

CATALOGUE 2014

B.
Berker

This catalogue is intended as procedure documentation for dealers and trade.

Our terms of sale, delivery and payment apply exclusively.

Our publications are intended to provide information to the best of our knowledge and are in no way intended to be legally binding. Illustrations are not binding, especially with regard to colour, size and equipment of the products shown.

Industrial property rights exist for many of the products.

We reserve the right to make technical and formal changes to our products in the interest of technical progress.

All items in this catalogue which are subject to CE regulations bear the CE mark on their packaging label and on the product itself.

Berker

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Do you know how to create a living space that combines comfort with individuality? At Berker we have been working on this since 1919 – and we have found some very interesting answers.

Berker switches and systems are in use all over the world, making life more beautiful, easier and more comfortable. We place the utmost emphasis on quality, design and innovation. This is confirmed by the numerous awards we have received both at home and abroad.

Berker is a leading supplier of high-quality electrical installations – from timelessly classic switch design through to intelligent building management systems. All new developments are created with just one thing in mind: our customer. After all, we want our products to make them feel good for decades to come.

With Berker, you not only offer your customers products to suit every taste, you also offer your customers the latest state of the art. Berker – the right way.

BERKER R.1

BERKER R.1, R.3, SERIE R.CLASSIC

BERKER Q.1, RADIO TOUCH

BERKER B.IQ, K.5, TS SENSOR, SERIE 1930 PORZELLAN MADE BY ROSENTHAL, TS CRYSTAL BALL

BERKER R.1, R.3, SERIE R.CLASSIC, R.1/R.3 KNX-TOUCH SENSOR, TS SENSOR, RADIO TOUCH, B.3, B.IQ, S.1

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BERKER Q.1, K.5, SERIE 1930 PORZELLAN MADE BY ROSENTHAL, TS CRYSTAL BALL

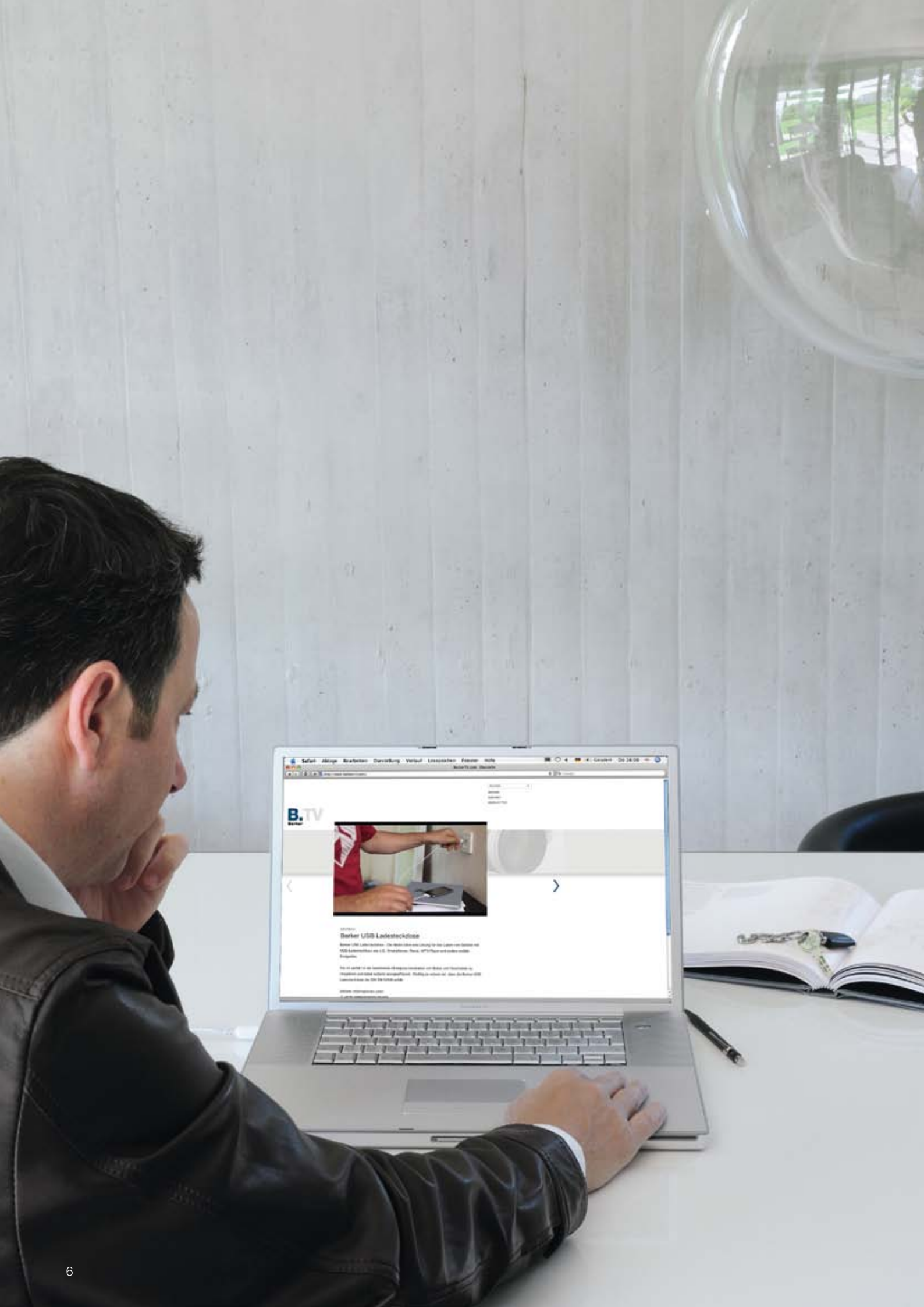
BERKER R.1, R.3, SERIE R.CLASSIC, R.1/R.3 KNX-TOUCH SENSOR, Q.1, B.IQ, TS, TS SENSOR, RADIO TOUCH

BERKER R.1, R.3, SERIE R.CLASSIC, R.1/R.3 KNX-TOUCH SENSOR, B.IQ, KNX PUSH-BUTTONS, K.1, K.5, S.1, TS SENSOR, SERIE 1930 PORZELLAN MADE BY ROSENTHAL

BERKER K.5 ALUMINIUM

BERKER B.IQ, ARSYS COPPER MED

BERKER TS SENSOR


B.TV
Berker USB Ladesteckdose

You can find additional information and a wealth of additional details at www.berker.com and www.berker-tv.com. We are available to take any other questions you might have, as well to provide technical advice, by telephone.

WWW.BERKER.COM

- Electronic catalogue with
  - Comprehensive technical and product information
  - Parts' list creation to aid your planning
  - Tender texts available for download
  - Software and documentation on all Berker KNX products
  - Link to suitable communication technology inserts of other manufacturers
- Ordering of marketing and information material
- Berker room planner: simulation of your room fittings (with price overview)
- Berker newsfeed subscriber: all the latest news sent directly to your smartphone

WWW.BERKER-TV.COM

- Comprehensive website with films from the world of Berker

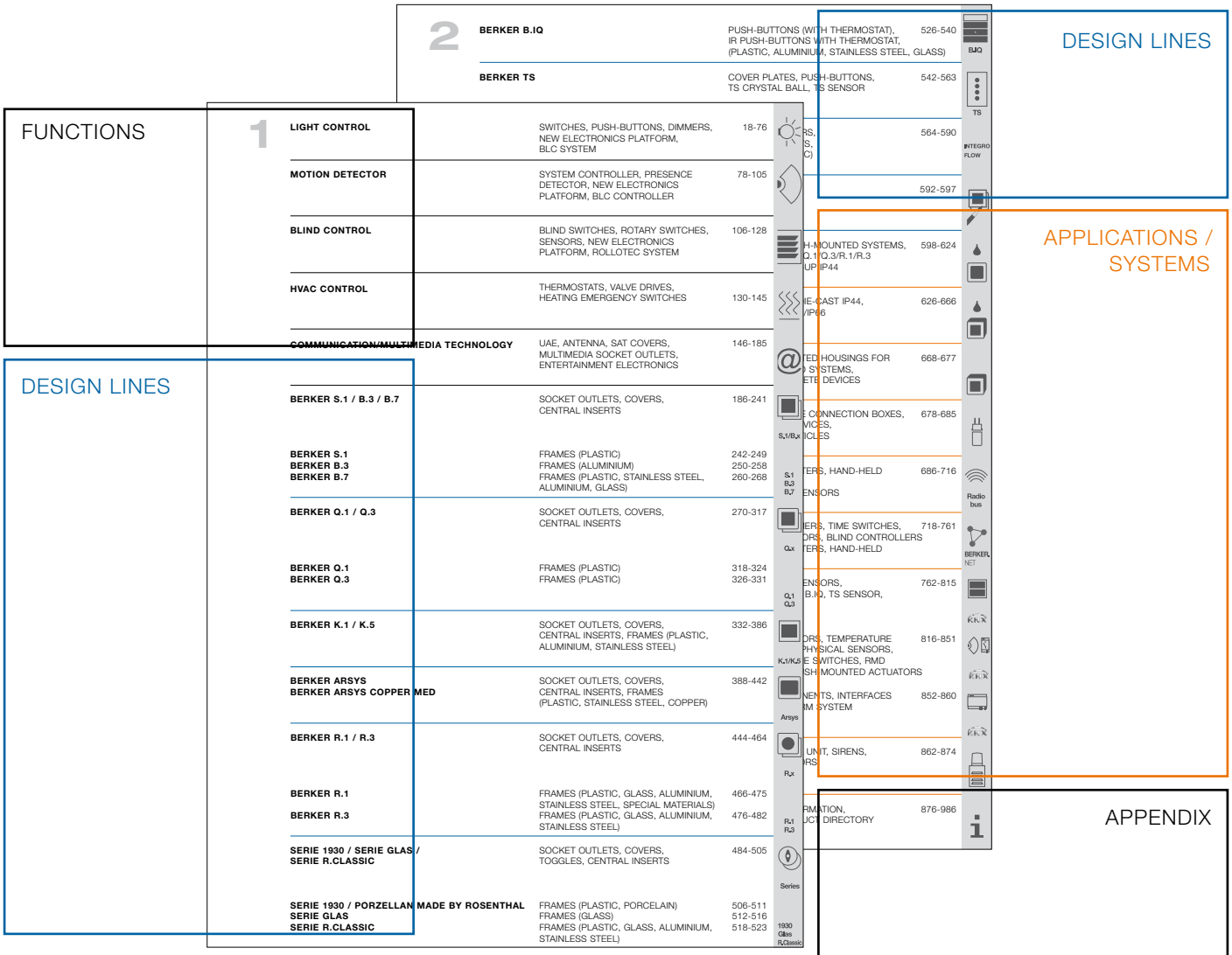
Welcome! In our 2014 catalogue, you will not only find new switch designs and clever systems but thanks to the new catalogue structure you will also find them considerably more quickly. You can make your selection using the required function, the appropriate application or using your preferred switch design line - our catalogue is designed in such a way that you can find the perfect product solution quickly.

CORE CATALOGUE AREAS

- Functions
- Design lines
- Applications / systems
- Appendix

TABLE OF CONTENTS

- Contents for each chapter
- Rapid orientation using pictograms
- Spread over two series of tabs



Further information in the appendix.

Quick start using the order number in the product index.

CHAPTER INTRODUCTION PAGES

- Content overview of the following chapter
- Portrait of each product and its variants
- Dimensions, materials and colours at a glance



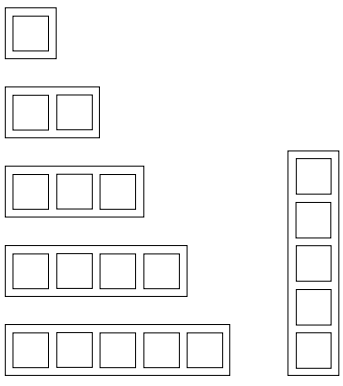
Gives every switch the right frame: In addition to glass frame varieties, the Berker B.7 is now available with plastic, stainless steel and aluminium frames. This version is a harmonious addition to the switches of the Berker TS Sensor and Berker B.IQ ranges.

- High-quality designs in glass, stainless steel, aluminium and plastic
- Complements Berker TS Sensor and Berker B.IQ
- Multiple frames vertical or horizontal for up to five devices

Frame, 1-gang
W 95 mm x H 90 mm, 1gang

Frame, 2 to 5gang, horizontal
W 161 mm x H 95 mm, 2gang
W 232 mm x H 95 mm, 3gang
W 303 mm x H 95 mm, 4gang
W 384 mm x H 95 mm, 5gang

Frames 2 to 5gang, vertical
H 161 mm x W 95 mm, 2gang
H 232 mm x W 95 mm, 3gang
H 303 mm x W 95 mm, 4gang
H 384 mm x W 95 mm, 5gang

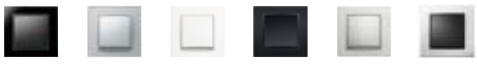


PRODUCT EXAMPLES





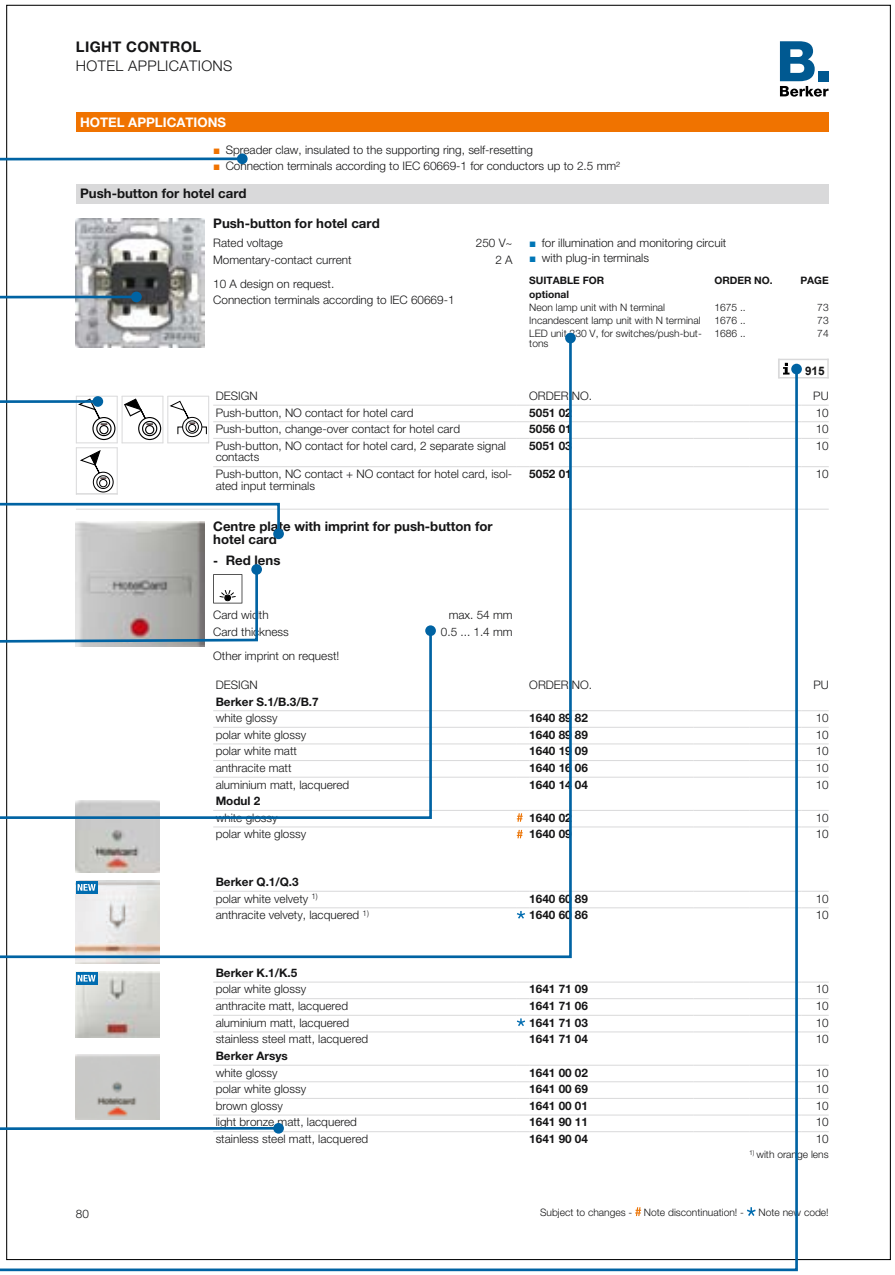
SURFACES FRAMES		COVERS / CENTRAL INSERTS		CENTRAL PLATES	
Glass, glossy, print on the back		Plastic, matt		Plastic, matt	
Polar white*	similar to RAL 9010	Polar white	similar to RAL 9010	Anthracite	similar to RAL 7021
Black	similar to RAL 9005	Anthracite	similar to RAL 7021	Polar white	similar to RAL 9010
Aluminium	similar to RAL 9006	Aluminium, lacquered	similar to RAL 9006	Plastic, glossy	
Plastic, matt		Plastic, glossy		Polar white	similar to RAL 9010
Polar white	similar to RAL 9010	Polar white	similar to RAL 9010		
Anthracite	similar to RAL 9005				
Aluminium, lacquered	similar to RAL 9006				
Metal					
Aluminium					
Stainless steel					



* New shade

THE MOST IMPORTANT NEW FEATURES AT A GLANCE:

- Higher-level information, which applies to the following articles
- Large product images
- Switching symbols*
- New, standardised and common article names
- Distinguishing features for rapid differentiation of articles for similar applications supported by symbols
- Tabular display of technical data
- References to matching articles, optional accessory articles or subchapters, offering complementary articles
- Tabular overview of variants with all the sales information
- Link to the technical appendix



LIGHT CONTROL
HOTEL APPLICATIONS

Berker

HOTEL APPLICATIONS

- Spreader claw, insulated to the supporting ring, self-resetting
- Connection terminals according to IEC 60669-1 for conductors up to 2.5 mm²

Push-button for hotel card

Push-button for hotel card
Rated voltage 250 V~
Momentary-contact current 2 A
10 A design on request.
Connection terminals according to IEC 60669-1

- for illumination and monitoring circuit
- with plug-in terminals

SUITABLE FOR optional	ORDER NO.	PAGE
Neon lamp unit with N terminal	1675 ..	73
Incandescent lamp unit with N terminal	1676 ..	73
LED unit 230 V, for switches/push-buttons	1686 ..	74

i 915

DESIGN	ORDER NO.	PU
Push-button, NO contact for hotel card	5051 02	10
Push-button, change-over contact for hotel card	5056 01	10
Push-button, NO contact for hotel card, 2 separate signal contacts	5051 03	10
Push-button, NC contact + NO contact for hotel card, isolated input terminals	5052 01	10

Centre plate with imprint for push-button for hotel card
- Red lens

Card width max. 54 mm
Card thickness 0.5 ... 1.4 mm
Other imprint on request!

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	1640 85 82	10
polar white glossy	1640 85 89	10
polar white matt	1640 15 09	10
anthracite matt	1640 16 06	10
aluminium matt, lacquered	1640 14 04	10
Modul 2		
white glossy	# 1640 02	10
polar white glossy	# 1640 09	10
Berker Q.1/Q.3		
polar white velvety [1]	1640 60 89	10
anthracite velvety, lacquered [1]	* 1640 60 86	10
Berker K.1/K.5		
polar white glossy	1641 71 09	10
anthracite matt, lacquered	1641 71 06	10
aluminium matt, lacquered	* 1641 71 03	10
stainless steel matt, lacquered	1641 71 04	10
Berker Arsys		
white glossy	1641 00 02	10
polar white glossy	1641 00 69	10
brown glossy	1641 00 01	10
light bronze matt, lacquered	1641 90 11	10
stainless steel matt, lacquered	1641 90 04	10

[1] with orange lens

80

Subject to changes - # Note discontinuation! - * Note new code!

* Standardised switching symbols, supplemented by Berker-specific symbols (see appendix)

FOR EXAMPLE ...
STARTING WITH A FUNCTION

Let's assume you're looking for a solution for a light control. In this case, you first select the matching insert (module insert, for which all the relevant information is shown). Then we'll show you all the matching application modules/covers for the most common applications, in all the designs and colours with the appropriate ordering information. This means that you don't have to search for long – just select the products and combine them.

If specific inserts can also be used for other applications, then you'll see a page reference to another chapter, in which you can find the matching application module.

LIGHT CONTROL
SWITCHES/PUSH-BUTTONS

Multi-pole rocker switches

- Spreader claw, insulated to the supporting ring, self-resetting
- Connection terminals according to IEC 60669-1



On/off switch 2pole 10 AX

Rated voltage 250 V~
Switching current 10 AX

- for illumination and monitoring circuit
- with plug-in terminals

Only suitable in combination with rockers with "0" imprint.

SUITABLE FOR optional	ORDER NO.	PAGE
Neon lamp unit with N terminal	1675 ..	73
Incandescent lamp unit with N terminal	1676 ..	73
LED unit 230 V, for switches/push-buttons	168 ..	74
Neon lamp unit for switches/push-buttons	1600 02	73

i 912



DESIGN	ORDER NO.	PU
On/off switch 2pole 10 AX	**3032**	10



On/off switch 2pole 16 AX

Rated voltage 250 V~
Switching current 16 AX

- for illumination and monitoring circuit
- with screw terminals

Only suitable in combination with rockers with "0" imprint.
Not suitable for water-protected, flush-mounted installation IP44.
For switching of 16 A socket outlets, for example.

SUITABLE FOR optional	ORDER NO.	PAGE
Neon lamp unit for switches/push-buttons	1600 02	73

i 913



DESIGN	ORDER NO.	PU
On/off switch 2pole 16 AX	**3032 12**	10



On/off switch 3pole

Rated voltage 400 V~
Switching current 16 AX

- for illumination and monitoring circuit
- with screw terminals

Only suitable in combination with rockers with "0" imprint.
Not suitable for water-protected, flush-mounted installation IP44.

SUITABLE FOR optional	ORDER NO.	PAGE
Neon lamp unit for on/off switch 3pole	1600	74

i 913



DESIGN	ORDER NO.	PU
On/off switch 3pole	**3033 03**	10



Rocker with imprint "0"

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1622 89 82**	10
polar white glossy	**1622 89 89**	10
polar white matt	**1622 19 09**	10
anthracite matt	**1622 16 06**	10
aluminium matt, lacquered	**1622 14 04**	10
polar white matt, Screw-on [1]	**1573 19 09**	10
anthracite matt, Screw-on [1]	**1573 16 06**	10
aluminium matt, lacquered, Screw-on [1]	**1573 14 04**	10
Modul 2		
white glossy	# **1622 02**	10
polar white glossy	# **1622 09**	10
white glossy, Screw-on [1]	# **1573 02**	10
polar white glossy, Screw-on [1]	# **1573 09**	10



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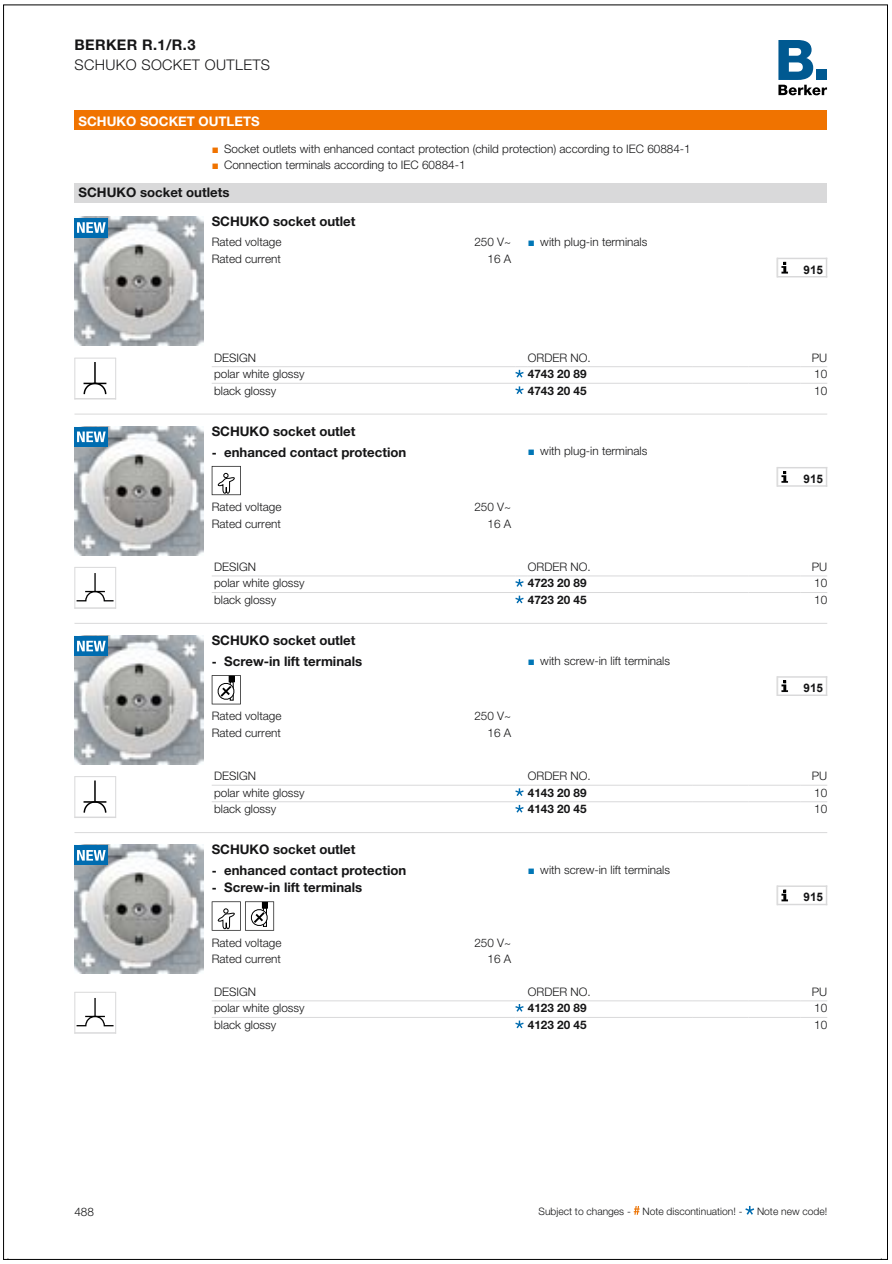
Subject to changes - # Note discontinuation! - * Note new code!

FOR EXAMPLE ...
STARTING WITH THE DESIGN LINE

In the design chapter, you will also find the products, which are not assigned to a function chapter, such as socket outlets and frames. To obtain a better and more rapid overview, all the other design articles are shown, with the information reduced to only that which is necessary. For Berker connoisseurs, the sales information of an article picture and name are sufficient. If there are product variants for similar applications, then the differences are clearly marked. This helps you to find the right products, when you already know the solution and just want to find the order data. Here too, each article has information about the appropriate insert.

This means that you can obtain all the ordering information for the appropriate insert-application module combination in the design chapter, without having to search for a long time.



BERKER R.1/R.3
SCHUKO SOCKET OUTLETS

SCHUKO SOCKET OUTLETS

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1

SCHUKO socket outlets

NEW

SCHUKO socket outlet
Rated voltage 250 V~ ■ with plug-in terminals
Rated current 16 A
i 915

DESIGN	ORDER NO.	PU
polar white glossy	* **4743 20 89**	10
black glossy	* **4743 20 45**	10

NEW

SCHUKO socket outlet
- enhanced contact protection ■ with plug-in terminals
Rated voltage 250 V~
Rated current 16 A
i 915

DESIGN	ORDER NO.	PU
polar white glossy	* **4723 20 89**	10
black glossy	* **4723 20 45**	10

NEW

SCHUKO socket outlet
- Screw-in lift terminals ■ with screw-in lift terminals
Rated voltage 250 V~
Rated current 16 A
i 915

DESIGN	ORDER NO.	PU
polar white glossy	* **4143 20 89**	10
black glossy	* **4143 20 45**	10

NEW

SCHUKO socket outlet
- enhanced contact protection
- Screw-in lift terminals ■ with screw-in lift terminals
Rated voltage 250 V~
Rated current 16 A
i 915

DESIGN	ORDER NO.	PU
polar white glossy	* **4123 20 89**	10
black glossy	* **4123 20 45**	10

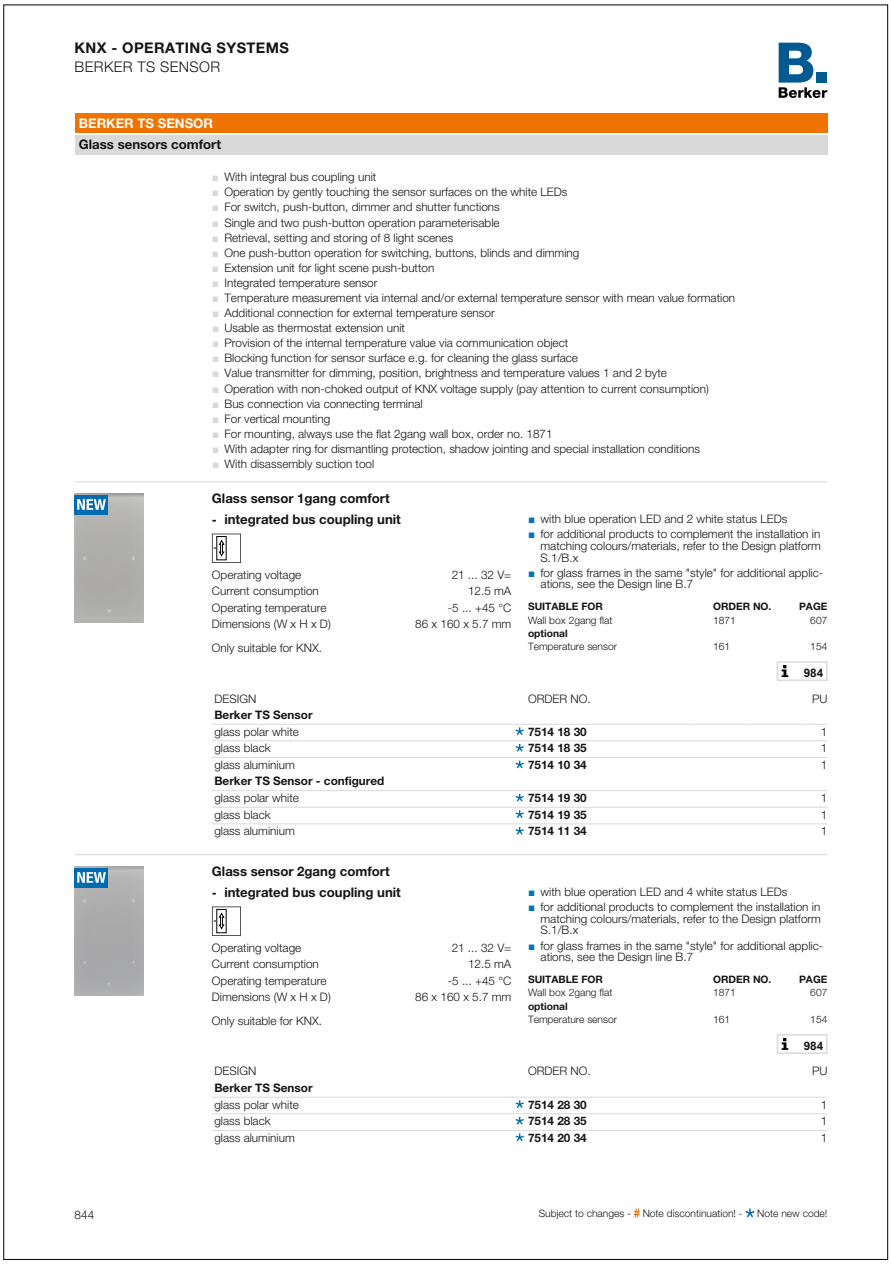
488

Subject to changes - # Note discontinuation! - * Note new code!

FOR EXAMPLE ...
STARTING WITH THE KNX SYSTEM CHAPTER

The application and system chapters in the last part of the catalogue are, in themselves, comprehensive and self-contained. You can find a solution for these topic areas in a single chapter (inserts, application modules, accessories).

Our products are presented in a logical order, according to the sequence of your planning. Firstly, you can find all the operating systems, which you can select for each control section, according to the functions you require. This then produces the required number of actuator channels and you can combine these components. If necessary, you will also find sensors for additional comfort functions in the 2nd KNX chapter. Finally, you will find the system devices, required for the power supply and for the connection to the installation environment and system technology.



KNX - OPERATING SYSTEMS
BERKER TS SENSOR

BERKER TS SENSOR
Glass sensors comfort

- With integral bus coupling unit
- Operation by gently touching the sensor surfaces on the white LEDs
- For switch, push-button, dimmer and shutter functions
- Single and two push-button operation parameterisable
- Retrieval, setting and storing of 8 light scenes
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- Integrated temperature sensor
- Temperature measurement via internal and/or external temperature sensor with mean value formation
- Additional connection for external temperature sensor
- Usable as thermostat extension unit
- Provision of the internal temperature value via communication object
- Blocking function for sensor surface e.g. for cleaning the glass surface
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- Operation with non-choked output of KNX voltage supply (pay attention to current consumption)
- Bus connection via connecting terminal
- For vertical mounting
- For mounting, always use the flat 2gang wall box, order no. 1871
- With adapter ring for dismantling protection, shadow jointing and special installation conditions
- With disassembly suction tool

NEW

Glass sensor 1gang comfort
- integrated bus coupling unit

Operating voltage	21 ... 32 V=
Current consumption	12.5 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	86 x 160 x 5.7 mm

Only suitable for KNX.

- with blue operation LED and 2 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Wall box 2gang flat	1871	607
optional		
Temperature sensor	161	154

i 984

DESIGN	ORDER NO.	PU
Berker TS Sensor		
glass polar white	✶ **7514 18 30**	1
glass black	✶ **7514 18 35**	1
glass aluminium	✶ **7514 10 34**	1
Berker TS Sensor - configured		
glass polar white	✶ **7514 19 30**	1
glass black	✶ **7514 19 35**	1
glass aluminium	✶ **7514 11 34**	1

NEW

Glass sensor 2gang comfort
- integrated bus coupling unit

Operating voltage	21 ... 32 V=
Current consumption	12.5 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	86 x 160 x 5.7 mm

Only suitable for KNX.

- with blue operation LED and 4 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Wall box 2gang flat	1871	607
optional		
Temperature sensor	161	154

i 984

DESIGN	ORDER NO.	PU
Berker TS Sensor		
glass polar white	✶ **7514 28 30**	1
glass black	✶ **7514 28 35**	1
glass aluminium	✶ **7514 20 34**	1

844

Subject to changes - # Note discontinuation! - ✶ Note new code!

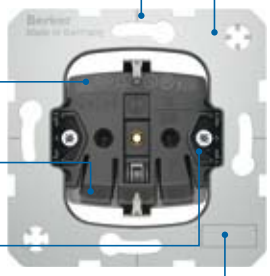
It's often the small details that make a big difference.

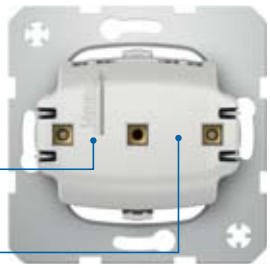
- Compact housing with sturdy, closed base
- Rugged supporting ring without sharp edges
- New supporting ring contour for easy alignment and screwing in
- Easy-to-connect conductor
- Open claw geometry prevents damage to the conductors during assembly
- No parasitic voltage thanks to electrical isolation
- Flexolift claw vanishes completely into the base
- Release or screwing-in in just 4 to 5 rotations

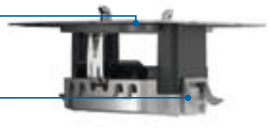
We have even optimised the packaging, and thus handling on the building site: in a 10-pack, the centre plates are separated from the inserts and can be mounted according to your normal installation methods. In addition, the centre plates are well-protected by film - a sensible detail to save time and money.

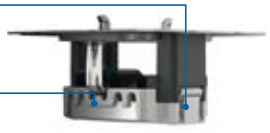


- HIGH-QUALITY SUPPORTING RING
  sturdy, with no sharp edges, and additional screwing options for easy installation on soft surfaces
- OPTIMAL SUPPORTING RING CONTOURS
  marked for precise alignment at the place of installation
- TEST MARKS ON THE BASE
  for visibility in every installation state
- EASY-TO-OPERATE RELEASE BUTTONS
  for rapid release of conductors during disassembly
- CROSS-HEAD CLAW SCREWS
  with optimised thread for 3x faster installation/disassembly
- LABELLING FIELD ON THE SUPPORTING RING
  for clear labelling of the electric circuit
- CROSS-HEAD SCREW IN CENTRE PLATE
  for perfect grip of tool during installation
- MARKING ON BASE
  for precise stripping of conductors
- STURDY, ENCLOSED BASE
  for safe, secure installation
- GALVANIC SEPARATION OF SUPPORTING RING
  for safe working with no parasitic voltage
- OPEN CLAW GEOMETRY
  prevents damage to conductors during installation
- CLAWS ARE ACCOMMODATED IN BASE
  when fully retracted, for easy insertion/positioning in the switch box and reduced risk of injury
- OPTIMISED TERMINAL DESIGN
  for easier insertion of conductors
- SCREW-IN LIFT TERMINALS[1]
  for rapid connection and secure positioning of the conductors









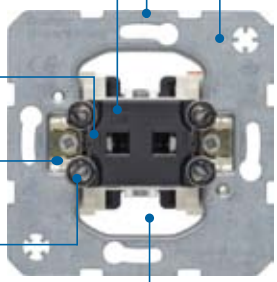
[1] Only in socket outlets with screw-in lift terminals

Admittedly, we're still a bit proud. In the Modul system, we found a principle which has not lost any of its attraction. Using the Modul system, switches can still be replaced easily, even after years have passed, and, for example, be adapted to a new room design, without any need to replace the switch insert. For your customers, this means less building mess, more flexibility in room planning and increased general satisfaction with their electrical equipment. Our Modul system can also offer you many advantages, such as less storage and lower mounting costs. As well savings in terms of time and money. In addition, we have designed the switches and inserts to be completely uncomplicated in installation and handling.

- Flat appearance of the mounted switch and pleasant feel during operation through the very small switching angle of 3.5°
- High level of operating comfort through precise rocker guidance
- Flexolift claws ensure a tight fit and forced return when released
- Cable protection around the claw screws prevents conductor damage
- Laser engraving of the circuit diagram, circuit symbols, article number and conductor insulation length on the rear side of each switch
- Easy-to-operate lever release catches to free the conductors
- Installation of neon lamp units at a later date possible without dismantling



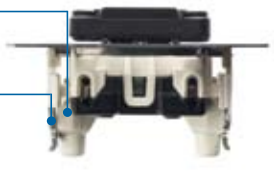
- HIGH-QUALITY SUPPORTING RING
  sturdy, no sharp edges, with additional screwing options for easy mounting on soft surfaces
- OPTIMAL SUPPORTING RING DESIGN
  marked for precise alignment at place of installation
- 3.5° SWITCHING ANGLE
  for a flat profile
- MODULAR DESIGN
  for accommodation of all rocker types
- LARGE CLEARANCE AROUND THE CLAW SCREW
  with cross-head screws
- VARIABLE 4-PIN MOUNT
  for precise seating of rockers
- CLIP-IN NEON/GLOW LAMP UNIT
  for exact positioning on the supporting ring, can be used as indicator or orientation light
- MOULDED LEVER RELEASE CATCHES
  for easy release of conductors
- LABELLING ON REVERSE OF SWITCH
  showing order no, circuit diagram/graphical symbol, conductor stripping guide







- CABLE PROTECTION
  to prevent damage to the conductors by the claw screws
- FLEXOLIFT CLAWS®
  for flush-fitting positioning of claws and automatic reset upon release
- MINIMAL INSTALLATION DEPTH
  providing maximum space for installation of the insert in hollow-wall mounting





1

LIGHT CONTROL	SWITCHES, PUSH-BUTTONS, DIMMERS, NEW ELECTRONICS PLATFORM, BLC SYSTEM	18-76
MOTION DETECTOR	SYSTEM CONTROLLER, PRESENCE DETECTOR, NEW ELECTRONICS PLATFORM, BLC CONTROLLER	78-105
BLIND CONTROL	BLIND SWITCHES, ROTARY SWITCHES, SENSORS, NEW ELECTRONICS PLATFORM, ROLLOTEC SYSTEM	106-128
HVAC CONTROL	THERMOSTATS, VALVE DRIVES, HEATING EMERGENCY SWITCHES	130-145
COMMUNICATION/MULTIMEDIA TECHNOLOGY	UAE, ANTENNA, SAT COVERS, MULTIMEDIA SOCKET OUTLETS, ENTERTAINMENT ELECTRONICS	146-185
BERKER S.1 / B.3 / B.7	SOCKET OUTLETS, COVERS, CENTRAL INSERTS	186-241
BERKER S.1	FRAMES (PLASTIC)	242-249
BERKER B.3	FRAMES (ALUMINIUM)	250-258
BERKER B.7	FRAMES (PLASTIC, STAINLESS STEEL, ALUMINIUM, GLASS)	260-268
BERKER Q.1 / Q.3	SOCKET OUTLETS, COVERS, CENTRAL INSERTS	270-317
BERKER Q.1	FRAMES (PLASTIC)	318-324
BERKER Q.3	FRAMES (PLASTIC)	326-331
BERKER K.1 / K.5	SOCKET OUTLETS, COVERS, CENTRAL INSERTS, FRAMES (PLASTIC, ALUMINIUM, STAINLESS STEEL)	332-386
BERKER ARSYS **BERKER ARSYS COPPER MED**	SOCKET OUTLETS, COVERS, CENTRAL INSERTS, FRAMES (PLASTIC, STAINLESS STEEL, COPPER)	388-442
BERKER R.1 / R.3	SOCKET OUTLETS, COVERS, CENTRAL INSERTS	444-464
BERKER R.1	FRAMES (PLASTIC, GLASS, ALUMINIUM, STAINLESS STEEL, SPECIAL MATERIALS)	466-475
BERKER R.3	FRAMES (PLASTIC, GLASS, ALUMINIUM, STAINLESS STEEL)	476-482
SERIE 1930 / SERIE GLAS / SERIE R.CLASSIC	SOCKET OUTLETS, COVERS, TOGGLES, CENTRAL INSERTS	484-505
SERIE 1930 / PORZELLAN MADE BY ROSENTHAL	FRAMES (PLASTIC, PORCELAIN)	506-511
SERIE GLAS	FRAMES (GLASS)	512-516
SERIE R.CLASSIC	FRAMES (PLASTIC, GLASS, ALUMINIUM, STAINLESS STEEL)	518-523



SWITCHES/PUSH-BUTTONS	20-33
TIME SWITCHES	33-38
DIMMERS	38-46
BERKER.NET - CONVENTIONAL ELECTRONICS PLATFORM	47-51
BLC - BERKER LIGHT CONTROL	51-57
(BUILT-IN)DIMMERS/POWER BOOSTERS	57-60
TRANSFORMERS	60
PILOT LAMPS	60-64
SUPPLEMENTARY PRODUCTS	65-72
HOTEL APPLICATIONS	72-73
BARRIER-FREE CONSTRUCTION	74-76

From the elegantly beautiful switches, through the intelligent control of individual lamps through to clever lighting systems: we can offer you a wide range of light control variants. Common to all of them is that they can be supplemented, replaced and modernised easily, thanks to our modular system.

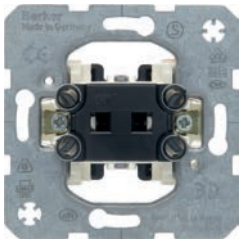
- All the rockers, covers and electronic application modules of our standard and comfort ranges fit perfectly on the flush-mounted inserts.
- Switches, dimmers or timers can be combined with all the switch ranges.
- Simple switch to a new switch range by exchanging frames and covers.
- Continuous further developments with innovative products mean that modern lighting (LEDs, compact fluorescent lamps) can be switched and dimmed easily.

SWITCHES/PUSH-BUTTONS

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.

Rocker switches

- Spreader claw, insulated to the supporting ring, self-resetting
- Connection terminals according to IEC 60669-1 for conductors up to 2.5 mm²
- Switching angle 3.5°



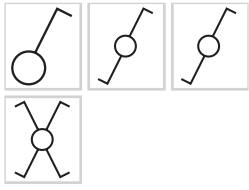
Change-over/intermediate switch

Rated voltage 250 V~
Switching current 10 AX

- with plug-in terminals
- for illumination and monitoring circuit

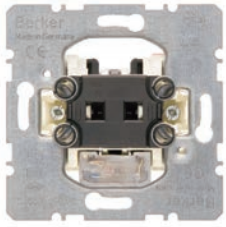
SUITABLE FOR	ORDER NO.	PAGE
optional		
LED unit 230 V, for switches/push-buttons		page 67
Neon lamp unit with N terminal	1675 ..	66
LED unit for switches/push-buttons	1687	67
Incandescent lamp unit with N terminal	1676 ..	66

i 878



DESIGN	ORDER NO.	PU
On/off switch	**3031**	10
Change-over switch	**3036**	10
Change-over switch for installation in hollow walls [1]	**3036 50**	10
Intermediate switch	**3037**	10

[1] low installation depth, without spreader claws



Control change-over switch (2 items)

A control change-over switch is shown here as an example. With 2-pole and 3-pole control on/off switches, other rocker switches and neon lamp units are required.

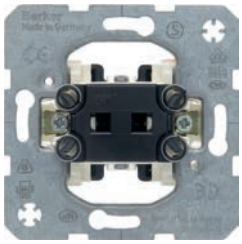
i 878



DESIGN	ORDER NO.	PU
Individual article required		
Change-over switch	**3036**	10
LED unit 230 V, for switches/push-buttons, white	**1686**	10

Rocker push-buttons

- Spreader claw, insulated to the supporting ring, self-resetting
- Connection terminals according to IEC 60669-1 for conductors up to 2.5 mm²
- Switching angle 3.5°



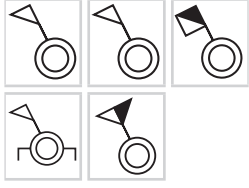
Push-button

Rated voltage 250 V~
Momentary-contact current 10 A

- with plug-in terminals
- for illumination and monitoring circuit

SUITABLE FOR	ORDER NO.	PAGE
optional		
LED unit 230 V, for switches/push-buttons		page 67
Neon lamp unit with N terminal	1675 ..	66
Incandescent lamp unit with N terminal	1676 ..	66
LED unit for switches/push-buttons	1687	67

i 880



DESIGN	ORDER NO.	PU
Push-button, NO contact	**5031**	10
Push-button, NO contact for installation in hollow walls [1]	**5031 50**	10
Push-button, change-over	**5036**	10
Push-button, NO contact, 2 separate signal contacts	**5031 01**	10
Push-button, NC contact + NO contact, isolated input terminals	**5032 03**	10

[1] low installation depth, without spreader claws

Rockers for switches/push-buttons



Rocker

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1620 89 82**	10
polar white glossy	**1620 89 89**	10
polar white matt	**1620 19 09**	10
anthracite matt	**1620 16 06**	10
aluminium matt, lacquered	**1620 14 04**	10
polar white matt, Screw-on [1]	**1570 19 09**	10
anthracite matt, Screw-on [1]	**1570 16 06**	10
aluminium matt, lacquered, Screw-on [1]	**1570 14 04**	10
Berker Q.1/Q.3		
polar white velvety	**1620 60 89**	10
anthracite velvety, lacquered	**1620 60 86**	10





Berker K.1/K.5		
polar white glossy	**1405 70 09**	10
anthracite matt, lacquered	**1405 70 06**	10
Aluminium, aluminium anodised	**1405 70 03**	10
Stainless steel, metal matt finish	**1405 70 04**	10
Berker Arsys		
white glossy	**1405 00 02**	10
polar white glossy	**1405 00 69**	10
brown glossy	**1405 00 01**	10
light bronze matt, aluminium lacquered	**1404 00 01**	10
Stainless steel, metal matt finish	**1404 00 04**	10
gold matt, aluminium anodised	**1404 00 02**	10
Stainless steel, metal matt finish, Screw-on [1]	**1404 00 10**	10
Berker R.1/R.3		
polar white glossy	**1620 20 89**	10
black glossy	**1620 20 45**	10



[1] with cover plug for screw fitting



Rocker with imprint symbol

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

DESIGN	ORDER NO.	PU
Berker Q.1/Q.3		
polar white velvety, with imprinted symbol for light	**1620 60 49**	10
polar white velvety, with imprinted symbol for bell	**1620 60 59**	10
polar white velvety, with imprinted symbol for door opener	**1620 60 69**	10
anthracite velvety, lacquered, with imprinted symbol for light	**1620 60 46**	10
anthracite velvety, lacquered, with imprinted symbol for bell	**1620 60 56**	10
anthracite velvety, lacquered, with imprinted symbol for door opener	**1620 60 66**	10
Berker R.1/R.3		
polar white glossy, with imprinted symbol for light	**1620 20 79**	10
polar white glossy, with imprinted symbol for bell	**1620 20 69**	10
polar white glossy, with imprinted symbol for door opener	**1620 20 59**	10
black glossy, with imprinted symbol for light	**1620 20 35**	10
black glossy, with imprinted symbol for bell	**1620 20 25**	10
black glossy, with imprinted symbol for door opener	**1620 20 15**	10





Rocker

- Labelling field

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1626 89 82**	10
polar white glossy	**1626 89 89**	10
polar white matt	**1626 19 09**	10
anthracite matt	**1626 16 06**	10
aluminium matt, lacquered	**1626 14 04**	10
Berker Q.1/Q.3		
polar white velvety	**1626 60 89**	10
anthracite velvety, lacquered	**1626 60 86**	10







Berker K.1/K.5		
polar white glossy	**1426 70 09**	10
anthracite matt, lacquered	**1426 70 06**	10
Aluminium, aluminium anodised	**1426 70 03**	10
Stainless steel, metal matt finish	**1426 70 04**	10
Berker Arsys		
white glossy	**1426 00 02**	10
polar white glossy	**1426 00 69**	10
brown glossy	**1426 00 01**	10
light bronze matt, aluminium lacquered	**1436 00 01**	10
Stainless steel, metal matt finish	**1436 00 04**	10
gold matt, aluminium anodised	**1436 00 02**	10



Rocker

- Full-surface labelling field

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

For labelling with names, notes etc.

Labelling field height designed for two 24 mm P-touch strips.

DESIGN	ORDER NO.	PU
Berker Arsys		
clear, with white labelling field	**1487 00**	10



Rocker

- Lens

- also for KNX applications: push-button, 1gang, and group push-button, 1gang
- for illumination and monitoring circuit

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1621 89 82**	10
polar white glossy	**1621 89 89**	10
polar white matt	**1621 19 09**	10
anthracite matt	**1621 16 06**	10
aluminium matt, lacquered	**1621 14 04**	10
polar white matt, Screw-on [1]	**1572 19 09**	10
anthracite matt, Screw-on [1]	**1572 16 06**	10
aluminium matt, lacquered, Screw-on [1]	**1572 14 04**	10

[1] with cover plug for screw fitting



Berker Q.1/Q.3		
polar white velvety [2]	**1621 60 89**	10
anthracite velvety, lacquered [2]	**1621 60 86**	10



Berker K.1/K.5		
polar white glossy	**1415 70 09**	10
anthracite matt, lacquered	**1415 70 06**	10
Aluminium, aluminium anodised	**1415 70 03**	10
Stainless steel, metal matt finish	**1415 70 04**	10



Berker Arsys		
white glossy	**1415 00 02**	10
polar white glossy	**1415 00 69**	10
brown glossy	**1415 00 01**	10
light bronze matt, aluminium lacquered	**1416 00 01**	10
Stainless steel, metal matt finish	**1416 00 04**	10
gold matt, aluminium anodised	**1416 00 02**	10
Stainless steel, metal matt finish, Screw-on [1]	**1414 00 10**	10



Berker R.1/R.3		
polar white glossy [3]	**1621 20 89**	10
black glossy [3]	**1621 20 45**	10

[1] with cover plug for screw fitting
[2] only orange and clear lenses enclosed
[3] with clear lens only



Rocker with imprinted symbol for light

- **Lens**



Lenses available in orange and clear.

- also for KNX applications: push-button, 1gang, and group push-button, 1gang
- for illumination and monitoring circuit

DESIGN	ORDER NO.	PU
Berker Q.1/Q.3		
polar white velvety	**1621 60 79**	10
anthracite velvety, lacquered	**1621 60 76**	10



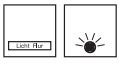
Berker R.1/R.3		
polar white glossy [1]	**1621 20 79**	10
black glossy [1]	**1621 20 35**	10

[1] with clear lens only



Rocker

- **Labelling field**
- **Lens**



Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.
For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

- also for KNX applications: push-button, 1gang, and group push-button, 1gang
- for illumination and monitoring circuit

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1628 89 82**	10
polar white glossy	**1628 89 89**	10
polar white matt	**1628 19 09**	10
anthracite matt	**1628 16 06**	10
aluminium matt, lacquered	**1628 14 04**	10



Berker Q.1/Q.3		
polar white velvety [1]	**1628 60 89**	10
anthracite velvety, lacquered [1]	**1628 60 86**	10



Berker K.1/K.5		
polar white glossy [2]	**1415 71 09**	10
anthracite matt, lacquered [2]	**1415 71 06**	10
Aluminium, aluminium anodised [2]	**1415 71 03**	10
Stainless steel, metal matt finish [2]	**1415 71 04**	10



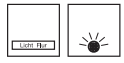
Berker Arsys		
white glossy	**1415 02 02**	10
polar white glossy	**1415 02 69**	10
brown glossy	**1415 02 01**	10
light bronze matt, aluminium lacquered	**1416 02 01**	10
Stainless steel, metal matt finish	**1416 02 04**	10

[1] only orange and clear lenses enclosed
[2] lenses with symbol for light, bell, door opener, also neutral in clear and red enclosed



Rocker with imprinted symbol for bell

- **Labelling field**
- **Lens**



Lenses available in orange and clear.
For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

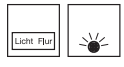
- also for KNX applications: push-button, 1gang, and group push-button, 1gang
- for illumination and monitoring circuit

DESIGN	ORDER NO.	PU
Berker Q.1/Q.3		
polar white velvety	**1628 60 79**	10
anthracite velvety, lacquered	**1628 60 76**	10



Rocker

- **Large labelling field**
- **Lens**



Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.
For labelling with names, notes etc.

- also for KNX applications: push-button, 1gang, and group push-button, 1gang
- for illumination and monitoring circuit

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy [1]	**1696 89 82**	10
polar white glossy [1]	**1696 89 89**	10
polar white matt [1]	**1696 19 09**	10
anthracite matt [1]	**1696 16 06**	10
aluminium matt, lacquered [1]	**1696 14 04**	10



Berker Q.1/Q.3		
polar white velvety [2]	**1696 60 89**	10
anthracite velvety, lacquered [2]	**1696 60 86**	10



Berker K.1/K.5		
polar white glossy [3]	**1496 70 09**	10
anthracite matt, lacquered [3]	**1496 70 06**	10
aluminium matt, lacquered [3]	**1496 70 03**	10
stainless steel matt, lacquered [3]	**1496 70 04**	10

[1] labelling field height arranged for two 12 mm P-touch strips
[2] labelling field height arranged for two 18 mm P-touch strips, only orange and clear lenses enclosed
[3] labelling field height arranged for two 9 mm P-touch strips



Rocker with imprinted symbol for bell

- Large labelling field
- Lens

Labelling field (W x H) ≈ 54.8 x 42.8 mm

Lenses available in orange and clear.
For labelling with names, notes etc.

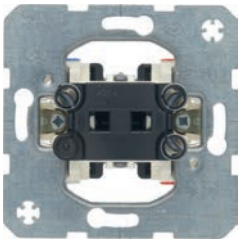
Labelling field height designed for two 18 mm P-touch strips.

- also for KNX applications: push-button, 1gang, and group push-button, 1gang
- for illumination and monitoring circuit

DESIGN	ORDER NO.	PU
Berker Q.1/Q.3		
polar white velvety	**1696 60 79**	10
anthracite velvety, lacquered	**1696 60 76**	10

Multi-pole rocker switches

- Spreader claw, insulated to the supporting ring, self-resetting
- Connection terminals according to IEC 60669-1



On/off switch 2pole 10 AX

Rated voltage 250 V~
Switching current 10 AX

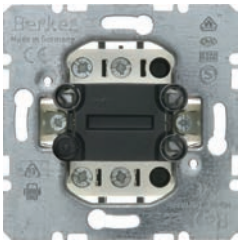
Only suitable in combination with rockers with “0” imprint.

- with plug-in terminals
- for illumination and monitoring circuit

SUITABLE FOR	ORDER NO.	PAGE
optional		
LED unit 230 V, for switches/push-buttons		page 67
Neon lamp unit with N terminal	1675 ..	66
Incandescent lamp unit with N terminal	1676 ..	66
LED unit for switches/push-buttons	1687	67

i 879

DESIGN	ORDER NO.	PU
On/off switch 2pole 10 AX	**3032**	10



On/off switch 2pole 16 AX

Rated voltage 250 V~
Switching current 16 AX

For switching of 16 A socket outlets, for example.
Not suitable for water-protected, flush-mounted installation IP44.
Only suitable in combination with rockers with “0” imprint.

- with screw terminals
- for illumination and monitoring circuit

SUITABLE FOR	ORDER NO.	PAGE
optional		
Neon lamp unit for switches/push-buttons	1600 02	66

i 879

DESIGN	ORDER NO.	PU
On/off switch 2pole 16 AX	**3032 12**	10



On/off switch 2pole

NEW

- Earthing contact

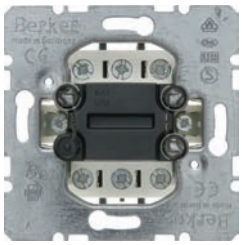
Rated voltage 250 V~
Switching current 20 A

Only suitable in combination with rockers with “0” imprint.

- with screw terminals
- for illumination and monitoring circuit
- can be illuminated with neon lamp unit

SUITABLE FOR	ORDER NO.	PAGE
optional		
Neon lamp unit for switches/push-buttons	1600 02	66

DESIGN	ORDER NO.	PU
On/off switch 2pole	* **5230 32 13**	10



On/off switch 3pole

Rated voltage 400 V~
Switching current 16 AX

- with screw terminals
- for illumination and monitoring circuit

Not suitable for water-protected, flush-mounted installation IP44.
Only suitable in combination with rockers with “0” imprint.

SUITABLE FOR	ORDER NO.	PAGE
optional		
Neon lamp unit for on/off switch 3pole	1600	67

i 879



DESIGN	ORDER NO.	PU
On/off switch 3pole	**3033 03**	10



Rocker with imprint “0”

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1622 89 82**	10
polar white glossy	**1622 89 89**	10
polar white matt	**1622 19 09**	10
anthracite matt	**1622 16 06**	10
aluminium matt, lacquered	**1622 14 04**	10
polar white matt, Screw-on [1]	**1573 19 09**	10
anthracite matt, Screw-on [1]	**1573 16 06**	10
aluminium matt, lacquered, Screw-on [1]	**1573 14 04**	10



Berker Q.1/Q.3		
polar white velvety	**1622 60 89**	10
anthracite velvety, lacquered	**1622 60 86**	10



Berker K.1/K.5		
polar white glossy	**1425 71 09**	10
anthracite matt, lacquered	**1425 71 06**	10
Aluminium, aluminium anodised	**1425 71 03**	10
Stainless steel, metal matt finish	**1425 71 04**	10



Berker Arsys		
white glossy	**1425 00 02**	10
polar white glossy	**1425 00 69**	10
brown glossy	**1425 00 01**	10
light bronze matt, aluminium lacquered	**1424 00 01**	10
Stainless steel, metal matt finish	**1424 00 04**	10



Berker R.1/R.3		
polar white glossy	**1622 20 89**	10
black glossy	**1622 20 45**	10

[1] with cover plug for screw fitting



Rocker with imprint “0”

- Red lens

- also for KNX applications: group push-button, 1gang
- for illumination and monitoring circuit

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1624 89 82**	10
polar white glossy	**1624 89 89**	10
polar white matt	**1624 19 09**	10
anthracite matt	**1624 16 06**	10
aluminium matt, lacquered	**1624 14 04**	10
polar white matt, Screw-on [1]	**1577 19 09**	10
anthracite matt, Screw-on [1]	**1577 16 06**	10
aluminium matt, lacquered, Screw-on [1]	**1577 14 04**	10
Berker Q.1/Q.3		
polar white velvety [2]	**1624 60 89**	10
anthracite velvety, lacquered [2]	**1624 60 86**	10
Berker K.1/K.5		
polar white glossy	**1417 71 09**	10
anthracite matt, lacquered	**1417 71 06**	10
Aluminium, aluminium anodised	**1417 71 03**	10
Stainless steel, metal matt finish	**1417 71 04**	10
Berker Arsys		
white glossy	**1417 00 02**	10
polar white glossy	**1417 00 69**	10
brown glossy	**1417 00 01**	10
light bronze matt, aluminium lacquered	**1418 00 01**	10
Stainless steel, metal matt finish	**1418 00 04**	10
Berker R.1/R.3		
polar white glossy [3]	**1624 20 89**	10
black glossy [3]	**1624 20 45**	10





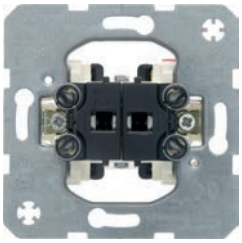




[1] with cover plug for screw fitting
[2] with orange lens
[3] with clear lens

Rocker switches, 2gang

- Spreader claw, insulated to the supporting ring, self-resetting
- Connection terminals according to IEC 60669-1



Series switch

Rated voltage 250 V~
Switching current 10 AX

- with plug-in terminals
- for illumination and monitoring circuit

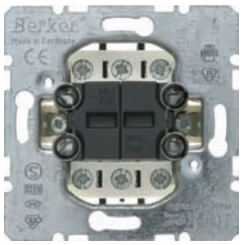
SUITABLE FOR	ORDER NO.	PAGE
optional		
LED unit 230 V, for switches/push-buttons		page 67
Neon lamp unit with N terminal	1675 ..	66
Incandescent lamp unit with N terminal	1676 ..	66
LED unit with N terminal for series switch	1680	67
LED unit for switches/push-buttons	1687	67

i 879



DESIGN	ORDER NO.	PU
Series switch	**3035**	10
Series switch for installation in hollow walls [1]	**3035 50**	10

[1] low installation depth, without spreader claws



Double change-over switch, isolated input terminals

Rated voltage 250 V~
Switching current 10 AX

- with screw terminals
- for illumination

SUITABLE FOR	ORDER NO.	PAGE
optional		
Neon lamp unit for switches/push-buttons	1600 02	66

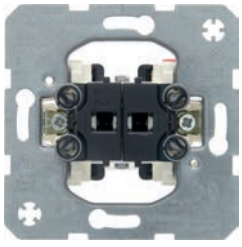
i 880



DESIGN	ORDER NO.	PU
Double change-over switch, isolated input terminals	**3038 08**	10

Series push-buttons

- Connection terminals according to IEC 60669-1



Series push-button

Rated voltage 250 V~
Momentary-contact current 10 A

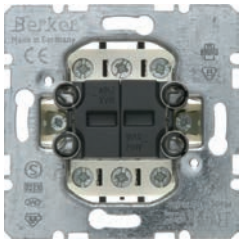
- with plug-in terminals
- for illumination

SUITABLE FOR	ORDER NO.	PAGE
optional		
LED unit 230 V, for switches/push-buttons		page 67
Neon lamp unit with N terminal	1675 ..	66
Incandescent lamp unit with N terminal	1676 ..	66
LED unit for switches/push-buttons	1687	67

i 880



DESIGN	ORDER NO.	PU
Series push-button, 2 NO contacts, common input terminal	**5035**	10
Series push-button, NC contact + NO contact, isolated input terminals	**5035 01**	10
Series push-button, 2 NO contacts, isolated input terminals	**5035 03**	10



Series push-button, 2 change-over contacts

Rated voltage 250 V~
Momentary-contact current 10 A

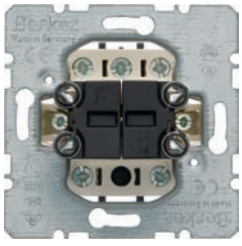
- with screw terminals
- for illumination
- double change-over contact, usable as NC or NO with separate input terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Neon lamp unit for switches/push-buttons	1600 02	66

i 880



DESIGN	ORDER NO.	PU
Series push-button, 2 change-over contacts	**5038 08**	10



Group series push-button, 4 NO contacts, common input terminal

- 0 position



- with screw terminals
- for illumination
- with neutral-position
- also suitable as series push-button for blinds

Rated voltage 250 V~
Momentary-contact current 10 A

Follow the motor manufacturers' instructions.

SUITABLE FOR	ORDER NO.	PAGE
optional		
Neon lamp unit for switches/push-buttons	1600 02	66

i 880



DESIGN	ORDER NO.	PU
Group series push-button, 4 NO contacts, common input terminal	**5034 04**	10

Rockers, 2gang, for switches/push-buttons



Rocker 2gang

- also for KNX applications: push-button, 2gang, and group push-button, 2gang

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1623 89 82**	10
polar white glossy	**1623 89 89**	10
polar white matt	**1623 19 09**	10
anthracite matt	**1623 16 06**	10
aluminium matt, lacquered	**1623 14 04**	10
polar white matt, Screw-on [1]	**1571 19 09**	10
anthracite matt, Screw-on [1]	**1571 16 06**	10
aluminium matt, lacquered, Screw-on [1]	**1571 14 04**	10
Berker Q.1/Q.3		
polar white velvety	**1623 60 89**	10
anthracite velvety, lacquered	**1623 60 86**	10
Berker K.1/K.5		
polar white glossy	**1435 70 09**	10
anthracite matt, lacquered	**1435 70 06**	10
Aluminium, aluminium anodised	**1435 70 03**	10
Stainless steel, metal matt finish	**1435 70 04**	10
Berker Arsys		
white glossy	**1435 00 02**	10
polar white glossy	**1435 00 69**	10
brown glossy	**1435 00 01**	10
light bronze matt, aluminium lacquered	**1434 00 01**	10
Stainless steel, metal matt finish	**1434 00 04**	10
gold matt, aluminium anodised	**1434 00 02**	10
Stainless steel, metal matt finish, Screw-on [1]	**1434 00 10**	10
Berker R.1/R.3		
polar white glossy	**1623 20 89**	10
black glossy	**1623 20 45**	10

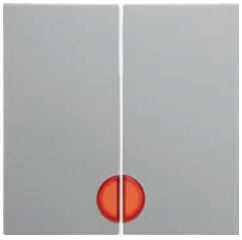








[1] with cover plug for screw fitting



Rocker 2gang
- Red lens

- also for KNX applications: push-button, 2gang, and group push-button, 2gang
- for illumination and monitoring circuit

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1627 89 82**	10
polar white glossy	**1627 89 89**	10
polar white matt	**1627 19 09**	10
anthracite matt	**1627 16 06**	10
aluminium matt, lacquered	**1627 14 04**	10
Berker Q.1/Q.3		
polar white velvety [1]	**1627 60 89**	10
anthracite velvety, lacquered [1]	**1627 60 86**	10
Berker K.1/K.5		
polar white glossy	**1437 70 09**	10
anthracite matt, lacquered	**1437 70 06**	10
aluminium matt, lacquered	**1437 70 03**	10
stainless steel matt, lacquered	**1437 70 04**	10





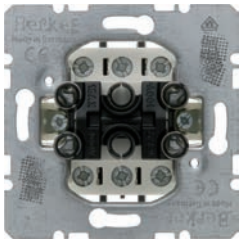




DESIGN	ORDER NO.	PU
Berker Arsys		
white glossy	**1437 00 02**	10
polar white glossy	**1437 00 69**	10
brown glossy	**1437 00 01**	10
Berker R.1/R.3		
polar white glossy [2]	**1627 20 89**	10
black glossy [2]	**1627 20 45**	10

[1] with orange and clear lens
[2] with clear lens

Rocker switches, 3gang



On/off switch 3gang

Rated voltage 400 V~
Switching current 16 AX

- with screw terminals
- 3 x 1pole Off



DESIGN	ORDER NO.	PU
On/off switch 3gang	**6330 23**	10

Rocker 3gang

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1665 89 82**	10
polar white glossy	**1665 89 89**	10
polar white matt	**1665 19 09**	10
anthracite matt	**1665 16 06**	10
aluminium matt, lacquered	**1665 14 04**	10
Berker Q.1/Q.3		
polar white velvety	**1665 60 89**	10
anthracite velvety, lacquered	**1665 60 86**	10





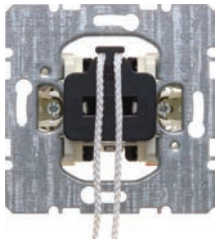
Berker K.1/K.5		
polar white glossy	**1465 70 09**	10
anthracite matt, lacquered	**1465 70 06**	10
Aluminium, aluminium anodised	**1465 70 03**	10
stainless steel matt, lacquered	**1465 70 04**	10
Berker Arsys		
white glossy	**1465 00 02**	10
polar white glossy	**1465 00 69**	10
brown glossy	**1465 00 01**	10
light bronze matt, lacquered	**1465 90 11**	10
stainless steel matt, lacquered	**1465 90 04**	10
Berker R.1/R.3		
polar white glossy	**1665 20 89**	10
black glossy	**1665 20 45**	10





Pullcord switches/pullcord push-buttons

- Spreader claw, insulated to the supporting ring, self-resetting
- Connection terminals according to IEC 60669-1 for conductors up to 2.5 mm²



Pullcord switch off/change-over

Rated voltage	250 V~
Switching current	10 AX
Long pullcord	14 cm

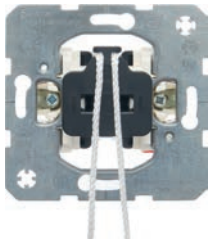
- with plug-in terminals
- for wall and ceiling mounting
- for illumination and monitoring circuit

SUITABLE FOR	ORDER NO.	PAGE
optional		
Neon lamp unit with N terminal	1605 1 ..	66

i 879



DESIGN	ORDER NO.	PU
Pullcord switch off/change-over	**3966**	10



Pullcord push-button, change-over contact with separate signal contact

Rated voltage	250 V~
Momentary-contact current	10 A
Long pullcord	14 cm

- with plug-in terminals
- for wall and ceiling mounting
- for illumination and monitoring circuit

SUITABLE FOR	ORDER NO.	PAGE
optional		
Neon lamp unit with N terminal	1675 ..	66
Incandescent lamp unit with N terminal	1676 ..	66

i 881



DESIGN	ORDER NO.	PU
Pullcord push-button, change-over contact with separate signal contact	**3956 19**	10



Centre plate for pullcord switch/pullcord push-button

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1146 89 82**	10
polar white glossy	**1146 89 89**	10
polar white matt	**1146 19 09**	10
anthracite matt	**1146 16 06**	10
aluminium matt, lacquered	**1146 14 04**	10
Berker Q.1/Q.3		
polar white velvety	**1146 60 89**	10
anthracite velvety, lacquered	**1146 60 86**	10





Berker K.1/K.5		
polar white glossy	**1147 70 09**	10
anthracite matt, lacquered	**1147 70 06**	10



Berker Arsys		
white glossy	**1147 00 02**	10
polar white glossy	**1147 00 69**	10
brown glossy	**1147 00 01**	10
light bronze matt, lacquered	**1147 90 11**	10
stainless steel matt, lacquered	**1147 90 04**	10
Berker R.1/R.3		
polar white glossy	**1146 20 89**	10
black glossy	**1146 20 45**	10



Key switches/key push-buttons

- For standardised profile half-cylinder lock, 40 mm
- For master-key systems
- Connection terminals according to IEC 60669-1 for conductors up to 2.5 mm²

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



Change-over switch 2pole for lock cylinders

Rated voltage 250 V~
Switching current 10 A

Not suitable for water-protected, flush-mounted installation IP44.

- with screw terminals
- without spreader claws

SUITABLE FOR	ORDER NO.	PAGE
Lock cylinder	1818 ..	72

i 881



DESIGN	ORDER NO.	PU
Change-over switch 2pole for lock cylinders	**3826 10**	10



Change-over switch for lock cylinders

- Earthing contact

Rated voltage 250 V~
Switching current 10 A

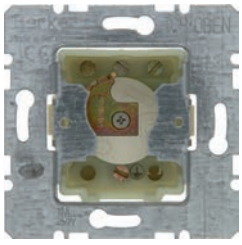
- with screw terminals
- without spreader claws

SUITABLE FOR	ORDER NO.	PAGE
Lock cylinder	1818 ..	72

i 881



DESIGN	ORDER NO.	PU
Change-over switch for lock cylinders	**3836 20**	10



Push-button for lock cylinder

- Earthing contact

Rated voltage 250 V~
Momentary-contact current 10 A

- with screw terminals
- without spreader claws
- change-over contact, usable as NC or NO

SUITABLE FOR	ORDER NO.	PAGE
Lock cylinder	1818 ..	72

i 881



DESIGN	ORDER NO.	PU
Push-button for lock cylinder	**3856 20**	10



Centre plate for key switch/key push-button

SUITABLE FOR	ORDER NO.	PAGE
Lock cylinder	1818 ..	72

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1507 89 82**	10
polar white glossy	**1507 89 89**	10
polar white matt	**1507 19 09**	10
anthracite matt	**1507 16 06**	10
aluminium matt, lacquered	**1507 14 04**	10
Berker Q.1/Q.3		
polar white velvety	**1507 60 89**	10
anthracite velvety, lacquered	**1507 60 86**	10







DESIGN	ORDER NO.	PU
Berker K.1/K.5		
polar white glossy	**1505 70 09**	10
anthracite matt, lacquered	**1505 70 06**	10
aluminium matt, lacquered	**1505 70 03**	10
stainless steel matt, lacquered	**1505 70 04**	10
Berker Arsys		
white glossy	**1505 00 12**	10
polar white glossy	**1505 00 79**	10
brown glossy	**1505 00 11**	10
light bronze matt, lacquered	**1505 90 21**	10
stainless steel matt, lacquered	**1505 90 14**	10

TIME SWITCHES

Mechanical time switches



Mechanical timer

Rated voltage	250 V~
Switching current	16 AX
Running accuracy	± 10 %

- reset with slip-clutch
- with through terminal
- without spreader claws
- with screw terminals

i 879



DESIGN	ORDER NO.	PU
2-pole off, 15 min	**2040**	1
2-pole off, 120 min	**2041**	1



Centre plate for mechanical timer, 15 min

- with time scale symbol imprint

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1632 89 82**	1
polar white glossy	**1632 89 89**	1
polar white matt	**1632 19 09**	1
anthracite matt	**1632 16 06**	1
aluminium matt, lacquered	**1632 14 04**	1
Berker Q.1/Q.3		
polar white velvety	**1632 60 89**	1
anthracite velvety, lacquered	**1632 60 86**	1







Berker K.1/K.5		
polar white glossy	**1634 71 09**	1
anthracite matt, lacquered	**1634 71 06**	1
Aluminium, aluminium anodised	**1634 71 03**	1
Stainless steel, metal matt finish	**1634 71 04**	1
Berker Arsys		
white glossy	**1634 00 02**	1
polar white glossy	**1634 00 69**	1
brown glossy	**1634 00 01**	1
light bronze matt, aluminium lacquered	**1634 01 01**	1
Stainless steel, metal matt finish	**1634 01 04**	1
gold/polar white, matt/glossy, aluminium anodised	**1634 01 02**	1
Berker R.1/R.3		
polar white glossy	**1632 20 89**	1
black glossy	**1632 20 45**	1





Centre plate for mechanical timer, 120 min

- with time scale symbol imprint

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
polar white glossy	**1633 89 89**	1
white glossy	**1633 89 82**	1
polar white matt	**1633 19 09**	1
anthracite matt	**1633 16 06**	1
aluminium matt, lacquered	**1633 14 04**	1
Berker Q.1/Q.3		
polar white velvety	**1633 60 89**	1
anthracite velvety, lacquered	**1633 60 86**	1





Berker K.1/K.5		
polar white glossy	**1635 71 09**	1
anthracite matt, lacquered	**1635 71 06**	1
Aluminium, aluminium anodised	**1635 71 03**	1
Stainless steel, metal matt finish	**1635 71 04**	1
Berker Arsys		
white glossy	**1635 00 02**	1
polar white glossy	**1635 00 69**	1
brown glossy	**1635 00 01**	1
light bronze matt, aluminium lacquered	**1635 01 01**	1
Stainless steel, metal matt finish	**1635 01 04**	1
gold/polar white, matt/glossy, aluminium anodised	**1635 01 02**	1
Berker R.1/R.3		
polar white glossy	**1633 20 89**	1
black glossy	**1633 20 45**	1





Electronic time switches



Time relay insert

Operating voltage	230/240 V~
Frequency	50/60 Hz
230 V incandescent lamps	1500 W
230 V halogen lamps	300 W
Conventional transformers	1000 VA
Electronic transformers	1500 W
Fluorescent lamps:	
- uncompensated	500 VA
- parallel compensated	150 VA
- in Duo circuit	1000 VA
Delay time, adjustable	≈ 1 min ... 1 h
Axis dimension Ø	4 mm

- is switched off when actuated in the switched-on state
- very low noise
- with extension unit input for push-button (NO contact)
- electronic timer with on/off pressure switch
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with red control LED

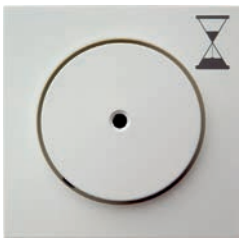
SUITABLE FOR	ORDER NO.	PAGE
optional		
Making current limiter	185	71

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Neutral conductor necessary!



DESIGN	ORDER NO.	PU
Time relay insert	**2948 10**	1



Centre plate for time relay insert

- Push-button with clear lens

- with imprint

Axis dimension Ø 4 mm

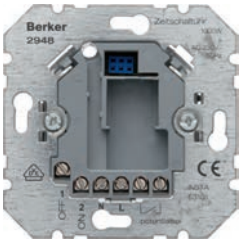
DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1674 89 82**	10
polar white glossy	**1674 89 89**	10
polar white matt	**1674 19 09**	10
anthracite matt	**1674 16 06**	10
aluminium matt, lacquered	**1674 14 04**	10



Berker Q.1/Q.3		
polar white velvety	**1674 60 89**	10
anthracite velvety, lacquered	**1674 60 86**	10



Berker R.1/R.3		
polar white glossy	**1674 20 89**	10
black glossy	**1674 20 45**	10



Insert for timer

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	1000 W
Conventional transformers	500 VA
Electronic transformers	750 W
Fluorescent lamps:	
- uncompensated	500 VA
- parallel compensated	400 VA
- in Duo circuit	1000 VA

- with 230 V extension unit inputs for on and off
- with potential-free contact
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Making current limiter	185	71

i 883

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Recommendation: use deep box.

Neutral conductor necessary!

DESIGN	ORDER NO.	PU
Insert for timer	# **2948**	1



Timer comfort for sensors

- Display



Number of switching times for on/off	18
Astronomic time shift	± 2 h
Twilight setting range	≈ 6 ... 300 lx
Running accuracy	± 1 % per month
Power reserve	≈ 24 h
Random number generator	± 15 min
Countdown function	0 ... 23 h 59 min

For manual and time-programmed switching of electrical loads.

- After charging, the timer can also be programmed when removed
- with imprint in German
- large-area display with symbols
- for sensor connection to socket contact or terminal block
- connected RolloTec brightness sensor can be used for twilight-controlled switching-on
- with slide switch for manual/automatic
- with slide switch from summer to winter time
- 2 independent programme memories for everyday/holidays
- astro programme for sunrise/sundown switching
- with preset basic programme
- with week and day programme

SUITABLE FOR	ORDER NO.	PAGE
Insert for timer	2948	35
optional		
RolloTec brightness sensor	169	125
RolloTec adapter for sensors	171	125
RolloTec brightness sensor surface-mounted	184	125

i 883









DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	# **1738 89 82**	1
polar white glossy	# **1738 89 89**	1
polar white matt	# **1738 19 09**	1
anthracite matt	# **1738 16 06**	1
aluminium matt, lacquered	# **1738 14 04**	1
Berker Q.1/Q.3		
polar white velvety	# **1738 60 89**	1
anthracite velvety, lacquered	# **1738 60 86**	1
Berker K.1/K.5		
polar white glossy	# **1738 71 09**	1
anthracite matt, lacquered	# **1738 71 06**	1
aluminium matt, lacquered	# **1738 71 03**	1
stainless steel matt, lacquered	# **1738 71 04**	1
Berker Arsys		
white glossy	# **1738 00 02**	1
polar white glossy	# **1738 00 69**	1
brown glossy	# **1738 00 01**	1
light bronze matt, lacquered	# **1738 90 11**	1
stainless steel matt, lacquered	# **1738 90 04**	1



Timer comfort

- Display

Number of switching times for on/off	18
Astronomic time shift	± 2 h
Power reserve	≈ 24 h
Random number generator	± 15 min
Countdown function	0 ... 23 h 59 min

For manual and time-programmed switching of electrical loads.

- After charging, the timer can also be programmed when removed
- with imprint in German
- large-area display with symbols
- with slide switch for manual/automatic
- with slide switch from summer to winter time
- 2 independent programme memories for everyday/holidays
- astro programme for sunrise/sundown switching
- with preset basic programme
- with week and day programme

SUITABLE FOR	ORDER NO.	PAGE
Insert for timer	2948	35

i 883









DESIGN		ORDER NO.	PU
Berker S.1/B.3/B.7			
white glossy	#	**1736 89 82**	1
polar white glossy	#	**1736 89 89**	1
polar white matt	#	**1736 19 09**	1
anthracite matt	#	**1736 16 06**	1
aluminium matt, lacquered	#	**1736 14 04**	1
Berker Q.1/Q.3			
polar white velvety	#	**1736 60 89**	1
anthracite velvety, lacquered	#	**1736 60 86**	1
Berker K.1/K.5			
polar white glossy	#	**1736 71 09**	1
anthracite matt, lacquered	#	**1736 71 06**	1
aluminium matt, lacquered	#	**1736 71 03**	1
stainless steel matt, lacquered	#	**1736 71 04**	1
Berker Arsys			
white glossy	#	**1736 00 02**	1
polar white glossy	#	**1736 00 69**	1
brown glossy	#	**1736 00 01**	1
light bronze matt, lacquered	#	**1736 90 11**	1
stainless steel matt, lacquered	#	**1736 90 04**	1



Timer Easy

- Display

Switching times for on/off per program block	2
Power reserve (maintenance-free)	≈ 4 h

For manual and time-programmed switching of electrical loads.

- display of next switching time
- large-area display with symbols
- with slide switch for manual/automatic
- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of switching times
- programmable for approx. 4 h after removing insert
- with quick programming mode
- with automatic summer-/winter time switching (can be switched off)

SUITABLE FOR	ORDER NO.	PAGE
Insert for timer	2948	35

i 883



DESIGN		ORDER NO.	PU
Berker S.1/B.3/B.7			
white glossy	#	**1735 89 82**	1
polar white glossy	#	**1735 89 89**	1
polar white matt	#	**1735 19 09**	1
anthracite matt	#	**1735 16 06**	1
aluminium matt, lacquered	#	**1735 14 04**	1



Berker Q.1/Q.3		
polar white velvety	# **1735 60 89**	1
anthracite velvety, lacquered	# **1735 60 86**	1



Berker K.1/K.5		
polar white glossy	# **1735 70 09**	1
anthracite matt, lacquered	# **1735 70 06**	1
aluminium matt, lacquered	# **1735 70 03**	1
stainless steel matt, lacquered	# **1735 70 04**	1



Berker Arsys		
white glossy	# **1735 00 02**	1
polar white glossy	# **1735 00 69**	1
brown glossy	# **1735 00 01**	1
light bronze matt, lacquered	# **1735 90 11**	1
stainless steel matt, lacquered	# **1735 90 04**	1

DIMMERS

Rotary dimmers



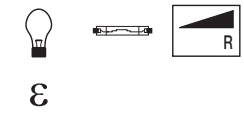
NEW

Rotary dimmer with cover plate

- Setting knob



Operating voltage	230 V~
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	60 ... 400 W
Number of built-in power boosters (R, L)	max. 10
Operating temperature	+5 ... +25 °C
Axis dimension Ø	4 mm



- bulb-preserving soft startup
- phase cut-on
- with rotary on/off switch
- short-circuit and overload proof (fine-wire fuse)
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Tronic power booster built-in (R, C)	2868	59
replacement		
Cover for rotary dimmers/rotary potentiometers	1130 ..	46

i 886

DESIGN	ORDER NO.	PU
Berker S.1		
white glossy	**2819 89 82**	1
polar white glossy	**2819 89 89**	1
polar white matt	**2819 99 09**	1
anthracite matt	* **2819 99 49**	1
aluminium matt, lacquered	* **2819 99 39**	1





Rotary dimmer 400 W

- Setting knob



Operating voltage	230/240 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	60 ... 400 W
Number of built-in power boosters (R, L)	max. 10
Axis dimension Ø	4 mm



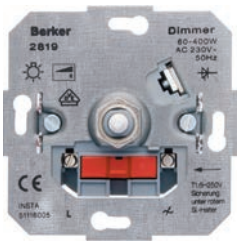
- phase cut-on
- with change-over pressure switch
- short-circuit and overload proof (fine-wire fuse)
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Power booster built-in (R, L)	2869	59

Possible to change fuse without removing cover.



DESIGN	ORDER NO.	PU
Rotary dimmer 400 W	**2830 10**	1



Rotary dimmer 400 W

- Soft locking

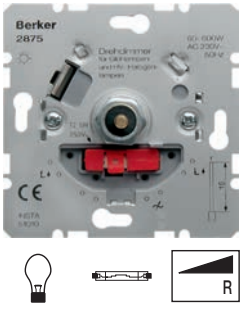
Operating voltage	230 V~
Frequency	50 Hz
Loss power at full load	≈ 4 W
230 V incandescent lamps and halogen lamps	60 ... 400 W
Number of built-in power boosters (R, L)	max. 10
Operating temperature	+5 ... +25 °C
Conductor cross-section (rigid)	max. 2,5 / 2 x 1.5 mm²
Axis dimension Ø	4 mm

Possible to change fuse without removing cover.

- bulb-preserving soft startup
- phase cut-on
- with rotary on/off switch
- short-circuit and overload proof (fine-wire fuse)
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Power booster built-in (R, L)	2869	59

DESIGN	ORDER NO.	PU
Rotary dimmer 400 W	**2819 01**	10



Rotary dimmer 600 W

- Soft locking

Operating voltage	230 V~
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	60 ... 600 W
Number of built-in Tronics or power boosters (R, L)	max. 10
Axis dimension Ø	4 mm

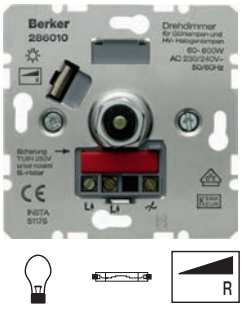
Possible to change fuse without removing cover.

- phase cut-on
- with change-over pressure switch
- voltage test possible without dismantling
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Mains decoupler RMD	187 00	71
Mains decoupler comfort RMD	1 8799 01	70
Power booster built-in (R, L)	2869	59
Tronic power booster built-in (R, C)	2868	59

i 886

DESIGN	ORDER NO.	PU
Rotary dimmer 600 W	**2875**	1



Rotary dimmer 600 W

Operating voltage	230/240 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	60 ... 600 W
Number of built-in power boosters (R, L)	max. 10
Axis dimension Ø	4 mm

Possible to change fuse without removing cover.

- phase cut-on
- with change-over pressure switch
- short-circuit and overload proof (fine-wire fuse)
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Power booster built-in (R, L)	2869	59

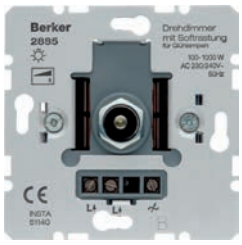
DESIGN	ORDER NO.	PU
Rotary dimmer 600 W	**2860 10**	1

DIMMERS

Product variant	ROTARY DIMMERS with cover plate	400 W	600 W	1000 W	(R, L)	Tronic 360 W (R, C)	Tronic 525 W (R, C)	Universal (R, L, C)
Picture of article								
Order no.	2819 xx xx	2830 10	2875	2885	2873	2867 10	2874	2861 10
Switching symbol								
Soft locking			■	■	■		■	■
Power output range								
min.	60 W	60 W	60 W	100 W	20 W/VA	20 W	20 W	50 W/VA
Max.	400 W	400 W	600 W	1000 W	500 W/VA	360 W	525 W	420 W/VA
LOAD TYPES								
230 V incandescent lamps and halogen lamps 	■	■	■	■	■	■	■	■
dimmable conventional transformers 					■			■
dimmable electronic transformers 						■	■	■
dimmable retrofit LED lamps 								
Dimmable energy-saving lamps 								
1-10 V 								
DALI 								
Extension units		Change-over switch[1]	Change-over switch[1]	Change-over switch[1]	Change-over switch[1]	Change-over switch[1]	Change-over switch[1]	Rotary dimmer extension unit
DESIGN COVERS/APPLICATION MODULES								
Centre plate for rotary dimmer/rotary potentiometer Order no. 1134 .. ..; 1135 .. ..; 1137	■	■	■	■	■	■	■	■
Cover plate for rotary dimmers/rotary potentiometers Order no. 1130 ..	■	■	■	■	■	■	■	■
Button, 1gang, order no. 8514 11 ..								
Button, 2gang, order no. 8514 21 ..								
KNX radio button, 1gang, order no. 8514 51 ..								
KNX radio button, 2gang, order no. 8514 61 ..								
KNX radio button, 4gang, order no. 8564 81 ..								
OPTIOAL ACCESSORIES								
Power booster built-in (R, L) order no. 2869, max.10	■	■	■	■	■			■
Tronic power booster built-in (R, C), order no. 2868, max. 10		■	■	■		■	■	■
Universal power booster Plus RMD, order no. 1 6599 01, max.						10	10	5[2] 10[3]
Making current limiter order no. 185								
Mains decoupler order no. 187 00			■		■		■ [5]	■ [6]
Mains decoupler comfort order no. 1 8799 01			■		■		■ [5]	■ [6]

[1] Switching only.
[2] Number of universal power boosters, 420 W at phase control
[3] Number of universal power boosters, 500 W for phase cut-off
[4] Number of universal power boosters, 400 W for phase cut-off.
[5] Only with control module.
[6] Only when operated without extension unit.
[7] Max. 4 rotary potentiometers parallel with up to 104 Dali devices. Only when operated without extension unit.

ROTARY POTENTIOMETERS				TOUCH DIMMERS			TOUCH DIMMERS BUILT-IN		
1-10 V	1-10 V NO contact	DALI	DALI with power supply	(R, L)	Universal 1gang	Universal 2gang	1 - 10 V push-button control unit built-in	Universal RMD (R, L, C)	Tronic built-in (R, C)
									
2891 10	2896 10	2897	2898	8542 11 00	8542 12 00	8542 21 00	2872	167 01	2943
									
■	■	■	■						
Control current 50 mA =	Control current 50 mA =	up to 64 devices	26 (104[7]) devices	25 W/VA	25 W/VA	35 W/VA per output	Control current 200 mA=	50 W/VA	50 W
Switching current max. 6 A	Mom.-contact current max. 2 A		Output current 52 mA	400 W/VA	400 W/VA	300 W/VA per output	Switching current max. 10 A	500 W/VA	700 W
				■	■	■		■	■
				■	■	■		■	
					■	■		■	■
					5 ... 70 W	12 ... 54 W			
					13 ... 80 W	15 ... 54 W			
■	■						■		
		■	■						
	Push-button NO contact			Push-button NO contact	Push-button NO contact	Push-button NO contact	Push-button NO contact	Push-button NO contact	Push-button NO contact
■	■	■	■						
■	■	■	■						
				■	■				
						■			
				■	■				
						■			
				■	■	■			
Protection for increase of switching current							Protection for increase of switching current		
									■
				2				5[2] 10[3]	10[4]
■	■						■		
■	■							■	
■	■							■	



Rotary dimmer 1000 W

- Soft locking



Operating voltage	230/240 V~
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	100 ... 1000 W
Number of built-in Tronics or power boosters (R, L)	max. 10
Axis dimension Ø	4 mm



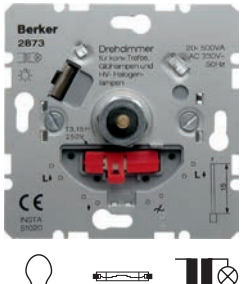


- phase cut-off
- with change-over pressure switch
- short-circuit and overload proof (electronic fuse)
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Power booster built-in (R, L)	2869	59
Tronic power booster built-in (R, C)	2868	59

i 886

DESIGN	ORDER NO.	PU
Rotary dimmer 1000 W	**2885**	1



Rotary dimmer (R, L)

- Soft locking



Operating voltage	230 V~
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	20 ... 500 W
Dimmable conventional transformers	20 ... 500 VA
Number of built-in power boosters (R, L)	max. 10
Axis dimension Ø	4 mm

Possible to change fuse without removing cover.



- phase cut-on
- basic brightness programmable
- with change-over pressure switch
- voltage test possible without dismantling
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with terminal for base load from mains isolator
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Mains decouplers		page 70
Power booster built-in (R, L)	2869	59

i 886

DESIGN	ORDER NO.	PU
Rotary dimmer (R, L)	**2873**	1



Rotary dimmer (R, L)

Operating voltage	230/240 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	20 ... 500 W
Dimmable conventional transformers	20 ... 500 VA
Number of built-in power boosters (R, L)	max. 10
Axis dimension Ø	4 mm



Possible to change fuse without removing cover.

In case of excessive switch-on currents (for conventional transformers), use switch-on current limiters order no. 185.





- phase cut-on
- with change-over pressure switch
- short-circuit and overload proof (fine-wire fuse)
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Power booster built-in (R, L)	2869	59

DESIGN	ORDER NO.	PU
Rotary dimmer (R, L)	**2866 10**	1

Tronic rotary dimmer 360 W (R, C)



Operating voltage	230/240 V~
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	20 ... 360 W
Electronic transformers	20 ... 360 W
Number of built-in Tronic power boosters (R, C)	max. 10
Number of universal power boosters, 500 W	max. 10
Axis dimension Ø	4 mm

- bulb-preserving soft startup
- phase cut-off
- very low noise
- with change-over pressure switch
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- short-circuit and overload proof (electronic fuse)
- with screw terminals

SUITABLE FOR optional	ORDER NO.	PAGE
Tronic power booster built-in (R, C)	2868	59
Universal power booster Plus RMD	1 6599 01	58

DESIGN	ORDER NO.	PU
Tronic rotary dimmer 360 W (R, C)	**2867 10**	1

Tronic rotary dimmer 525 W (R, C)

- Soft locking



Operating voltage	230 V~
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	20 ... 525 W
Electronic transformers	20 ... 525 W
Number of built-in Tronic power boosters (R, C)	max. 10
Number of universal power boosters, 500 W	max. 10
Axis dimension Ø	4 mm

- bulb-preserving soft startup
- phase cut-off
- very low noise
- with change-over pressure switch
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- voltage test possible without dismantling
- short-circuit and overload proof (electronic fuse)
- with terminal for base load from mains isolator
- with plug-in terminals

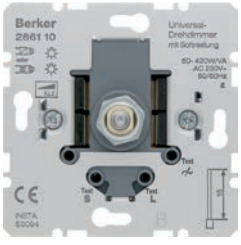
SUITABLE FOR optional	ORDER NO.	PAGE
Mains decoupler RMD	187 00	71
Mains decoupler comfort RMD	1 8799 01	70
Tronic power booster built-in (R, C)	2868	59
Universal power booster Plus RMD	1 6599 01	58

i 886

DESIGN	ORDER NO.	PU
Tronic rotary dimmer 525 W (R, C)	**2874**	1

Universal rotary dimmer (R, L, C)

- Soft locking



Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	50 ... 420 W
Dimmable conventional transformers	50 ... 420 VA
Electronic transformers	50 ... 420 W
Number of built-in Tronics or power boosters (R, L) - with identical load type	max. 10
Number of universal power boosters, 420 W at phase control	max. 5
Number of universal power boosters, 500 W for phase cut-off	max. 10
Axis dimension Ø	4 mm

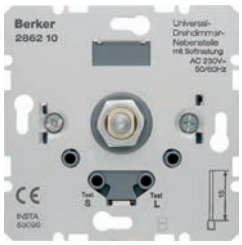
Do not connect conventional transformers together with electronic transformers.

- with input for extension units insert for universal rotary dimmer
- with brightness memory
- bulb-preserving soft startup
- phase cut-on or cut-off according to load type, self-learning
- very low noise
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- with incremental encoder
- voltage test possible without dismantling
- short-circuit and overload proof (electronic fuse)
- with plug-in terminals

SUITABLE FOR optional	ORDER NO.	PAGE
Mains decoupler RMD	187 00	71
Mains decoupler comfort RMD	1 8799 01	70
Power booster built-in (R, L)	2869	59
Tronic power booster built-in (R, C)	2868	59
Universal power booster Plus RMD	1 6599 01	58

i 887

DESIGN	ORDER NO.	PU
Universal rotary dimmer (R, L, C)	**2861 10**	1



Extension units insert for universal rotary dimmer

- Soft locking

Operating voltage	230 V~
Frequency	50/60 Hz
Number of substations	max. 5
Axis dimension Ø	4 mm

- as extension unit for universal rotary dimmer
- voltage test possible without dismantling
- with incremental encoder
- with plug-in terminals

i 887

DESIGN	ORDER NO.	PU
Extension units insert for universal rotary dimmer	**2862 10**	1

Rotary potentiometers DALI



Rotary potentiometer DALI

- Soft locking

DALI voltage	16 V= (9,5 … 22,5 V=)
Current consumption	< 2 mA
Quantity of DALI devices	max. 64
DALI cable length at 1.5 mm²	max. 200 m
Axis dimension Ø	4 mm

Possible to change fuse without removing cover.

Not suitable for combining with other DALI sensors or central units.

DALI draft according to DIN IEC 60929

Power supply required to DALI specifications DIN IEC 60929 required

- for wiring in parallel (last potentiometer setting applicable)
- basic brightness programmable
- e.g. for fluorescent lamps and LV halogen lamps
- for switching and controlling electr. ballasts and Tronic transformer with DALI interface
- with on/off pressure switch
- control is effected by central telegram (broadcast)
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with screw terminals

i 884

DESIGN	ORDER NO.	PU
Rotary potentiometer DALI	**2897**	1



DALI rotary potentiometer with power supply

- Soft locking

Rated voltage	230 V~
Frequency	50/60 Hz
DALI voltage	16 V=
Output current	max. 52 mA
Power consumption	≤ 2 W
Quantity of DALI devices with an active DALI potentiometer	26
Quantity of DALI devices with 4 active DALI potentiometers in parallel	104
DALI cable length at 1.5 mm²	max. 200 m
Axis dimension Ø	4 mm

Not suitable for combining with other DALI sensors or centres.

DALI draft according to DIN IEC 60929

- supplies the necessary control current for additional DALI users in the active operation to mains vo
- without mains voltage in passive operation on DALI voltage the unit serves as an additional control
- parallel connection of max. 4 active DALI potentiometers possible
- switch-on brightness level can be stored safe after power failure
- basic brightness programmable
- e.g. for fluorescent lamps and LV halogen lamps
- for switching and controlling electr. ballasts and Tronic transformer with DALI interface
- with on/off pressure switch
- control is effected by central telegram (broadcast)
- with incremental encoder
- short-circuit and overload proof (electronic fuse)
- with screw terminals

DESIGN	ORDER NO.	PU
DALI rotary potentiometer with power supply	**2898**	1

1-10 V Rotary potentiometers



1-10 V rotary potentiometer

- Soft locking

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current	6 A
Control current	50 mA
Axis dimension Ø	4 mm

With excessive switch-on currents, use switching current limiters order no. 185.

To ensure same illumination, use only electronic ballasts and fluorescent lamps from the same manufacturers.

Possible to change fuse without removing cover.

Interface according to DIN EN 61347-2-3

- basic brightness programmable
- e.g. for fluorescent lamps and LV halogen lamps
- for switching and controlling electronic ballasts and 1 - 10 V Tronic transformers, 105 W
- with on/off pressure switch
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Making current limiter	185	71
Mains decoupler RMD	187 00	71
Mains decoupler comfort RMD	1 8799 01	70

i 907

DESIGN	ORDER NO.	PU
1-10 V rotary potentiometer	**2891 10**	1



1 - 10 V push-button rotary potentiometer, NO contact

- Soft locking

Operating voltage	230/240 V~
Frequency	50/60 Hz
Momentary-contact current	max. 2 A
Control current	50 mA
Axis dimension Ø	4 mm

With excessive switch-on currents, use switching current limiters order no. 185.

To ensure same illumination, use only electronic ballasts and fluorescent lamps from the same manufacturers.

Possible to change fuse without removing cover.

Interface according to DIN EN 61347-2-3

- e.g. for fluorescent lamps and LV halogen lamps
- for activation of pulse relays
- with push-button, NO contact
- for controlling electronic ballasts and Tronic transformers with 1 - 10 V interface, 105 W
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Making current limiter	185	71
Mains decoupler RMD	187 00	71
Mains decoupler comfort RMD	1 8799 01	70

i 907

DESIGN	ORDER NO.	PU
1 - 10 V push-button rotary potentiometer, NO contact	**2896 10**	1

Covers for rotary dimmers/rotary potentiometers

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



Centre plate for rotary dimmer/rotary potentiometer

- Setting knob

Axis dimension Ø 4 mm

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1137 89 82**	10
polar white glossy	**1137 89 89**	10
polar white matt	**1137 19 09**	10
anthracite matt	**1137 16 06**	10
aluminium matt, lacquered	**1137 14 04**	10
Berker Q.1/Q.3		
polar white velvety	**1137 60 89**	10
anthracite velvety, lacquered	**1137 60 86**	10





Berker K.1/K.5		
polar white glossy	**1135 70 09**	10
anthracite matt, lacquered	**1135 70 06**	10
Aluminium, aluminium anodised	**1135 70 03**	10
Stainless steel, metal matt finish	**1135 70 04**	10
Berker Arsys		
white glossy	**1135 00 02**	10
polar white glossy	**1135 00 69**	10
brown glossy	**1135 00 01**	10
light bronze matt, aluminium lacquered	**1134 00 01**	10
Stainless steel, metal matt finish	**1134 00 04**	10
gold matt, aluminium anodised	**1134 00 02**	10
Berker R.1/R.3		
polar white glossy	**1137 20 89**	10
black glossy	**1137 20 45**	10







NEW

Cover for rotary dimmers/rotary potentiometers

- Setting knob

Axis dimension Ø 4 mm

SUITABLE FOR	ORDER NO.	PAGE
Rotary dimmer (R, L)	2866 10 ..	42
Rotary dimmer 400 W	2819 01 ..	39
Rotary dimmer 600 W	2860 10 ..	39

DESIGN	ORDER NO.	PU
Berker S.1		
white glossy	**1130 89 82**	10
polar white glossy	**1130 89 89**	10
polar white matt	**1130 99 09**	10
anthracite matt	* **1130 99 49**	10
aluminium matt, lacquered	* **1130 99 39**	10

BERKER.NET - CONVENTIONAL ELECTRONICS PLATFORM

Switch inserts



Relay insert

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	2300 W
230 V retrofit LED lamps	440 W
Dimmable energy-saving lamps	440 W
Fluorescent lamps:	
- uncompensated	1100 VA
- parallel compensated	1000 W /130 µF
- in Duo circuit	1000 W
- with electronical ballast (EB)	1000 W
Compact fluorescent lamps with electronic ballast	22 x 20 W
Dimmable conventional transformers	1500 VA
Electronic transformers and dual-mode transformers	1500 W
Minimum contact load	≈ 15 W
Number of substations	unlimited
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Operating temperature	-5 ... +45 °C
Housing installation depth	22 mm
Claw guidance installation depth	32 mm

Neutral conductor necessary!

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

- low intrinsic energy requirement
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- also usable as push-button relay switch
- no conductive connection between supporting ring and spreading claws
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Making current limiter	185	71

i 918

DESIGN	ORDER NO.	PU
Relay insert	**8512 12 00**	1



Switch insert 1gang

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Number of substations	unlimited
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

Only suitable for operation with dimmable loads!

Caution!
Only connect **dimmable** 230 V ESL or retrofit-LED lamps.

Do not connect inductive and capacitive loads jointly.

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

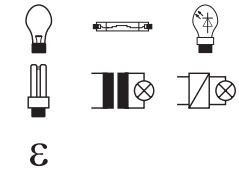
- low intrinsic energy requirement
- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- automatic setting to dimmable loads (autoDetect process)
- bulb-preserving soft startup
- short-circuit and overload proof (electronic fuse)
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- no conductive connection between supporting ring and spreading claws
- with screw terminals

i 918



DESIGN	ORDER NO.	PU
Switch insert 1gang	**8512 11 00**	1





Switch insert 2gang

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 1 W
230 V incandescent lamps and halogen lamps	per channel 35 ... 300 W
Dimmable 230 V retrofit LED lamps	per channel 12 ... 54 W
Dimmable energy-saving lamps	per channel 15 ... 54 W
Dimmable conventional transformers	per channel 35 ... 300 VA
Electronic transformers and dual-mode transformers	per channel 35 ... 300 W
Number of substations	unlimited
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

- low intrinsic energy requirement
- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- automatic setting to dimmable loads (autoDetect process)
- bulb-preserving soft startup
- short-circuit and overload proof (electronic fuse)
- with 2 extension unit inputs for push-button (NO contact), single-surface operation
- no conductive connection between supporting ring and spreading claws
- with screw terminals

i 918

Only suitable for operation with dimmable loads!

Caution!
Only connect **dimmable** 230 V ESL or retrofit-LED lamps.

Do not connect inductive and capacitive loads jointly.

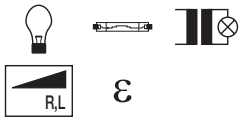
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



DESIGN	ORDER NO.	PU
Switch insert 2gang	**8512 22 00**	1

Dimmer inserts





Touch dimmer (R, L)

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Number of substations	unlimited
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm
Number of universal capacity enhancers	max. 2

- low intrinsic energy requirement
- phase cut-on
- bulb-preserving soft startup
- switch-on brightness level can be stored safe after power failure
- short-circuit and overload proof (electronic fuse)
- with extension unit input for push-button (NO contact) with single-surface operation and motion detector extension unit
- no conductive connection between supporting ring and spreading claws
- with screw terminals
- expandable with universal power boosters RMD Plus

SUITABLE FOR	ORDER NO.	PAGE
optional		
Universal power booster Plus RMD	1 6599 01	58

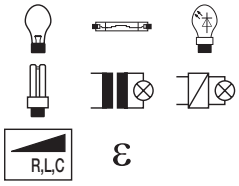
i 918

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



DESIGN	ORDER NO.	PU
Touch dimmer (R, L)	**8542 11 00**	1





Universal touch dimmer 1gang

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Number of substations	unlimited
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

- low intrinsic energy requirement
- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- automatic setting to dimmable loads (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- bulb-preserving soft startup
- short-circuit and overload proof (electronic fuse)
- with extension unit input for push-button (NO contact) with single-surface operation and motion detector extension unit
- no conductive connection between supporting ring and spreading claws
- with screw terminals

i 918

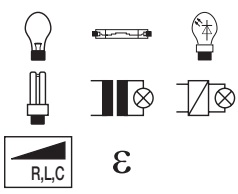
Do not connect inductive and capacitive loads jointly.

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



DESIGN	ORDER NO.	PU
Universal touch dimmer 1gang	**8542 12 00**	1





Universal touch dimmer 2gang

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	per channel 35 ... 300 W
Dimmable 230 V retrofit LED lamps	per channel 12 ... 40 W
Dimmable energy-saving lamps	per channel 15 ... 54 W
Dimmable conventional transformers	per channel 35 ... 300 VA
Electronic transformers and dual-mode transformers	per channel 35 ... 300 W
Number of substations	unlimited
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm
Power consumption, standby (Channel 1/Channel 2)	0,3/0,7 W

- low intrinsic energy requirement
- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- automatic setting to dimmable loads (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- bulb-preserving soft startup
- short-circuit and overload proof (electronic fuse)
- with 2 extension unit inputs for push-button (NO contact), single-surface operation
- no conductive connection between supporting ring and spreading claws
- with screw terminals

i 918

Do not connect inductive and capacitive loads jointly per series.

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



DESIGN	ORDER NO.	PU
Universal touch dimmer 2gang	**8542 21 00**	1

Buttons for switches/dimmers

Button 1gang

Operating voltage via insert
Operating temperature -5 ... +45 °C

- low intrinsic energy requirement
- with 2-push-buttons operation concept
- switch-on brightness level for use on dimmer insert, power failure proof, storable
- with anti-dismantling protection

SUITABLE FOR	ORDER NO.	PAGE
Relay insert	8512 12 00	47
Switch insert 1gang	8512 11 00	47
Touch dimmer (R, L)	8542 11 00	48
Universal touch dimmer 1gang	8542 12 00	49

i 918





NEW



NEW



DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**8514 11 82**	1
polar white glossy	**8514 11 89**	1
polar white matt	**8514 11 88**	1
anthracite matt, lacquered	**8514 11 85**	1
aluminium matt, lacquered	**8514 11 83**	1
Berker Q.1/Q.3		
polar white velvety	* **8514 11 29**	1
anthracite velvety, lacquered	* **8514 11 26**	1
Berker K.1/K.5		
polar white glossy	* **8514 11 79**	1
anthracite matt, lacquered	* **8514 11 75**	1
aluminium, matt, lacquered	* **8514 11 77**	1
stainless steel matt, lacquered	* **8514 11 73**	1
Berker R.1/R.3		
polar white glossy [1]	**8514 11 39**	1
black glossy [1]	**8514 11 31**	1

[1] no dismantling protection possible



Button 2gang

Operating voltage via insert
Operating temperature -5 ... +45 °C

- low intrinsic energy requirement
- with 2-push-buttons operation concept per series
- switch-on brightness level for use on dimmer insert, power failure proof, storable
- with anti-dismantling protection

SUITABLE FOR	ORDER NO.	PAGE
Switch insert 2gang	8512 22 00	48
Universal touch dimmer 2gang	8542 21 00	49

i 918





NEW

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**8514 21 82**	1
polar white glossy	**8514 21 89**	1
polar white matt	**8514 21 88**	1
anthracite matt, lacquered	**8514 21 85**	1
aluminium matt, lacquered	**8514 21 83**	1
Berker Q.1/Q.3		
polar white velvety	* **8514 21 29**	1
anthracite velvety, lacquered	* **8514 21 26**	1



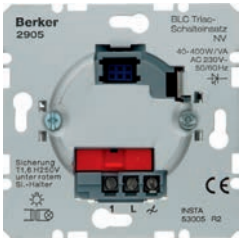


DESIGN	ORDER NO.	PU
Berker K.1/K.5		
polar white glossy	* **8514 21 79**	1
anthracite matt, lacquered	* **8514 21 75**	1
aluminium, matt, lacquered	* **8514 21 77**	1
stainless steel matt, lacquered	* **8514 21 73**	1
Berker R.1/R.3		
polar white glossy [1]	**8514 21 39**	1
black glossy [1]	**8514 21 31**	1

[1] no dismantling protection possible

BLC - BERKER LIGHT CONTROL

BLC switches







BLC triac insert (R, L)

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	40 ... 400 W
Dimmable conventional transformers	40 ... 400 VA
Operating temperature	-20 ... +45 °C

Light scene function (On/Off) in conjunction with BLC radio button.

Possible to change fuse without removing cover.

- when cover is detached, the switch status is retained (wallpaper function)
- bulb-preserving soft startup
- phase cut-on
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
BLC push-buttons		page 55
BLC controllers		page 90
BLC presence detectors		page 97

i 889



DESIGN	ORDER NO.	PU
BLC triac insert (R, L)	# **2905**	1







BLC tronic insert (R, C)

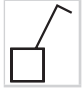
Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	50 ... 420 W
Electronic transformers	50 ... 420 W
Operating temperature	-20 ... +45 °C

Light scene function (On/Off) in conjunction with BLC radio button.

- when cover is detached, the switch status is retained (wallpaper function)
- bulb-preserving soft startup
- phase cut-off
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- short-circuit and overload proof (electronic fuse)
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
BLC push-buttons		page 55
BLC controllers		page 90
BLC presence detectors		page 97

i 889



DESIGN	ORDER NO.	PU
BLC tronic insert (R, C)	# **2916**	1



BLC relay insert

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	2300 W
Conventional transformers	1000 VA
Electronic transformers	1500 W
Fluorescent lamps:	
- uncompensated	1200 VA
- parallel compensated	920 VA
- in Duo circuit	2300 VA
Operating temperature	-20 ... +45 °C
Insertion depth	22 mm

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Light scene function (On/Off) in conjunction with BLC radio button.

Neutral conductor necessary!

- when cover is detached, the switch status is retained (wallpaper function)
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- also usable as push-button relay switch
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
BLC push-buttons		page 55
BLC controllers		page 90
BLC presence detectors		page 97
optional		
Making current limiter	185	71

i 889

DESIGN	ORDER NO.	PU
BLC relay insert	# **2906**	1



BLC relay insert

- Potential-free contact

Operating voltage	230 V~
Frequency	50/60 Hz
Minimum load (at 12 V)	100 mA
230 V incandescent lamps	800 W
230 V halogen lamps	750 W
Operating temperature	+5 ... +35 °C

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Light scene function (On/Off) in conjunction with BLC radio button.

Neutral conductor necessary!

- when cover is detached, the switch status is retained (wallpaper function)
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- also usable as push-button relay switch
- potential-free contact for function extra-low voltage FELV (only change-over voltage) suitable
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
BLC push-buttons		page 55
BLC controllers		page 90
BLC presence detectors		page 97
optional		
Making current limiter	185	71

i 889

DESIGN	ORDER NO.	PU
BLC relay insert	# **2906 10**	1



BLC relay insert HVAC

Operating voltage	230 V~
Frequency	50/60 Hz
Motor switching current (HLK channel)	2.1 A
230 V incandescent lamps and halogen lamps	1000 W
Conventional transformers	750 VA
Electronic transformers	750 W
230 V incandescent lamps (HVAC-channel)	800 W
230 V halogen lamps (HVAC-channel)	750 W
Fluorescent lamps:	
- uncompensated	500 VA
- in Duo circuit	1000 VA
Switch on delay HVAC-channel	0/3 min
HVAC-channel adjustable	≈ 2/10/30/60/120 min

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Light scene function (On/Off) in conjunction with BLC radio button.

Neutral conductor necessary!

- when cover is detached, the switch status is retained (wallpaper function)
- switch on delay for HVAC channel can be activated/ deactivated permanently with BLC button
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- also usable as push-button relay switch
- with delay time HVAC relay contact for e.g. valve drive, thermostat, fan ...
- potential-free HVAC contact suitable for function extra-low voltage FELV (only alternating voltage)
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
BLC push-buttons		page 55
BLC controllers		page 90
BLC presence detectors		page 97
optional		
Making current limiter	185	71

i 889

DESIGN		ORDER NO.	PU
BLC relay insert HVAC	#	**2912**	1



BLC insert for timer

Operating voltage	230 V~
Frequency	50 Hz
Control cable length	max. 100 m
Conductor cross-section (rigid)	max. 4 mm²
Operating temperature	+5 ... +35 °C
Insertion depth	22 mm

Note:
Delay time setting, switch-off prewarning and functions for off/automatic/continuous on are carried out on the BLC timer RMD for the stairway light.

For 3-conductor circuit with neutral conductor and for 4-conductor circuit with neutral conductor or phase.

Only suitable for BLC controller with imprint release issue “R3”.

For upgrading of stairwell light and pulse circuits without additional wiring.

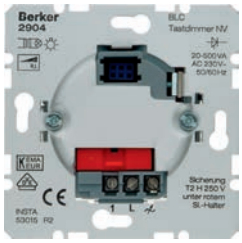
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
BLC push-buttons		page 55
BLC controllers		page 90
BLC presence detectors		page 97
BLC timer RMD for stairway light	163 01	89

i 889

DESIGN		ORDER NO.	PU
BLC insert for timer	#	**2934 10**	1

BLC dimmers



BLC touch dimmer (R, L)

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	20 ... 500 W
Dimmable conventional transformers	20 ... 500 VA
Number of built-in power boosters (R, L)	max. 10
Operating temperature	-20 ... +45 °C

Light scene function (On/Off, dimming value) in conjunction with BLC radio button.

Possible to change fuse without removing cover.

- when cover is detached, the switch status is retained (wallpaper function)
- bulb-preserving soft startup
- phase cut-on
- switch-on brightness memory function
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
BLC push-buttons		page 55
BLC controllers		page 90
BLC presence detectors		page 97
optional		
Power booster built-in (R, L)	2869 ..	59

i 889

DESIGN	ORDER NO.	PU
BLC touch dimmer (R, L)	# **2904**	1



BLC universal touch dimmer (R, L, C)

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	50 ... 420 W
Dimmable conventional transformers	50 ... 420 VA
Electronic transformers	50 ... 420 W
Number of built-in Tronics or power boosters (R, L) - with identical load type	max. 10
Number of universal power boosters, 420 W at phase control	max. 5
Number of universal power boosters, 500 W for phase cut-off	max. 10
Operating temperature	-20 ... +45 °C
Insertion depth	22 mm

Light scene function (On/Off, dimming value) in conjunction with BLC radio button.

Do not connect conventional transformers together with electronic transformers.

- when cover is detached, the switch status is retained (wallpaper function)
- bulb-preserving soft startup
- phase cut-on or cut-off according to load type, self-learning
- switch-on brightness level can be stored safe after power failure
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- short-circuit and overload proof (electronic fuse)
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
BLC push-buttons		page 55
BLC controllers		page 90
BLC presence detectors		page 97
optional		
Mains decoupler RMD	187 00	71
Mains decoupler comfort RMD	1 8799 01	70
Power booster built-in (R, L)	2869	59
Tronic power booster built-in (R, C)	2868	59
Universal power booster Plus RMD	1 6599 01	58

i 889

DESIGN	ORDER NO.	PU
BLC universal touch dimmer (R, L, C)	# **2902**	1



BLC 1 - 10 V push-button control unit

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current	3.04 A
Control current	50 mA
Operating temperature	+5 ... +35 °C

Light scene function (On/Off, dimming value) in conjunction with BLC radio button.

In case of excessive switch-on currents use switch-on current limiters order no. 185.

To ensure same illumination, use only electronic ballasts and fluorescent lamps from the same manufacturers.

Neutral conductor necessary!

Interface according to DIN EN 61347-2-3

- when cover is detached, the switch status is retained (wallpaper function)
- basic brightness programmable
- switch-on brightness level can be stored safe after power failure
- e.g. for fluorescent lamps and LV halogen lamps
- for switching and controlling electronic ballasts and 1 - 10 V Tronic transformers, 105 W
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
BLC push-buttons		page 55
BLC controllers		page 90
BLC presence detectors		page 97
optional		
Making current limiter	185	71

i 889

DESIGN		ORDER NO.	PU
BLC 1 - 10 V push-button control unit	#	**2903**	1

BLC extension units



BLC extension unit

Operating voltage	230 V~
Frequency	50/60 Hz
Insertion depth	22 mm

- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
BLC push-buttons		page 55
optional		
Mains decoupler RMD	187 00	71
Mains decoupler comfort RMD	1 8799 01	70

i 889

DESIGN		ORDER NO.	PU
BLC extension unit	#	**2907**	1

BLC push-buttons



BLC push-button

- with 2-push-buttons operation concept
- switch-on brightness for BLC dimmer insert mains-failure protection storable

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 51
BLC dimmers		page 54
BLC insert for timer	2934 10	53
BLC extension unit	2907	55

i 889

DESIGN		ORDER NO.	PU
Berker S.1/B.3/B.7			
white glossy	#	**1761 89 82**	1
polar white glossy	#	**1761 89 89**	1
polar white matt	#	**1761 19 09**	1
anthracite matt	#	**1761 16 06**	1
aluminium matt, lacquered	#	**1761 14 04**	1
Berker Q.1/Q.3			
polar white velvety	#	**1761 60 89**	1
anthracite velvety, lacquered	#	**1761 60 86**	1

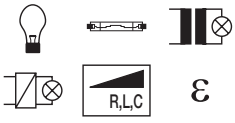




DESIGN		ORDER NO.	PU
Berker K.1/K.5			
polar white glossy	#	**1761 70 09**	1
anthracite matt, lacquered	#	**1761 70 06**	1
Aluminium, aluminium anodised	#	**1761 70 03**	1
Stainless steel, metal matt finish	#	**1761 70 04**	1
Berker Arsys			
white glossy		**1761 00 02**	1
polar white glossy		**1761 00 69**	1
brown glossy		**1761 00 01**	1
light bronze matt, aluminium lacquered		**1761 00 11**	1
Stainless steel, metal matt finish		**1761 00 04**	1
gold matt, aluminium anodised		**1761 00 12**	1

SERIES TOUCH DIMMERS





Universal series touch dimmer (R, L, C)

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	50 ... 260 W
Dimmable conventional transformers	50 ... 260 VA
Electronic transformers	50 ... 260 W
Number of built-in Tronics or power boosters (R, L) - with identical load type	max. 10

Do not connect conventional transformers to one output together with electronic transformers.

- bulb-preserving soft startup
- phase cut-on or cut-off per series according to load type, self-learning
- very low noise
- switch-on brightness retained for series on mains power failure
- for 2 independent lighting groups
- an extension input for both series by means of BLC extension unit
- short-circuit and overload proof (electronic fuse)
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Power booster built-in (R, L)	2869	59
Tronic power booster built-in (R, C)	2868	59
Universal power booster Plus RMD	1 6599 01	58

i 887



DESIGN		ORDER NO.	PU
Universal series touch dimmer (R, L, C)	#	**2901**	1



Button for universal series touch dimmer

- with 2-push-buttons operation concept per series
- for 2 independent lighting groups

i 887







DESIGN		ORDER NO.	PU
Berker S.1/B.3/B.7			
white glossy	#	**1765 89 82**	1
polar white glossy	#	**1765 89 89**	1
polar white matt	#	**1765 19 09**	1
anthracite matt	#	**1765 16 06**	1
aluminium matt, lacquered	#	**1765 14 04**	1
Berker Q.1/Q.3			
polar white velvety	#	**1765 60 89**	1
anthracite velvety, lacquered	#	**1765 60 86**	1
Berker K.1/K.5			
polar white glossy	#	**1765 70 09**	1
anthracite matt, lacquered	#	**1765 70 06**	1
Aluminium, aluminium anodised	#	**1765 70 03**	1
Stainless steel, metal matt finish	#	**1765 70 04**	1

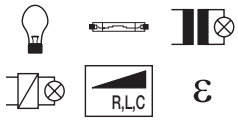


DESIGN	ORDER NO.	PU
Berker Arsys		
white glossy	**1765 00 02**	1
polar white glossy	**1765 00 69**	1
brown glossy	**1765 00 01**	1
light bronze matt, aluminium lacquered	**1765 00 11**	1
Stainless steel, metal matt finish	**1765 00 04**	1
gold matt, aluminium anodised	**1765 00 12**	1

(BUILT-IN) DIMMERS/POWER BOOSTERS

Built-in dimmers





Universal touch dimmer RMD (R, L, C)

Operating voltage	230/240 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	50 ... 500 W
Dimmable conventional transformers	50 ... 500 VA
Electronic transformers	50 ... 500 W
Number of universal power boosters, 420 W at phase control	max. 5
Number of universal power boosters, 500 W for phase cut-off	max. 10
Control cable length	max. 100 m
Load cable length	max. 100 m
Dimensions (W x H x D)	36 x 90 x 70 mm
Width of rail mounted device (RMD)	2 TE
Assembling height as from DIN rail	63 mm

Do not connect conventional transformers together with electronic transformers.

When using multiple dimmer or power boosters with a control cabinet, maintain a minimum spacing of 1 module width.

- two-surface operation with BLC extension unit on extension unit input
- single-surface operation with push-button (NO contact) on extension unit input
- with 2 manual buttons (2-surface operation) for ON (brighter) and OFF (darker)
- bulb-preserving soft startup
- phase cut-on or cut-off according to load type, self-learning
- switch-on brightness level can be stored safe after power failure
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- with green indicator LED
- short-circuit and overload proof (electronic fuse)
- with screw terminals

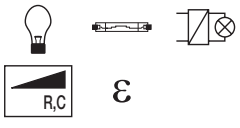
SUITABLE FOR	ORDER NO.	PAGE
optional		
Mains decoupler RMD	187 00	71
Mains decoupler comfort RMD	1 8799 01	70
Power booster built-in (R, L)	2869	59
Tronic power booster built-in (R, C)	2868	59
Universal power booster Plus RMD	1 6599 01	58

i 888



DESIGN	ORDER NO.	PU
light grey	**167 01**	1





Tronic touch dimmer built-in (R, C)

Operating voltage	230 V~
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	50 ... 700 W
Electronic transformers	50 ... 700 W
Number of built-in/RMD power boosters	max. 10
Number of universal capacity enhancers, 400 W	max. 10
Dimensions (L x W x H)	212 x 48.5 x 46 mm

- with extension unit input for BLC extension unit and push-button (NO contact), single-surface operating concept
- bulb-preserving soft startup
- phase cut-off
- with selectable brightness memory
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- short-circuit and overload proof (electronic fuse)
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Tronic power booster built-in (R, C)	2868	59
Universal power booster Plus RMD	1 6599 01	58

i 888



DESIGN	ORDER NO.	PU
polar white	# **2943**	1



1 - 10 V push-button control unit built-in

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current	10 A
Control current	200 mA
Dimensions (L x W x H)	175 x 42 x 18 mm

With excessive switch-on currents, use switching current limiters order no. 185.

To ensure same illumination, use only electronic ballasts and fluorescent lamps from the same manufacturers.

Neutral conductor necessary!

Interface according to DIN EN 61347-2-3

- basic brightness programmable
- with extension unit input for push-button (NO contact) with single-surface operation
- bulb-preserving soft startup
- e.g. for fluorescent lamps and LV halogen lamps
- with selectable brightness memory
- alarm zones can be activated individually or linked
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Making current limiter	185	71

i 907

DESIGN		ORDER NO.	PU
polar white	#	**2872**	1

Built-in power boosters



Universal power booster Plus RMD

Operating voltage	230/240 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	200 ... 500 W
Dimmable conventional transformers	200 ... 420 VA
Electronic transformers	200 ... 500 W
Control cable length	max. 100 m
Load cable length	max. 100 m
Dimensions (W x H x D)	36 x 90 x 70 mm
Width of rail mounted device (RMD)	2 TE
Assembling height as from DIN rail	63 mm

Do not connect conventional transformers together with electronic transformers.

When using multiple dimmer or power boosters with a control cabinet, maintain a minimum spacing of 1 module width.

- bulb-preserving soft startup
- common load switching for dimmer and power booster
- phase cut-on or cut-off according to load type, self-learning
- with selectable brightness memory
- short-circuit and overload proof (electronic fuse)
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Universal dim actuators		page 840
BLC universal touch dimmer (R, L, C)	2902	54
Tronic rotary dimmer 360 W (R, C)	2867 10	43
Tronic rotary dimmer 525 W (R, C)	2874	43
Tronic touch dimmer built-in (R, C)	2943	57
Universal rotary dimmer (R, L, C)	2861 10	43
Universal rotary dimmer with centre plate (R, L, C)	2834 ..	491
Universal series touch dimmer (R, L, C)	2901	56
Universal touch dimmer RMD (R, L, C)	167 01	57
Touch dimmer (R, L)	8542 11 00	48
Radio universal dim actuator built-in	181	710
Radio universal corded dim actuator	128	711
Radio universal dim actuator RMD	9455 01 00	714
optional		
Mains decouplers		page 70

i 888

DESIGN	ORDER NO.	PU
light grey	**1 6599 01**	1



Tronic power booster built-in (R, C)

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	100 ... 700 W
Electronic transformers	100 ... 700 W
Dimensions (L x W x H)	212 x 48.5 x 46 mm

Neutral conductor necessary!

- bulb-preserving soft startup
- phase cut-off
- short-circuit and overload proof (electronic fuse)
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Rotary dimmer 600 W	2875	39
Rotary dimmer 1000 W	2885	42
Radio universal dim actuator built-in	181	710
Rotary dimmer with cover plate	2819 ..	38
Tronic rotary dimmer 360 W (R, C)	2867 10	43
Tronic rotary dimmer 525 W (R, C)	2874	43
Tronic touch dimmer built-in (R, C)	2943	57
Universal rotary dimmer (R, L, C)	2861 10	43
Universal rotary dimmer with centre plate (R, L, C)	2834 ..	491
Universal touch dimmer RMD (R, L, C)	167 01	57
Universal series touch dimmer (R, L, C)	2901	56
BLC universal touch dimmer (R, L, C)	2902	54
Universal dim actuator flush-mounted	7534 10 03	850
Radio universal dim actuator flush-mounted	9455 02 00	710
Radio universal dim actuator RMD	9455 01 00	714
Radio universal corded dim actuator	128	711

i 888

DESIGN	ORDER NO.	PU
polar white	# **2868**	1



Power booster built-in (R, L)

Operating voltage	230 V~
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	100 ... 600 W
Dimmable conventional transformers	100 ... 600 VA
Dimensions (L x W x H)	212 x 48.5 x 46 mm

With excessive switch-on currents, use switching current limiters order no. 185.

Neutral conductor necessary!

- bulb-preserving soft startup
- phase cut-on
- short-circuit and overload proof (electronic fuse)
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Universal rotary dimmer with centre plate (R, L, C)	2834 ..	491
Universal dim actuator flush-mounted	7534 10 03	850
Rotary dimmer 400 W	2819 01 ..	39
Rotary dimmer 400 W	2830 10	38
Rotary dimmer 600 W	2860 10 ..	39
Rotary dimmer (R, L)	2866 10 ..	42
BLC touch dimmer (R, L)	2904	54
Rotary dimmer 1000 W	2885	42
Radio universal dim actuator flush-mounted	9455 02 00	710
Radio universal corded dim actuator	128	711
Radio universal dim actuator built-in	181	710
Universal series touch dimmer (R, L, C)	2901	56
Radio universal dim actuator RMD	9455 01 00	714
Rotary dimmer (R, L)	2873	42
Rotary dimmer 600 W	2875	39
Universal touch dimmer RMD (R, L, C)	167 01	57
Universal rotary dimmer (R, L, C)	2861 10	43
BLC universal touch dimmer (R, L, C)	2902	54
optional		
Making current limiter	185	71

i 888

DESIGN	ORDER NO.	PU
polar white	# **2869**	1

Corded dimmers



Corded dimmer (R, L)

Operating voltage	230 V~
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	20 ... 500 W
Dimmable conventional transformers	20 ... 500 VA
Dimensions (L x W x H)	126 x 60 x 30 mm

- for hand and foot operation
- bulb-preserving soft startup
- phase cut-on
- for table and standing lamps
- short-circuit and overload proof (fine-wire fuse)
- with temperature protection
- with strain relief
- with screw terminals

DESIGN	ORDER NO.	PU
polar white	**2744 09**	1
black	**2744**	1
gold matt, lacquered	**2744 18**	1

TRANSFORMERS

Corded tansformers



Corded transformer 105 W

- Dimmable

Operating voltage	230 V~
Frequency	50 Hz
Secondary voltage (effective)	3.1 ... 11.8 V~
Secondary frequency	≈ 40 kHz
12 V halogen lamps	20 ... 105 W
Secondary cable length	max. 2 m
Dimensions (L x W x H)	150 x 70 x 36 mm

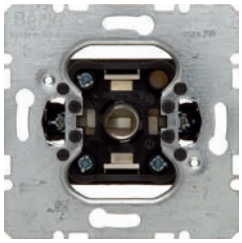
- with sliding controller
- for hand and foot operation
- bulb-preserving soft startup
- for table and standing lamps
- input and output electrically isolated
- short-circuit and overload proof (electronic fuse)
- with overvoltage protection
- with overheating protection
- with strain relief
- tronic transformer
- no-load proof
- with screw terminals

Spike-resistant to 1500 V according to EN 61047
Safety transformer according to VDE 0712-32

DESIGN	ORDER NO.	PU
polar white	**2743 09**	1
black	**2743**	1
gold matt, lacquered	**2743 18**	1

PILOT LAMPS

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



Push-button/pilot lamp E10

Rated voltage	250 V~
Momentary-contact current	2 A
Incandescent lamp power	max. 2 W

- for illumination and monitoring circuit
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Cover for push-button/pilot lamp E10	1247 00 04	69
Knob for push-button/pilot lamp E10	1279 ..	69
Cover for push-button/pilot lamp E10	128 ..	69
Neon lamp E10	1601	68
LED lamp E10	1678 ..	68

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DESIGN	ORDER NO.	PU
Push-button/pilot lamp E10, NO contact	**5101**	10
Push-button/pilot lamp E10, NO contact, 2 separate signal contacts	**5101 10**	10



Centre plate for push-button/pilot lamp E10

Cut-out Ø 27.2 mm

■ centre plate for plug-in fixing

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1124 89 82**	10
polar white glossy	**1124 89 89**	10
polar white matt	**1124 19 09**	10
anthracite matt	**1124 16 06**	10
aluminium matt, lacquered	**1124 14 04**	10

Berker Q.1/Q.3		
polar white velvety	**1124 60 89**	10
anthracite velvety, lacquered	**1124 60 86**	10





Berker K.1/K.5		
polar white glossy	**1165 70 09**	10
anthracite matt, lacquered	**1165 70 06**	10
aluminium matt, lacquered	**1165 70 03**	10
stainless steel matt, lacquered	**1165 70 04**	10
Berker Arsys		
light bronze matt, aluminium lacquered	**1165 01 01**	10
Stainless steel, metal matt finish	**1165 01 04**	10
gold matt, aluminium anodised	**1165 01 02**	10
Berker R.1/R.3		
polar white glossy	**1124 20 89**	10
black glossy	**1124 20 45**	10





Centre plate for push-button/pilot lamp E10

- Labelling field

■ centre plate for plug-in fixing

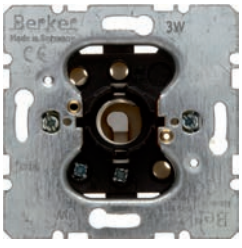
Cut-out Ø 27.2 mm

For push-buttons and covers, see “Supplementary products”.

For push-buttons with hinged covers, use hinged cover, order no. 1140..

Labelling field height designed for 6 mm P-touch strips.

DESIGN	ORDER NO.	PU
Berker Arsys		
white glossy	**1165 00 02**	10
polar white glossy	**1165 00 69**	10
brown glossy	**1165 00 01**	10



Pilot lamp E14

Rated voltage 250 V~
Incandescent lamp power max. 3 W
Long lamp base max. 23.5 mm

■ with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Cover for pilot lamp E14		page 69
Incandescent lamp E14		page 68
LED lamp E14		page 68

DESIGN	ORDER NO.	PU
Pilot lamp E14	**5131 02**	10



Centre plate for pilot lamp E14

For LEDs, incandescent lamps and covers see “Supplementary products”.

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1198 89 82**	10
polar white glossy	**1198 89 89**	10
polar white matt	**1198 19 09**	10
anthracite matt	**1198 16 06**	10
aluminium matt, lacquered	**1198 14 04**	10
Berker Q.1/Q.3		
polar white velvety	**1198 60 89**	10
anthracite velvety, lacquered	**1198 60 86**	10





Berker K.1/K.5		
polar white glossy	**1167 70 09**	10
anthracite matt, lacquered	**1167 70 06**	10
aluminium matt, lacquered	**1167 70 03**	10
stainless steel matt, lacquered	**1167 70 04**	10
Berker Arsys		
white glossy	**1167 00 02**	10
polar white glossy	**1167 00 69**	10
brown glossy	**1167 00 01**	10
light bronze matt, lacquered	**1167 90 11**	10
stainless steel matt, lacquered	**1167 90 04**	10



Berker R.1/R.3		
polar white glossy	**1198 20 89**	10
black glossy	**1198 20 45**	10



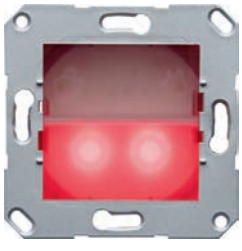
LED orientation light

Operating voltage	230 V~
Frequency	50 Hz
Power consumption	1.8 ... 2 W
Light intensity (white)	1.2 cd
Operating temperature	-15 ... +40 °C

- LED brightness continuously adjustable
- e.g. for lighting of steps or as a point of reference in dark rooms
- individual colour from colour sequence can be saved permanently via control input
- light colours white, blue, red, green, orange and colour sequence adjustable via control input
- with 4 RGB LEDs



DESIGN	ORDER NO.	PU
LED orientation light	**2951**	1



LED signal light

Operating voltage	230 V~
Frequency	50 Hz
Power consumption	1 ... 5.6 W
Light intensity (red/green)	0.1 ... 0.3 cd
Operating temperature	-15 ... +40 °C

- homogenous illumination of the separately switchable red and green halves
- signalling systems for surgeries, conference rooms, hotel rooms, etc.
- with 4 monochrome LEDs



DESIGN	ORDER NO.	PU
LED signal light	**2952**	1

Cover for LED orientation/signal light

- with printed label sheets “Bitte warten/Bitte eintreten” and “Do not disturb/make up room”
- with milky foil, for individual labelling



DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
transparent	**1248 19 00**	1
Berker Q.1/Q.3		
polar white velvety	**1248 60 89**	1
anthracite velvety, lacquered	**1248 60 86**	1
Berker K.1/K.5		
polar white glossy	**1248 70 09**	1
anthracite matt, lacquered	**1248 70 06**	1
aluminium matt, lacquered	**1248 70 03**	1
stainless steel matt, lacquered	**1248 70 04**	1

Info pilot lamp



Operating voltage 230 V~
Frequency 50/60 Hz

- with screw terminals

Use only in conjunction with cover for info pilot lamp.

i 884

DESIGN	ORDER NO.	PU
Info pilot lamp	**2949**	1

Cover for info pilot lamp



Current consumption 25 mA
Power, LED 800 mW

Printed labels supplied: “Nicht eintreten”, “Besetzt”, “Bitte eintreten”, “Bitte Ruhe”, “Bitte warten”.

- with clear cover plate
- with 4 light intensive LEDs
- very long LED lifetime

SUITABLE FOR	ORDER NO.	PAGE
Cover plate for info pilot lamp		page 69

i 884





DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1345 89 82**	1
polar white glossy	**1345 89 89**	1
polar white matt	**1345 19 09**	1
anthracite matt	**1345 16 06**	1
aluminium matt, lacquered	**1345 14 04**	1
Berker Q.1/Q.3		
polar white velvety	**1345 60 89**	1
anthracite velvety, lacquered	**1345 60 86**	1
Berker K.1/K.5		
polar white glossy	**1345 70 09**	1
anthracite matt, lacquered	**1345 70 06**	1
aluminium matt, lacquered	**1345 70 03**	1
stainless steel matt, lacquered	**1345 70 04**	1



DESIGN	ORDER NO.	PU
Berker Arsys		
white glossy	**1345 00 02**	1
polar white glossy	**1345 00 69**	1
brown glossy	**1345 00 01**	1
light bronze matt, lacquered	**1345 90 11**	1
stainless steel matt, lacquered	**1345 90 04**	1

SUPPLEMENTARY PRODUCTS

		LED unit with N terminal	Glow lamp unit with N-terminal	LED unit with N terminal	Neon lamp unit with N terminal	Neon lamp unit with N terminal for pullcord switch	Neon lamp unit 230 V~	Series LED unit with N terminal	Neon lamp unit 400 V~
									
		1687	1676 6 V 1676 02 12 V 1676 01 24 V 1676 03 48 V	1686 1 mA 1686 01 0.4 mA	1675 1 mA 1675 04 0.4 mA	1605 10 1 mA 1605 14 0.4 mA	1600 02	1680	1600
DESIGNATION	**ORDER NO.**	**12 ... 48 V**	**6 ... 48 V**	**230 V~**					**400 V~**
Rocker switches									
Change-over switch	3016 40 3036 3036 50 3076 25 3176 05	■	■	■	■				
Intermediate switch	3037	■	■	■	■				
Multi-pole rocker switches									
On/off switch 2pole 10 AX	3012 40 3032 3172 05	■	■	■	■				
On/off switch 2pole 16 AX	3032 12						■		
On/off switch, 3pole	3033 03								■
Rocker switches, 2gang									
Series switch	3035 3035 50	■ 1)	■ 1)		■ 1)			■	
Double change-over switch	3038 08						■ 1)		
Rocker push-buttons									
Push-button, NO contact	5031 5031 50	■	■	■	■				
Push-button, change-over	5006 99 40 5036 5076 05	■	■	■	■				
Push-button, NO contact, 2 separate signal contacts	5031 01 5071 05	■	■	■	■				
Push-button, NO contact + NC contact	5032 03	■	■	■	■				
Series push-buttons									
Series push-button, 2 NO contacts	5035 5035 03	■ 1)	■ 1)		■ 1)				
Series push-button, 1 NO contact + 1 NC contact	5035 01	■ 1)	■ 1)		■ 1)				
Series push-button 2 change-overs	5038 08						■ 1)		
Group series push-button, 4 NO contacts	5034 04						■ 1)		
Pullcord switches									
Pullcord switch off/change-over	3966					■			
Heating emergency switch									
Control change-over switch with imprint, "Heizung Notschalter"	3566 05	■	■	■	■				
Control on/off switch 2-pole with imprint "Heizung Notschalter - 0“	3562 05	■	■	■	■				
Combination switch/socket outlet									
Combination change-over switch/ SCHUKO socket outlet with hinged cover surfacemounted, red lens	4781 05	■	■	■	■				
Push-buttons for hotel card									
Push-button for hotel card, NO contact	5051 02	■	■	■	■				
Push-button for hotel card, change-over	5056 01	■	■	■	■				
Push-button for hotel card, NO contact, 2 separate signal contacts	5051 03	■	■	■	■				
Push-button for hotel card, NO contact + NC contact	5052 01	■	■	■	■				

■ Suitable for degree of protection IP44

1) Only single lighting possible

Glow and neon lamp units

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



Incandescent lamp unit with N terminal

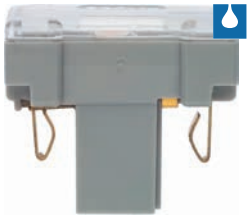
Not suitable for push-button and pullcord switches, rocker switches and rocker push-buttons from the years 1985 to 1995.

Refer to the overview for the matching flush-mounted inserts.

- for illumination and monitoring circuit
- for change-over/intermediate switch and on/off switch, 2-pole, 10 AX
- for rocker push-buttons and multiple rockers push-buttons, except order no. 503404, 503808
- for series switch illuminated

i 878

DESIGN	ORDER NO.	PU
brown, 6 V, 35 mA	**1676**	10
yellow, 12 V, 65 mA	**1676 02**	10
green, 24 V, 35 mA	**1676 01**	10
red, 48 V, 25 mA	**1676 03**	10



Neon lamp unit with N terminal

Not suitable for push-button and pullcord switches, rocker switches and rocker push-buttons from the years 1985 to 1995.

When several neon lamp units are used, the lamp current may result in malfunctioning of the relay/pulse relay. Remedy: Carry along a neutral conductor or connect a capacitor 230 V (1 µF per 10 mA neon lamp current) in parallel with the coil.

Refer to the overview for the matching flush-mounted inserts.

- for illumination and monitoring circuit
- for change-over/intermediate switch and on/off switch, 2-pole, 10 AX
- for rocker push-buttons and multiple rockers push-buttons, except order no. 503404, 503808
- for series switch illuminated

i 878

DESIGN	ORDER NO.	PU
grey, 230 V~, 1 mA	**1675**	10
orange, 230 V~, 0.4 mA	**1675 04**	10



Neon lamp unit with N terminal

Not suitable for water-protected installations with IP44 degree of protection.

Suitable for push-button and pullcord switches, rocker switches and rocker push-buttons for the years 1985 to 1995.

Not suitable for water-protected, flush-mounted installation IP44.

When several neon lamp units are used, the lamp current may result in malfunctioning of the relay/pulse relay. Remedy: Carry along a neutral conductor or connect a capacitor 230 V (1 µF per 10 mA neon lamp current) in parallel with the coil.

Refer to the overview for the matching flush-mounted inserts.

- for illumination and monitoring circuit
- for pullcord switch

i 878

DESIGN	ORDER NO.	PU
grey, 230 V~, 1 mA	**1605 10**	10
orange, 230 V~, 0.4 mA	**1605 14**	10



Neon lamp unit for switches/push-buttons

When several neon lamp units are used, the lamp current may result in malfunctioning of the relay/pulse relay. Remedy: Switch a capacitor 230 V (1 µF per 10 mA neon lamp current) in parallel with the coil.

Refer to the overview for the matching flush-mounted inserts.

- for illumination and monitoring circuit
- for on/off switch, 2-pole, 16 AX
- for rockers switches double change-over
- for rockers push-buttons double change-over

i 879

DESIGN	ORDER NO.	PU
grey, 230 V~, 0.9 mA	**1600 02**	10



Neon lamp unit for on/off switch 3pole

Refer to the overview for the matching flush-mounted inserts.

- for illumination and monitoring circuit

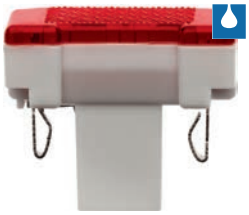
i 879

DESIGN	ORDER NO.	PU
clear, transparent, 400 V~, 0.5 mA	**1600**	10

LED units

- Low storage and logistics costs by reduction to only three variants
- Long service life of the LED

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



LED unit 230 V, for switches/push-buttons

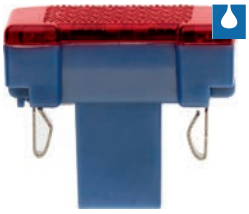
Not suitable for push-button and pullcord switches, rocker switches and rocker push-buttons from the years 1985 to 1995.

When several LED units are used, the LED current may result in malfunctioning of the relay/pulse relay.
Remedy: Carry along a neutral conductor or connect a capacitor 230 V (1 µF per 10 mA LED current) in parallel with the coil.

Refer to the overview for the matching flush-mounted inserts.

- also for waterproof installation of switches and push-buttons
- for illumination and monitoring circuit
- for change-over/intermediate switch and on/off switch, 2-pole, 10 AX
- for rocker push-buttons and multiple rockers push-buttons, except order no. 503404, 503808

DESIGN	ORDER NO.	PU
white, 230 V~, 1 mA	**1686**	10
black, 230 V~, 0.4 mA	**1686 01**	10



LED unit for switches/push-buttons

Not suitable for push-button and pullcord switches, rocker switches and rocker push-buttons from the years 1985 to 1995.

Connection to direct voltage within the specified voltage range, ensuring the correct polarity.

Refer to the overview for the matching flush-mounted inserts.

- also for waterproof installation of switches and push-buttons
- for illumination and monitoring circuit
- for change-over/intermediate switch and on/off switch, 2-pole, 10 AX
- for rocker push-buttons and multiple rockers push-buttons, except order no. 503404, 503808

DESIGN	ORDER NO.	PU
blue, 12 ... 48 V, 0.2 ... 0.9 mA	**1687**	10



LED unit with N terminal for series switch

Neutral conductor necessary!

Not suitable for push-button and pullcord switches, rocker switches and rocker push-buttons from the years 1985 to 1995.

Refer to the overview for the matching flush-mounted inserts.

- for control circuit per series
- with screw terminal

i 878

DESIGN	ORDER NO.	PU
black, 230 V~, 0.9 mA each	**1680**	1

Incandescent, neon and LED lamps



LED lamp E10

Operating voltage	230 V~/=
Rated current	0.004 A
Operating temperature	-40 ... +70 °C

- very long LED lifetime

SUITABLE FOR	ORDER NO.	PAGE
Surface-mounted push-button/pilot lamp E10, NO contact	5100 40	675
Push-button/pilot lamp E10, NO contact	5101 ..	60
Push-button/pilot lamp E10, NO contact, with centre plate	5104 ..	503
Surface-mounted push-button/pilot lamp E10, NO contact	5112 15	645

DESIGN	ORDER NO.	PU
white	**1678**	10
red	**1678 01**	10
yellow	**1678 02**	10
green	**1678 03**	10
blue	**1678 04**	10



Neon lamp E10

Operating voltage	230 V~
Rated current	1.35 mA

SUITABLE FOR	ORDER NO.	PAGE
Push-button/pilot lamp E10		page 60
Push-button complete for stairway light		page 201
Surface-mounted push-button/pilot lamp E10, NO contact	5100 40	675
Surface-mounted push-button/pilot lamp E10, NO contact	5112 15	645

DESIGN	ORDER NO.	PU
clear, transparent	**1601**	100



LED lamp E14

Operating voltage	230 V~/=
Rated current	4.2 mA
Operating temperature	-40 ... +70 °C

- for light signal with flat and high cover
- very long LED lifetime

SUITABLE FOR	ORDER NO.	PAGE
Pilot lamp E14 surface-mounted	5172 15	645
Pilot lamp E14 surface-mounted	5130 40	675
Pilot lamp E14	5131 02	61
Pilot lamp E14 surface-mounted	5152	665

DESIGN	ORDER NO.	PU
white	**1679**	10
red	**1679 01**	10
yellow	**1679 02**	10
green	**1679 03**	10
blue	**1679 04**	10



Incandescent lamp E14

Operating voltage	230 V~
Power	3 W

SUITABLE FOR	ORDER NO.	PAGE
Pilot lamp E14	5131 02	61
Pilot lamp E14 surface-mounted	5152	665
Pilot lamp E14 surface-mounted	5172 15	645
Pilot lamp E14 surface-mounted	5130 40	675

DESIGN	ORDER NO.	PU
clear, transparent, for pilot lamp with flat cover	**1610 03**	100
clear, transparent, for pilot lamp with high cover	**1610 13**	100

Covers and push-buttons



Cover for push-button/pilot lamp E10

SUITABLE FOR	ORDER NO.	PAGE
Surface-mounted push-button/pilot lamp E10, NO contact	5100 40	675
Push-button/pilot lamp E10, NO contact	5101 ..	60
Surface-mounted push-button/pilot lamp E10, NO contact	5112 15	645

DESIGN	ORDER NO.	PU
clear, transparent	**1280**	10
red, transparent	**1281**	10
yellow, transparent	**1282**	10
green, transparent	**1283**	10



Cover for push-button/pilot lamp E10

With 10 labelling fields: “Bitte warten”, “Bitte eintreten”, “Nicht eintreten”, “Bitte Ruhe”, “Der Nächste bitte”, “Aufzug kommt”, symbol arrow, “Besetzt”, 2x neutral.

The mirror image texts on the rear only become visible when the signal is illuminated.

SUITABLE FOR	ORDER NO.	PAGE
Push-button/pilot lamp E10, NO contact	5101 ..	60

DESIGN	ORDER NO.	PU
Berker Arsys		
clear	**1247 00 04**	10



Knob for push-button/pilot lamp E10

Push-button head Ø 26.5 mm

SUITABLE FOR	ORDER NO.	PAGE
Surface-mounted push-button/pilot lamp E10, NO contact	5100 40	675
Push-button/pilot lamp E10, NO contact	5101 ..	60
Surface-mounted push-button/pilot lamp E10, NO contact	5112 15	645

DESIGN	ORDER NO.	PU
clear, transparent	**1279 02**	10
red, transparent	**1279**	10
green, transparent	**1279 03**	10



Cover for pilot lamp E14

SUITABLE FOR	ORDER NO.	PAGE
Pilot lamp E14 surface-mounted	5172 15	645
Pilot lamp E14 surface-mounted	5130 40	675
Pilot lamp E14	5131 02	61

DESIGN	ORDER NO.	PU
clear, transparent, flat	**1220**	10
clear, transparent, high	**1230**	10
red, transparent, high	**1231**	10
green, transparent, high	**1232**	10



Cover plate for info pilot lamp

SUITABLE FOR	ORDER NO.	PAGE
Cover for info pilot lamp	1345 ..	64

DESIGN	ORDER NO.	PU
red, transparent	**1289**	10
green, transparent	**1289 03**	10

Mains decouplers

- For illuminated switches/push-buttons with a neon lamp current of max. 8 mA
- For mechanical switches, dimmer, current impulse switching, vacuum cleaners, etc.
- For bedroom and child's room in the home
- Switches without loads to DC voltage without electric and electromagnetic fields
- With overheating protection
- Monitoring voltage measurable with Duspol



Mains decoupler comfort RMD

Operating voltage	230 V~
Frequency	50 Hz
Monitoring voltage	230 V=
Switching current	16 A
EB switch-on current < 10 ms	max. 70 A
Monitoring current	max. 8 mA
Motors at cos φ = 0.4	max. 1400 W
230 V incandescent lamps and halogen lamps	2300 W
Conventional transformers	800 VA
Electronic transformers	1000 W
Fluorescent lamps:	
- in Duo circuit	1600 VA
- uncompensated	1000 VA
- parallel compensated	700 VA
Energy-saving lamps	max. 160 W
Residual ripple typical	4 mV
Operating temperature	+0 ... +40 °C
Width of rail mounted device (RMD)	2 TE
Dimensions (W x H x D)	35 x 90 x 65 mm

Only suitable for BLC universal touch dimmers (R, L, C) with printing R3 and universal rotary dimmer (R, L, C) with printing R1.

For application options, see Technical appendix.

If a universal touch dimmer is to be de-coupled, the extension unit line length on extension units must be < 20 m.

To prevent heat problems due to mains overvoltage, the distance to other RMD units should be 1/2 modules.

- with manual selection switch for automatic (decoupling) on/off
- with 2 yellow residual current indicator LEDs
- with green operation LED
- with green status LED for decoupling

SUITABLE FOR	ORDER NO.	PAGE
Rotary dimmer (R, L)	2873	42
Rotary dimmer 600 W	2875	39
Tronic rotary dimmer 525 W (R, C)	2874	43
Universal rotary dimmer (R, L, C)	2861 10	43
Universal rotary dimmer with centre plate (R, L, C)	2834 ..	491
Universal touch dimmer RMD (R, L, C)	167 01	57
BLC universal touch dimmer (R, L, C)	2902	54
BLC extension unit	2907	55
1-10 V rotary potentiometer	289 ..	45
Universal power booster Plus RMD	1 6599 01	58
optional		
Control module for mains decoupler	188 11	71

i 887



DESIGN		ORDER NO.	PU
light grey	#	**1 8799 01**	1



Mains decoupler RMD

Operating voltage	230 V~
Frequency	50 Hz
Monitoring voltage	230 V=
Switching current	16 A
EB switch-on current < 10 ms	max. 70 A
Monitoring current	max. 8 mA
Motors at cos φ = 0.4	max. 1400 W
230 V incandescent lamps and halogen lamps	2300 W
Conventional transformers	800 VA
Electronic transformers	1000 W
Fluorescent lamps:	
- in Duo circuit	1600 VA
- uncompensated	1000 VA
- parallel compensated	700 VA
Energy-saving lamps	max. 160 W
Residual ripple typical	8 mV
Operating temperature	+0 ... +40 °C
Width of rail mounted device (RMD)	2 TE
Dimensions (W x H x D)	35 x 90 x 65 mm

Only suitable for BLC universal touch dimmers (R, L, C) with printing R3 and universal rotary dimmer (R, L, C) with printing R1.

For application options, see Technical appendix.

If a universal touch dimmer is to be de-coupled, the extension unit line length on extension units must be < 20 m.

To prevent heat problems due to mains overvoltage, the distance to other RMD units should be 1/2 modules.

SUITABLE FOR	ORDER NO.	PAGE
Rotary dimmer (R, L)	2873	42
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BLC universal touch dimmer (R, L, C)	2902	54
BLC extension unit	2907	55
1-10 V rotary potentiometer	289 ..	45
Universal power booster Plus RMD	1 6599 01	58
optional		
Control module for mains decoupler	188 11	71

i 887

DESIGN		ORDER NO.	PU
light grey	#	**187 00**	1



Control module for mains decoupler

Operating voltage	230 V~
Frequency	50 Hz
Pre-assembled cable	≈ 80 mm
Dimensions housing (W x H x D)	≈ 45 x 28 x 9 mm

- required for loads with small switch-on currents
- for connection between phase and load line from dimmer

SUITABLE FOR	ORDER NO.	PAGE
Mains decoupler RMD	187 00	71
Mains decoupler comfort RMD	1 8799 01	70

i 887

DESIGN		ORDER NO.	PU
black	#	**188 11**	1

Making current limiters



Making current limiter

Operating voltage	230 V~
Frequency	50/60 Hz
Power	200 VA
Pre-assembled cable	≈ 80 mm
Dimensions housing (W x H x D)	≈ 51 x 25 x 13 mm

- to limit switch-on currents for problem loads, e.g. energy-saving lamps, electronic ballasts, etc.

i 944

Due to the small design, suitable for installation in a 40 mm flush-mounted box, e.g. behind universal insert with relay contact, and BLC relay insert. Also suitable for surface-mounted and RMD timer for stairway light.

DESIGN		ORDER NO.	PU
black	#	**185**	1

Overvoltage protection modules



Overvoltage protection module

Operating voltage	230 V~
Frequency	50/60 Hz
Residual voltage at input current 1 kA	≈ 1000 V
Leakage current IS(8/20)	100 x 1 kA
Leakage current IS(8/20)	1 x 4.5 kA
Pre-assembled cable	≈ 80 mm
Dimensions housing (W x H x D)	46 x 25 x 23 mm

- for Tronic transformers and dimmers as well as universal dimmers for parallel operation with inductive loads

i 945

DESIGN	ORDER NO.	PU
light grey	# **142**	1

Lock cylinders



Lock cylinder

length 40 mm

In key switches, the key can be pulled out in the ON position in the appropriate bolt position.
With 5 tumblers to according to DIN 18252

- for switches/push-buttons for lock cylinders
- for change-over switches/push-buttons for lock cylinders
- with 3 keys

SUITABLE FOR	ORDER NO.	PAGE
Key switches/key push-buttons		page 32
Multi-pole rocker switches		page 636
Rocker switches/rocker push-buttons		page 632
Centre plate for key push-button for blinds/key switch		page 114
Key switches/key push-buttons for blinds		page 643

i 881

DESIGN	ORDER NO.	PU
with differing closures		
Lock cylinder	**1818**	1
with same closures		
Lock cylinder	**1818 01**	1

HOTEL APPLICATIONS

NEW



Relay switch with centre plate for hotel card

Rated voltage	230 V~ +10/-15 %
Frequency	50/60 Hz
Switching current	10 A/230 V AC1
Power consumption	< 0.2 W
Inductive load at cos φ = 0.6	max. 6 A
230 V incandescent lamps and halogen lamps	1500 W
Conventional transformers	1500 VA
Electronic transformers	1500 W
Fluorescent lamps:	
- in Duo circuit	1500 W
Compact fluorescent lamps	500 W
Delay time incrementally adjustable	0, 15, 30, 60 s
Card thickness	0.8 ... 1.2 mm
Card width	max. 55 mm
Operating temperature	-5 ... +50 °C
Screw terminals	max. 2 x 2,5 mm²
Insertion depth	32 mm

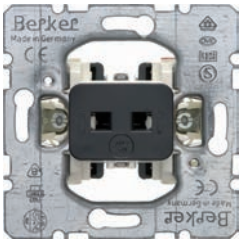
Neutral conductor necessary!

- with potentiometer for incremental adjustment of delay time
- for illumination
- with potential-free contact
- with screw-in lift terminals
- illuminated with blue LED if hotel card is not inserted

DESIGN	ORDER NO.	PU
Berker R.1/R.3		
black glossy	* **1640 20 45**	1
polar white glossy	* **1640 20 89**	1

Push-button for hotel card

- Spreader claw, insulated to the supporting ring, self-resetting
- Connection terminals according to IEC 60669-1 for conductors up to 2.5 mm²



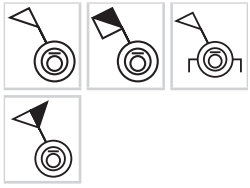
Push-button for hotel card

Rated voltage 250 V~
Momentary-contact current 2 A

10 A design on request.

- for illumination and monitoring circuit
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
LED unit 230 V, for switches/push-buttons		page 67
Neon lamp unit with N terminal	1675 ..	66
Incandescent lamp unit with N terminal	1676 ..	66



DESIGN	ORDER NO.	PU
Push-button, NO contact for hotel card	**5051 02**	10
Push-button, change-over contact for hotel card	**5056 01**	10
Push-button, NO contact for hotel card, 2 separate signal contacts	**5051 03**	10
Push-button, NC contact + NO contact for hotel card, isolated input terminals	**5052 01**	10



Centre plate with imprint for push-button for hotel card

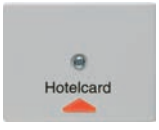
- Red lens

Card thickness 0.5 ... 1.4 mm
Card width max. 54 mm

Other imprint on request!







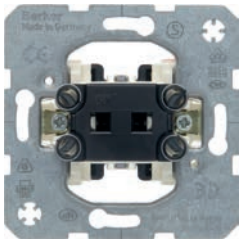
DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1640 89 82**	10
polar white glossy	**1640 89 89**	10
polar white matt	**1640 19 09**	10
anthracite matt	**1640 16 06**	10
aluminium matt, lacquered	**1640 14 04**	10
Berker Q.1/Q.3		
polar white velvety [1]	**1640 60 89**	10
anthracite velvety, lacquered [1]	**1640 60 86**	10
Berker K.1/K.5		
polar white glossy	**1641 71 09**	10
anthracite matt, lacquered	**1641 71 06**	10
aluminium matt, lacquered	**1641 71 03**	10
stainless steel matt, lacquered	**1641 71 04**	10
Berker Arsys		
white glossy	**1641 00 02**	10
polar white glossy	**1641 00 69**	10
brown glossy	**1641 00 01**	10
light bronze matt, lacquered	**1641 90 11**	10
stainless steel matt, lacquered	**1641 90 04**	10

[1] with orange lens

BARRIER-FREE CONSTRUCTION

Rocker switches/rocker push-buttons

- Spreader claw, insulated to the supporting ring, self-resetting
- Connection terminals according to IEC 60669-1 for conductors up to 2.5 mm²
- Switching angle 3.5°



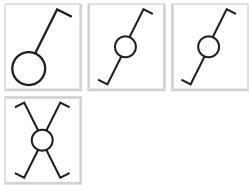
Change-over/intermediate switch

Rated voltage 250 V~
Switching current 10 AX

- for illumination and monitoring circuit
- with plug-in terminals

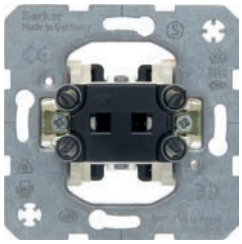
SUITABLE FOR optional	ORDER NO.	PAGE
LED unit 230 V, for switches/push-buttons		page 67
Neon lamp unit with N terminal	1675 ..	66
LED unit for switches/push-buttons	1687	67
Incandescent lamp unit with N terminal	1676 ..	66

i 878



DESIGN	ORDER NO.	PU
On/off switch	**3031**	10
Change-over switch	**3036**	10
Change-over switch for installation in hollow walls [1]	**3036 50**	10
Intermediate switch	**3037**	10

[1] low installation depth, without spreader claws



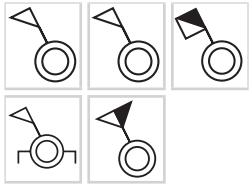
Push-button

Rated voltage 250 V~
Momentary-contact current 10 A

- for illumination and monitoring circuit
- with plug-in terminals

SUITABLE FOR optional	ORDER NO.	PAGE
LED unit 230 V, for switches/push-buttons		page 67
Neon lamp unit with N terminal	1675 ..	66
Incandescent lamp unit with N terminal	1676 ..	66
LED unit for switches/push-buttons	1687	67

i 880



DESIGN	ORDER NO.	PU
Push-button, NO contact	**5031**	10
Push-button, NO contact for installation in hollow walls [1]	**5031 50**	10
Push-button, change-over	**5036**	10
Push-button, NO contact, 2 separate signal contacts	**5031 01**	10
Push-button, NC contact + NO contact, isolated input terminals	**5032 03**	10

[1] low installation depth, without spreader claws

Rockers for barrier-free construction

- For rockers with lenses, the IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit.
- For the matching contrast frame for visual highlighting, refer to the appropriate Design line.
- SCHUKO socket outlet with tactile symbol (see corresponding design line)

The following rockers are conformant with DIN 18024-2 and DIN 18025-1 and -2.

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



Rocker for barrier-free construction

- Guide for mouth rod
- Lens

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
polar white matt	**1661 19 49**	10
Berker Q.1/Q.3		
polar white velvety [1]	**1661 60 49**	10
Berker K.1/K.5		
polar white glossy	**1661 71 09**	10
Berker R.1/R.3		
polar white glossy [2]	**1661 20 49**	10

[1] only orange and clear lenses enclosed
[2] with clear lens only



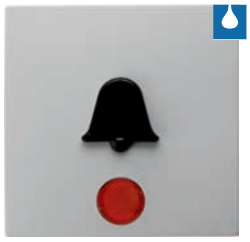
Rocker for barrier-free construction

- Tactile light symbol
- Red lens

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
polar white matt	**1651 19 49**	10
Berker Q.1/Q.3		
polar white velvety	**1651 60 49**	10
Berker K.1/K.5		
polar white glossy	**1651 71 09**	10
Berker R.1/R.3		
polar white glossy [2]	**1651 20 49**	10

[1] with orange lens
[2] with clear lens



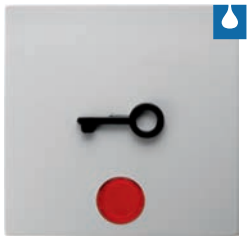
Rocker for barrier-free construction

- **Tactile bell symbol**
- **Red lens**

■ also for KNX applications: push-button, 1gang

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
polar white matt	**1651 19 59**	10
Berker Q.1/Q.3		
polar white velvety [1]	**1651 60 59**	10
Berker K.1/K.5		
polar white glossy	**1651 72 09**	10
Berker R.1/R.3		
polar white glossy [2]	**1651 20 89**	10

[1] with orange lens
[2] with clear lens



Rocker for barrier-free construction

- **Tactile symbol for door opener**
- **Red lens**

■ also for KNX applications: push-button, 1gang

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
polar white matt	**1651 19 69**	10
Berker Q.1/Q.3		
polar white velvety [1]	**1651 60 69**	10
Berker K.1/K.5		
polar white glossy	**1651 73 09**	10
Berker R.1/R.3		
polar white glossy [2]	**1651 20 69**	10

[1] with orange lens
[2] with clear lens



B.
Berker

BERKER.NET -	
CONVENTIONAL ELECTRONICS PLATFORM	80-84
BLC - BERKER LIGHT CONTROL	85-97
PRESENCE DETECTORS	98-100
CONTROLLERS SURFACE-MOUNTED	101-102
CONTROLLER SYSTEM	103-104
SUPPLEMENTARY PRODUCTS	105

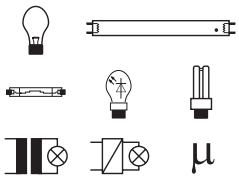
The more your house looks after you, the less things you have to keep in mind. A motion detector ensures that your path is always lit automatically when you come home. It can switch the light in the stairwell, corridor or toilet on automatically when you need it. Thanks to its precise detection, it guarantees perfect monitoring of any area of the house, thus scaring off uninvited guests. Berker controllers can meet all your comfort and safety requirements, and also help to save energy. This is because they only switch the lighting on automatically, when they detect movement within their defined detection field.

- Simple switch to another design by exchanging frames and covers.
- The wide range of motion detectors offers the perfect solution for every installation situation.
- Once installed, the insert remains in the wall

BERKER.NET - CONVENTIONAL ELECTRONICS PLATFORM

Inserts





Relay insert

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
Minimum contact load	≈ 15 W
230 V retrofit LED lamps	440 W
Dimmable energy-saving lamps	440 W
230 V incandescent lamps and halogen lamps	2300 W
Fluorescent lamps:	
- uncompensated	1100 VA
- parallel compensated	1000 W /130 µF
- in Duo circuit	1000 W
- with electronical ballast (EB)	1000 W
Compact fluorescent lamps with electronic ballast	22 x 20 W
Dimmable conventional transformers	1500 VA
Electronic transformers and dual-mode transformers	1500 W
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Operating temperature	-5 ... +45 °C
Housing installation depth	22 mm
Claw guidance installation depth	32 mm

Neutral conductor necessary!
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

- low intrinsic energy requirement
- also usable as push-button relay switch
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- no conductive connection between supporting ring and spreading claws
- with screw terminals

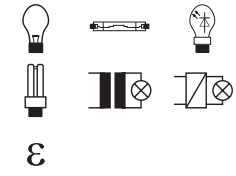
SUITABLE FOR	ORDER NO.	PAGE
optional		
Making current limiter	185	71

i 918



DESIGN	ORDER NO.	PU
Relay insert	**8512 12 00**	1





Switch insert 1gang

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

Only suitable for operation with dimmable loads!
Caution!
Only connect **dimmable** 230 V ESL or retrofit-LED lamps.
Do not connect inductive and capacitive loads jointly.
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

- low intrinsic energy requirement
- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- automatic setting to dimmable loads (autoDetect process)
- bulb-preserving soft startup
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals

i 918



DESIGN	ORDER NO.	PU
Switch insert 1gang	**8512 11 00**	1



Touch dimmer (R, L)

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Number of universal capacity enhancers	max. 2
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

- low intrinsic energy requirement
- phase cut-on
- bulb-preserving soft startup
- switch-on brightness level can be stored safe after power failure
- with extension unit input for push-button (NO contact) with single-surface operation and motion detector extension unit
- expandable with universal power boosters RMD Plus
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Universal power booster Plus RMD	1 6599 01	58

i 918

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

DESIGN	ORDER NO.	PU
Touch dimmer (R, L)	**8542 11 00**	1



Universal touch dimmer 1gang

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

- low intrinsic energy requirement
- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- automatic setting to dimmable loads (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- bulb-preserving soft startup
- with extension unit input for push-button (NO contact) with single-surface operation and motion detector extension unit
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals

i 918

Do not connect inductive and capacitive loads jointly.

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

DESIGN	ORDER NO.	PU
Universal touch dimmer 1gang	**8542 12 00**	1



Extension unit for motion detector

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	0.3 W
Number of motion detector extension units	unlimited
Cable length, extensions	max. 50 m
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

- low intrinsic energy requirement
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals

i 918

DESIGN	ORDER NO.	PU
Extension unit for motion detector	**8532 01 00**	1

Motion detector covers





IR motion detector comfort 1.1 m

Nominal mounting height	1.1 m
Detection field, rectangular shaped	≈ 12 x 16 m
Range, frontal	≈ 12 m
Range, side	each ≈ 8 m
Delay time, adjustable	≈ 10 s ... 30 min
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Short time mode	200 ms
immunity time	≈ 10 s
Operating temperature	-5 ... +45 °C
Assembling height	34 mm

- low intrinsic energy requirement
- with button for on/off/automatic
- LED application module/insert compatibility display
- with operation and status LED, red/green/orange
- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- step operation with immunity time (e.g. for stair light/impact current circuits)
- µ-processor controlled mode of operation
- with anti-dismantling protection

Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the motion detector. Only suitable for indoor areas!

SUITABLE FOR — Inserts

ORDER NO.

PAGE — page 80

i 918









DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	* **8534 12 82**	1
polar white glossy	* **8534 12 89**	1
polar white matt	* **8534 12 88**	1
anthracite matt	* **8534 12 85**	1
aluminium, matt, lacquered	* **8534 12 83**	1
Berker Q.1/Q.3		
polar white velvety	* **8534 12 29**	1
anthracite velvety, lacquered	* **8534 12 26**	1
Berker K.1/K.5		
polar white glossy	* **8534 12 79**	1
anthracite matt, lacquered	* **8534 12 75**	1
aluminium, matt, lacquered	* **8534 12 77**	1
stainless steel matt, lacquered	* **8534 12 73**	1
Berker R.1/R.3		
polar white glossy [1]	**8534 12 39**	1
black glossy [1]	**8534 12 31**	1

[1] no dismantling protection possible

NEW



2,2 m

IR motion detector comfort 2.2 m

Nominal mounting height	2.2 m
Detection field, rectangular shaped	≈ 8 x 12 m
Range, frontal	≈ 8 m
Range, side	each ≈ 6 m
Delay time, adjustable	≈ 10 s ... 30 min
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Short time mode	200 ms
immunity time	≈ 10 s
Operating temperature	-5 ... +45 °C
Assembling height	34 mm

- low intrinsic energy requirement
- with button for on/off/automatic
- LED application module/insert compatibility display
- with operation and status LED, red/green/orange
- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- step operation with immunity time (e.g. for stair light/impact current circuits)
- µ-processor controlled mode of operation
- with anti-dismantling protection

SUITABLE FOR Inserts — **ORDER NO.** — **PAGE** page 80

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NEW



NEW



DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	* **8534 22 82**	1
polar white glossy	* **8534 22 89**	1
polar white matt	* **8534 22 88**	1
anthracite matt	* **8534 22 85**	1
aluminium, matt, lacquered	* **8534 22 83**	1
Berker Q.1/Q.3		
polar white velvety	* **8534 22 29**	1
anthracite velvety, lacquered	* **8534 22 26**	1
Berker K.1/K.5		
polar white glossy	* **8534 22 79**	1
anthracite matt, lacquered	* **8534 22 75**	1
aluminium, matt, lacquered	* **8534 22 77**	1
stainless steel matt, lacquered	* **8534 22 73**	1
Berker R.1/R.3		
polar white glossy [1]	**8534 22 39**	1
black glossy [1]	**8534 22 31**	1

[1] no dismantling protection possible

NEW



1,1 m

Motion detector 1.1 m

Nominal mounting height	1.1 m
Detection field, rectangular shaped	≈ 12 x 16 m
Range, frontal	≈ 12 m
Range, side	each ≈ 8 m
Delay time	≈ 180 s
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Operating temperature	-5 ... +45 °C
Assembling height	34 mm

Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the motion detector. Only suitable for indoor areas!

- low intrinsic energy requirement
- with button for on/off/automatic
- LED application module/insert compatibility display
- with operation and status LED, red/green/orange
- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- µ-processor controlled mode of operation
- with anti-dismantling protection

SUITABLE FOR Inserts — **ORDER NO.** — **PAGE** page 80

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DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	* **8534 11 82**	1
polar white glossy	* **8534 11 89**	1
polar white matt	* **8534 11 88**	1
anthracite matt	* **8534 11 85**	1
aluminium, matt, lacquered	* **8534 11 83**	1



DESIGN	ORDER NO.	PU
Berker Q.1/Q.3		
polar white velvety	* **8534 11 29**	1
anthracite velvety, lacquered	* **8534 11 26**	1



DESIGN	ORDER NO.	PU
Berker K.1/K.5		
polar white glossy	* **8534 11 79**	1
anthracite matt, lacquered	* **8534 11 75**	1
aluminium, matt, lacquered	* **8534 11 77**	1
stainless steel matt, lacquered	* **8534 11 73**	1



DESIGN	ORDER NO.	PU
Berker R.1/R.3		
polar white glossy [1]	**8534 11 39**	1
black glossy [1]	**8534 11 31**	1

[1] no dismantling protection possible



Motion detector 2.2 m

Nominal mounting height	2.2 m
Detection field, rectangular shaped	≈ 8 x 12 m
Range, frontal	≈ 8 m
Range, side	each ≈ 6 m
Delay time	≈ 180 s
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Operating temperature	-5 ... +45 °C
Assembling height	34 mm

- low intrinsic energy requirement
- with button for on/off/automatic
- LED application module/insert compatibility display
- with operation and status LED, red/green/orange
- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- µ-processor controlled mode of operation
- with anti-dismantling protection



SUITABLE FOR Inserts — **ORDER NO.** — **PAGE** page 80

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DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	* **8534 21 82**	1
polar white glossy	* **8534 21 89**	1
polar white matt	* **8534 21 88**	1
anthracite matt	* **8534 21 85**	1
aluminium, matt, lacquered	* **8534 21 83**	1



DESIGN	ORDER NO.	PU
Berker Q.1/Q.3		
polar white velvety	* **8534 21 29**	1
anthracite velvety, lacquered	* **8534 21 26**	1



DESIGN	ORDER NO.	PU
Berker K.1/K.5		
polar white glossy	* **8534 21 79**	1
anthracite matt, lacquered	* **8534 21 75**	1
aluminium, matt, lacquered	* **8534 21 77**	1
stainless steel matt, lacquered	* **8534 21 73**	1

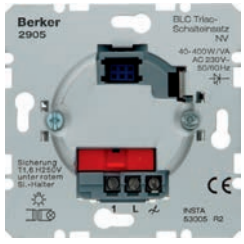


DESIGN	ORDER NO.	PU
Berker R.1/R.3		
polar white glossy [1]	**8534 21 39**	1
black glossy [1]	**8534 21 31**	1

[1] no dismantling protection possible

BLC -BERKER LIGHT CONTROL

BLC Inserts



BLC triac insert (R, L)

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	40 ... 400 W
Dimmable conventional transformers	40 ... 400 VA
Operating temperature	-20 ... +45 °C

Light scene function (On/Off) in conjunction with BLC radio button.
Possible to change fuse without removing cover.

- when cover is detached, the switch status is retained (wallpaper function)
- bulb-preserving soft startup
- phase cut-on
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- insert suitable for BLC buttons
- with screw terminals

i 889

DESIGN		ORDER NO.	PU
BLC triac insert (R, L)	#	**2905**	1



BLC tronic insert (R, C)

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	50 ... 420 W
Electronic transformers	50 ... 420 W
Operating temperature	-20 ... +45 °C

Light scene function (On/Off) in conjunction with BLC radio button.

- when cover is detached, the switch status is retained (wallpaper function)
- bulb-preserving soft startup
- phase cut-off
- very low noise
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- short-circuit and overload proof (electronic fuse)
- insert suitable for BLC buttons
- with screw terminals

i 889

DESIGN		ORDER NO.	PU
BLC tronic insert (R, C)	#	**2916**	1



BLC relay insert

Operating voltage	230 V~
Frequency	50/60 Hz
Breaking capacity	2300 W
230 V incandescent lamps and halogen lamps	2300 W
Fluorescent lamps:	
- uncompensated	1200 VA
- parallel compensated	920 VA
- in Duo circuit	2300 VA
Conventional transformers	1000 VA
Electronic transformers	1500 W
Insertion depth	22 mm
Operating temperature	-20 ... +45 °C

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.
Light scene function (On/Off) in conjunction with BLC radio button.
Neutral conductor necessary!

- when cover is detached, the switch status is retained (wallpaper function)
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- also usable as push-button relay switch
- insert suitable for BLC buttons
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Making current limiter	185	71

i 889

DESIGN		ORDER NO.	PU
BLC relay insert	#	**2906**	1



BLC relay insert

- Potential-free contact

Operating voltage	230 V~
Frequency	50/60 Hz
Minimum load (at 12 V)	100 mA
230 V incandescent lamps	800 W
230 V halogen lamps	750 W
Operating temperature	+5 ... +35 °C

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Light scene function (On/Off) in conjunction with BLC radio button.

Neutral conductor necessary!

- when cover is detached, the switch status is retained (wallpaper function)
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- also usable as push-button relay switch
- potential-free contact for function extra-low voltage FELV (only change-over voltage) suitable
- insert suitable for BLC buttons
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Making current limiter	185	71

i 889

DESIGN		ORDER NO.	PU
BLC relay insert	#	**2906 10**	1



BLC relay insert HVAC

Operating voltage	230 V~
Frequency	50/60 Hz
Motor switching current (HLK channel)	2.1 A
Breaking capacity	1000 W
Switching capacity, HLK channel	max. 800 W
230 V incandescent lamps and halogen lamps	1000 W
230 V incandescent lamps (HVAC-channel)	800 W
230 V halogen lamps (HVAC-channel)	750 W
Fluorescent lamps:	
- uncompensated	500 VA
- in Duo circuit	1000 VA
Conventional transformers	750 VA
Electronic transformers	750 W
Switch on delay HVAC-channel	0/3 min
HVAC-channel adjustable	≈ 2/10/30/60/120 min
Operating temperature	+5 ... +35 °C

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Light scene function (On/Off) in conjunction with BLC radio button.

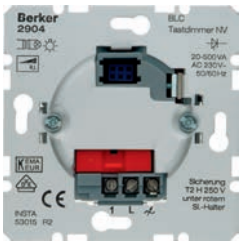
Neutral conductor necessary!

- when cover is detached, the switch status is retained (wallpaper function)
- switch on delay for HVAC channel can be activated/deactivated permanently with BLC button
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- also usable as push-button relay switch
- with delay time HVAC relay contact for e.g. valve drive, thermostat, fan ...
- potential-free HVAC contact suitable for function extra-low voltage FELV (only alternating voltage)
- insert suitable for BLC buttons
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Making current limiter	185	71

i 889

DESIGN		ORDER NO.	PU
BLC relay insert HVAC	#	**2912**	1



BLC touch dimmer (R, L)

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	20 ... 500 W
Dimmable conventional transformers	20 ... 500 VA
Number of built-in power boosters (R, L)	max. 10
Operating temperature	-20 ... +45 °C

Light scene function (On/Off, dimming value) in conjunction with BLC radio button.

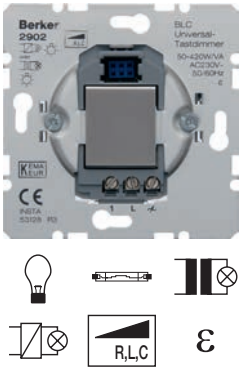
Possible to change fuse without removing cover.

- when cover is detached, the switch status is retained (wallpaper function)
- bulb-preserving soft startup
- phase cut-on
- switch-on brightness memory function
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- insert suitable for BLC buttons
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Power booster built-in (R, L)	2869	59

i 889

DESIGN		ORDER NO.	PU
BLC touch dimmer (R, L)	#	**2904**	1



BLC universal touch dimmer (R, L, C)

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	50 ... 420 W
Dimmable conventional transformers	50 ... 420 VA
Electronic transformers	50 ... 420 W
Number of built-in Tronics or power boosters (R, L) - with identical load type	max. 10
Number of universal power boosters, 420 W at phase control	max. 5
Number of universal power boosters, 500 W for phase cut-off	max. 10
Insertion depth	22 mm
Operating temperature	-20 ... +45 °C

Light scene function (On/Off, dimming value) in conjunction with BLC radio button.

Do not connect conventional transformers together with electronic transformers.

- when cover is detached, the switch status is retained (wallpaper function)
- bulb-preserving soft startup
- phase cut-on or cut-off according to load type, self-learning
- very low noise
- switch-on brightness level can be stored safe after power failure
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- short-circuit and overload proof (electronic fuse)
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- insert suitable for BLC buttons
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Mains decoupler RMD	187 00	71
Mains decoupler comfort RMD	1 8799 01	70
Power booster built-in (R, L)	2869	59
Tronic power booster built-in (R, C)	2868	59
Universal power booster Plus RMD	1 6599 01	58

i 889

DESIGN		ORDER NO.	PU
BLC universal touch dimmer (R, L, C)	#	**2902**	1



BLC 1 - 10 V push-button control unit

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current	3.04 A
Control current	50 mA
Operating temperature	+5 ... +35 °C

Light scene function (On/Off, dimming value) in conjunction with BLC radio button.

In case of excessive switch-on currents use switch-on current limiters order no. 185.

To ensure same illumination, use only electronic ballasts and fluorescent lamps from the same manufacturers.

Neutral conductor necessary!

Interface according to DIN EN 61347-2-3

- when cover is detached, the switch status is retained (wallpaper function)
- basic brightness programmable
- switch-on brightness level can be stored safe after power failure
- e.g. for fluorescent lamps and LV halogen lamps
- for switching and controlling electronic ballasts and 1 - 10 V Tronic transformers, 105 W
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- insert suitable for BLC buttons
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Making current limiter	185	71

i 889

DESIGN		ORDER NO.	PU
BLC 1 - 10 V push-button control unit	#	**2903**	1



BLC extension unit for motion detector

Operating voltage	230 V~
Frequency	50/60 Hz
Number of substations	max. 10
Number of extension units (for order no. 2902)	max. 5
Cable length between main unit and extension unit	max. 100 m
Insertion depth	22 mm

Neutral conductor necessary!

- with screw terminals

i 889

DESIGN		ORDER NO.	PU
BLC extension unit for motion detector	#	**2908**	1

BLC stairwell light system



BLC timer RMD for stairway light

Operating voltage	230 V~
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	2300 W
Fluorescent lamps:	
- uncompensated	1200 VA
- parallel compensated	920 VA
- in Duo circuit	2300 VA
Electronic ballasts (EB)	700 W
Conventional transformers	1000 VA
Electronic transformers	1500 W
Delay time, adjustable	≈ 10 s ... 15 min
Switch-on time (ED)	100 %
Width of rail mounted device (RMD)	1 TE

- NO contact
- with switch-off advance warning, flashing at 30, 20 and 10 seconds before switching off
- with slide switch for off/automatic/automatic with switch-off pre-warning/continuous on
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
BLC insert for timer	2934 10	53
optional		
Making current limiter	185	71
Interference suppressor for controller	123	105

i 898

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

For contact suppression (spark suppression), we recommend using the radio interference suppressor, order no. 123.

For the connection of BLC inserts for timers and push-buttons, NO contact.

For 3-conductor circuit with neutral conductor and for 4-conductor circuit with neutral conductor or with phase.

For upgrading of stairwell light and pulse circuits without additional wiring.

Neutral conductor necessary!

DESIGN	ORDER NO.	PU
light grey	# **163 01**	1



BLC insert for timer

Operating voltage	230 V~
Frequency	50 Hz
Control cable length	max. 100 m
Insertion depth	22 mm

- insert suitable for BLC buttons
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
BLC push-buttons		page 55
BLC controllers		page 90
BLC presence detectors		page 97
BLC timer RMD for stairway light	163 01	89

i 898

Note:
Delay time setting, switch-off prewarning and functions for off/automatic/continuous on are carried out on the BLC timer RMD for the stairway light.

For 3-conductor circuit with neutral conductor and for 4-conductor circuit with neutral conductor or phase.

For upgrading of stairwell light and pulse circuits without additional wiring.

Only suitable for BLC controller with imprint release issue “R3”.

DESIGN	ORDER NO.	PU
BLC insert for timer	# **2934 10**	1

BLC controllers





BLC controller comfort 1.1 m

Delay time, adjustable	≈ 10 s ... 30 min
immunity time	≈ 3 s
Time to dim down	30 s
Short time mode	0.5 s
Nominal mounting height	1.1 m
Detection angle	180 °
Detection field, semi-oval shaped	≈ 10 x 12 m
Range, frontal	≈ 10 m
Range, side	each ≈ 6 m
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)
Dimensions assembling height	23.5 mm
Operating temperature	-20 ... +45 °C

Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the motion detector. Only suitable for indoor areas!

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.

- with adaptive sensitivity adjustment
- with dimming function (soft-off) when using BLC dimmer inserts
- glare-proof, e.g. against a torch
- with slide switch for OFF/automatic/ON
- with teach function for response brightness
- µ-processor controlled operation (detection signal evaluation and interference signal suppression)
- switch-on brightness in conjunction with BLC dimmer inserts can only be saved via BLC extension unit
- no switch-on in case of inadvertent brief shadowing
- activation by push-button, NC contact in the line
- step operation with immunity time (e.g. for bell)
- with cover to limit detection angle to 90°

SUITABLE FOR	ORDER NO.	PAGE
BLC Inserts		page 85

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DESIGN		ORDER NO.	PU
Berker S.1/B.3/B.7			
white glossy	#	**1784 89 82**	1
polar white glossy	#	**1784 89 89**	1
polar white matt	#	**1784 19 09**	1
anthracite matt	#	**1784 16 06**	1
aluminium matt, lacquered	#	**1784 14 04**	1
Berker Q.1/Q.3			
polar white velvety	#	**1784 60 89**	1
anthracite velvety, lacquered	#	**1784 60 86**	1
Berker K.1/K.5			
polar white glossy	#	**1784 70 09**	1
anthracite matt, lacquered	#	**1784 70 06**	1
aluminium matt, lacquered	#	**1784 70 03**	10
stainless steel matt, lacquered	#	**1784 70 04**	1
Berker Arsys			
white glossy		**1784 00 02**	1
polar white glossy		**1784 00 69**	1
light bronze matt, lacquered		**1784 90 11**	1
stainless steel matt, lacquered		**1784 90 04**	1
brown glossy		**1784 00 01**	1





BLC controller 1.1 m

Delay time	≈ 2 min
Nominal mounting height	1.1 m
Detection angle	180 °
Detection field, semi-oval shaped	≈ 10 x 12 m
Range, frontal	≈ 10 m
Range, side	each ≈ 6 m
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)
Dimensions assembling height	23.5 mm
Operating temperature	-20 ... +45 °C

- activation by push-button, NC contact in the line
- with cover to limit detection angle to 90°

SUITABLE FOR — **ORDER NO.** — **PAGE**
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Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the motion detector. Only suitable for indoor areas!

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.









DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	# **1783 89 82**	1
polar white glossy	# **1783 89 89**	1
polar white matt	# **1783 19 09**	1
anthracite matt	# **1783 16 06**	1
aluminium matt, lacquered	# **1783 14 04**	1
Berker Q.1/Q.3		
polar white velvety	# **1783 60 89**	1
anthracite velvety, lacquered	# **1783 60 86**	1
Berker K.1/K.5		
polar white glossy	# **1783 70 09**	1
anthracite matt, lacquered	# **1783 70 06**	1
aluminium matt, lacquered	# **1783 70 03**	1
stainless steel matt, lacquered	# **1783 70 04**	1
Berker Arsys		
white glossy	**1783 00 02**	1
polar white glossy	**1783 00 69**	1
brown glossy	**1783 00 01**	1
light bronze matt, lacquered	**1783 90 11**	1
stainless steel matt, lacquered	**1783 90 04**	1





BLC IR controller comfort 2.2 m with hand-held transmitter

Delay time, adjustable	≈ 10 s ... 60 min
Time to dim down	30 s
Short time mode	0.3 s
Limit switch-off	after max. 90 min
Nominal mounting height	2.2 m
Detection angle	180 °
Detection field, semi-oval shaped	≈ 12 x 12 m
Range, frontal (at 1.1 m installation height)	≈ 6 m
Range, frontal	≈ 12 m
Range, side (at 1.1 m installation height)	each ≈ 3 m
Range, side	each ≈ 6 m
Response sensitivity stages	25/50/75/100 %
Response brightness stages	1/10/150/250 lx
Dimensions assembling height	31.4 mm
Operating temperature	-15 ... +45 °C

Scope of delivery:
- BLC IR controller comfort 2.2 m
- hand-held transmitter for BLC IR controller

As-delivered and reset condition: Response sensitivity 100%, time delay 30 s, night mode approx. 1 lx, additional functions OFF.

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.

- dimming insert switch-off advance warning (30 s dimming process)
- with adaptive sensitivity adjustment
- glare-proof, e.g. against a torch
- switch insert switch-off advance warning (3x alternately 0.2 s off/10 s on) via remote control
- with teach function for response brightness
- µ-processor controlled mode of operation
- switch-on brightness for BLC dimmer insert with hand-held transmitter and BLC extension unit storable
- no switch-on in case of inadvertent brief shadowing
- activation by push-button, NC contact in the line
- with 2 buttons for permanent ON (LED green), permanent OFF (LED red) and automatic
- presence simulation via remote control: retrieval of the switching operations from the last 7 days
- hotel mode via remote control: without motion dimming to 20%
- short-time mode with immunity time (e.g. for bell) via remote control
- test mode via remote control: response sensitivity 100%, time delay 1 s and day mode
- angle of detection limiter by means of sensor cutoff via remote control
- settings power-failure proof
- with detection and IR receiver LED red, and IR confirmation LED green
- with crawl-under protection

SUITABLE FOR	ORDER NO.	PAGE
BLC Inserts		page 85
replacement		
Replacement hand-held transmitter for BLC IR controller	2770	93

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DESIGN		ORDER NO.	PU
Berker S.1/B.3/B.7			
white glossy	#	**1789 89 82**	1
polar white glossy	#	**1789 89 89**	1
polar white matt	#	**1789 19 09**	1
anthracite matt	#	**1789 16 06**	1
aluminium matt, lacquered	#	**1789 14 04**	1
Berker Q.1/Q.3			
polar white velvety	#	**1789 60 89**	1
anthracite velvety, lacquered	#	**1789 60 86**	1
Berker K.1/K.5			
polar white glossy	#	**1789 70 09**	1
anthracite matt, lacquered	#	**1789 70 06**	1
aluminium matt, lacquered	#	**1789 70 03**	1
stainless steel matt, lacquered	#	**1789 70 04**	1
Berker Arsys			
white glossy		**1789 00 02**	1
polar white glossy		**1789 00 69**	1
light bronze matt, lacquered		**1789 90 11**	1
stainless steel matt, lacquered		**1789 00 04**	1



Replacement hand-held transmitter for BLC IR controller

Operating voltage	3 V=
Number of IR channels	31
Dimensions (L x W x H)	85 x 52 x 7 mm

Functions and settings for BLC controller master station: 2 h on/off, continuous on/off, dimming (with BLC dimmer insert), short-time, hotel and test mode, switch insert switch-off advance warning, response brightness stages, response brightness continuously learnable, switch-on brightness storable (for BLC dimmer insert), response sensitivity in stages, delay time in stages and continuously learnable, sensor switch-off for angle of detection limitation, simultaneous operation, reset.

Functions and settings for BLC controller extension unit: extension unit 2 h or continuous OFF, response sensitivity in stages, sensor switch-off for angle of detection limitation, motion LED, reset.

IR remote control for individual configuration of the BLC IR Comfort controller 2.2 m.

- with 31 function keys
- with teach function for response brightness
- test functions for sensor setting (left, right, both sensors active)
- key function for switch-off advance warning
- key function for setting minimum brightness (only for operation with dimmer insert)
- key function for test mode
- key functions for 2 h ON/OFF, continuous ON/OFF and automatic mode
- key functions for response sensitivity 25%, 50%, 75% and 100%
- key functions for presence simulation, hotel and outdoor mode
- key functions for setting the follow-up time: 30 s, 2/5/30 min and individual follow-up time
- with enclosed lithium cell battery 3 V type: CR 2025

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DESIGN	ORDER NO.	PU
light grey/dark grey	**2770**	1



BLC controller 2.2 m

Delay time	≈ 2 min
Time to dim down	30 s
Nominal mounting height	2.2 m
Detection angle	180 °
Detection field, semi-oval shaped	≈ 12 x 12 m
Range, frontal (at 1.1 m installation height)	≈ 6 m
Range, frontal	≈ 12 m
Range, side (at 1.1 m installation height)	each ≈ 3 m
Range, side	each ≈ 6 m
Response brightness, teachable	≈ 10 lx
Dimensions assembling height	31.4 mm
Operating temperature	-15 ... +45 °C



As-delivered and reset condition: response brightness 10 lx.

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.

- dimming insert switch-off advance warning (30 s dimming process)
- with adaptive sensitivity adjustment
- glare-proof, e.g. against a torch
- with teach function for response brightness
- µ-processor controlled operation (detection signal evaluation and interference signal suppression)
- switch-on brightness for BLC dimmer insert with hand-held transmitter and BLC extension unit storable
- no switch-on in case of inadvertent brief shadowing
- activation by push-button, NC contact in the line
- with crawl-under protection

SUITABLE FOR	ORDER NO.	PAGE
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DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	# **1788 89 82**	1
polar white glossy	# **1788 89 89**	1
polar white matt	# **1788 19 09**	1
anthracite matt	# **1788 16 06**	1
aluminium matt, lacquered	# **1788 14 04**	1
Berker Q.1/Q.3		
polar white velvety	# **1788 60 89**	1
anthracite velvety, lacquered	# **1788 60 86**	1
Berker K.1/K.5		
polar white glossy	# **1788 70 09**	1
anthracite matt, lacquered	# **1788 70 06**	1
aluminium matt, lacquered	# **1788 70 03**	1
stainless steel matt, lacquered	# **1788 70 04**	1



DESIGN	ORDER NO.	PU
Berker Arsys		
white glossy	**1788 00 02**	1
polar white glossy	**1788 00 69**	1
light bronze matt, lacquered	**1788 90 11**	1
stainless steel matt, lacquered	**1788 00 04**	1





IP44

BLC controller comfort 1.1 m IP44

Delay time, adjustable	≈ 10 s ... 30 min
immunity time	≈ 3 s
Time to dim down	30 s
Short time mode	0.5 s
Nominal mounting height	1.1 m
Detection angle	180 °
Detection field, semi-oval shaped	≈ 10 x 12 m
Range, frontal	≈ 10 m
Range, side	each ≈ 6 m
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)
Dimensions assembling height	23.5 mm
Operating temperature	-20 ... +45 °C

- with adaptive sensitivity adjustment
- with dimming function (soft-off) when using BLC dimmer inserts
- glare-proof, e.g. against a torch
- with teach function for response brightness
- µ-processor controlled operation (detection signal evaluation and interference signal suppression)
- switch-on brightness in conjunction with BLC dimmer inserts can only be saved via BLC extension unit
- no switch-on in case of inadvertent brief shadowing
- activation by push-button, NC contact in the line
- step operation with immunity time (e.g. for bell)
- with cover to limit detection angle to 90°

SUITABLE FOR	ORDER NO.	PAGE
BLC Inserts		page 85

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Caution!
Sealing set enclosed.

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.







DESIGN	ORDER NO.	PU
Berker Q.1/Q.3		
polar white velvety	# **1784 61 89**	1
anthracite velvety, lacquered	# **1784 61 86**	1
Berker K.1/K.5		
polar white glossy	# **1784 71 09**	1
anthracite matt, lacquered	# **1784 71 06**	1
Flush-mounted splash-protected IP44		
white glossy	# **1784**	1
polar white glossy	# **1784 19**	1
brown glossy	# **1784 11**	1



1,1 m IP44

BLC controller 1.1 m IP44

Delay time	≈ 2 min
Nominal mounting height	1.1 m
Detection angle	180 °
Detection field, semi-oval shaped	≈ 10 x 12 m
Range, frontal	≈ 10 m
Range, side	each ≈ 6 m
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)
Dimensions assembling height	23.5 mm
Operating temperature	-20 ... +45 °C

- activation by push-button, NC contact in the line
- with cover to limit detection angle to 90°

SUITABLE FOR BLC Inserts | **ORDER NO.** | **PAGE** page 85

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Caution!
Sealing set enclosed.

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.







DESIGN	ORDER NO.	PU
Berker Q.1/Q.3		
polar white velvety	# **1783 61 89**	1
anthracite velvety, lacquered	# **1783 61 86**	1
Berker K.1/K.5		
polar white glossy	# **1783 71 09**	1
anthracite matt, lacquered	# **1783 71 06**	1
Flush-mounted splash-protected IP44		
white glossy	# **1783**	1
polar white glossy	# **1783 19**	1
brown glossy	# **1783 11**	1



2,2 m IP44

BLC controller comfort 2.2 m IP44

Delay time, adjustable	≈ 10 s ... 30 min
immunity time	≈ 3 s
Time to dim down	30 s
Short time mode	0.5 s
Nominal mounting height	2.2 m
Detection angle	180 °
Detection field, semi-oval shaped	≈ 12 x 12 m
Range, frontal (at 1.1 m installation height)	≈ 6 m
Range, frontal	≈ 12 m
Range, side (at 1.1 m installation height)	each ≈ 3 m
Range, side	each ≈ 6 m
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)
Dimensions assembling height	23.5 mm
Operating temperature	-20 ... +45 °C

- with adaptive sensitivity adjustment
- with dimming function (soft-off) when using BLC dimmer inserts
- glare-proof, e.g. against a torch
- with teach function for response brightness
- µ-processor controlled operation (detection signal evaluation and interference signal suppression)
- switch-on brightness in conjunction with BLC dimmer inserts can only be saved via BLC extension unit
- no switch-on in case of inadvertent brief shadowing
- activation by push-button, NC contact in the line
- step operation with immunity time (e.g. for bell)
- with cover to limit detection angle to 90°

SUITABLE FOR BLC Inserts | **ORDER NO.** | **PAGE** page 85

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Caution!
Sealing set enclosed.

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.



DESIGN	ORDER NO.	PU
Berker Q.1/Q.3		
polar white velvety	# **1787 61 89**	1
anthracite velvety, lacquered	# **1787 61 86**	1





Berker K.1/K.5		
polar white glossy	# **1787 71 09**	1
anthracite matt, lacquered	# **1787 71 06**	1

Flush-mounted splash-protected IP44		
white glossy	# **1787**	1
polar white glossy	# **1787 19**	1
brown glossy	# **1787 11**	1



BLC controller 2.2 m IP44



IP44

Delay time	≈ 2 min
Nominal mounting height	2.2 m
Detection angle	180 °
Detection field, semi-oval shaped	≈ 12 x 12 m
Range, frontal (at 1.1 m installation height)	≈ 6 m
Range, frontal	≈ 12 m
Range, side (at 1.1 m installation height)	each ≈ 3 m
Range, side	each ≈ 6 m
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)
Dimensions assembling height	23.5 mm
Operating temperature	-20 ... +45 °C

- activation by push-button, NC contact in the line
- with cover to limit detection angle to 90°

SUITABLE FOR — **ORDER NO.** — **PAGE**
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i **892**

Caution!
Sealing set enclosed.

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.







DESIGN	ORDER NO.	PU
Berker Q.1/Q.3		
polar white velvety	# **1786 61 89**	1
anthracite velvety, lacquered	# **1786 61 86**	1
Berker K.1/K.5		
polar white glossy	# **1786 71 09**	1
anthracite matt, lacquered	# **1786 71 06**	1
Flush-mounted splash-protected IP44		
white glossy	# **1786**	1
polar white glossy	# **1786 19**	1
brown glossy	# **1786 11**	1



IP20

BLC ceiling controller 360°

Number of substations	max. 10
Number of extension units (for order no. 2902)	max. 5
Delay time, adjustable	≈ 10 s ... 30 min
immunity time	≈ 2.5 s
Short time mode	1 s
Installation height	≈ 3 m
Detection angle	360 °
Approach range	≈ 6 m
Cross range	≈ 10 m
Response brightness, adjustable	≈ 2 ... 80 lx, ∞ lx (day)
Dimensions (Ø x assembling height)	103 x 42 mm
Operating temperature	+5 ... +35 °C

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.

- with dimming function (soft-off) when using BLC dimmer inserts
- µ-processor controlled operation (detection signal evaluation and interference signal suppression)
- on BLC dimmer inserts, saving of the switch-on brightness and temporary dimming via BLC extension un
- activation by push-button, NC contact in the line
- step operation with immunity time (e.g. for bell)
- with push-on cover to limit the detection field
- for ceiling mounting in 60 surface-mounted or hollow-wall box
- detection field extension with BLC controller extension unit
- on BLC or push-button (NO) extension units can be switched on by retriggering
- with red detection LED (when minimum response brightness level infringed)

SUITABLE FOR	ORDER NO.	PAGE
BLC Inserts		page 85
optional		
Surface-mounted housing for BLC and KNX presence detector	1076 09	97



DESIGN		ORDER NO.	PU
polar white matt	#	**1701 11**	1

BLC presence detectors



IP20

BLC presence detector with constant light control

Number of substations	max. 10
Monitor run-on time, settable	≈ 10 s ... 10 min
Presence detector run-on time, settable	≈ 10 ... 30 min
Detection angle	360 °
Recommended installation height	≈ 2.5 m
Detection field Ø, on floor	≈ 8 m
Detection field Ø, at desk height	≈ 5 m
Response brightness, adjustable	≈ 10 ... 1000 lx, ∞ lx (day)
Dimensions (Ø x assembling height)	103 x 42 mm
Operating temperature	+5 ... +35 °C

The purpose of the presence detector with constant light control is to save energy by dimming/switching off lighting when unoccupied or when ambient light level is sufficient. Furthermore, it facilitates presence-dependent activation of heating/ventilation systems in conjunction with the BLC relay/switch insert HVAC.
Application areas e.g. office buildings, schools, hotels and nursing homes.

- with Dia-presentation function
- with dimming function (soft-off) when using BLC dimmer inserts
- with push-on cover to limit the detection field
- for ceiling mounting in 60 surface-mounted or hollow-wall box
- energy saving by presence and brightness-controlled lighting control
- detection field extension with BLC controller extension unit
- on BLC extension units, the brightness setpoint can also be temporarily changed
- on BLC or push-button (NO), extension units can be switched on and off by retriggering
- also to be used as ceiling controller in through areas
- with red diagnosis and settings help LED

SUITABLE FOR	ORDER NO.	PAGE
BLC Inserts		page 85
optional		
Surface-mounted housing for BLC and KNX presence detector	1076 09	97

i 895



DESIGN		ORDER NO.	PU
polar white matt	#	**1701 10**	1



Surface-mounted housing for BLC and KNX presence detector

Dimensions (Ø x assembling height)	103 x 45 mm

- cable entry from all sides possible
- also for KNX applications - KNX presence detector

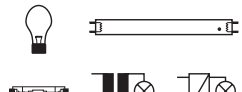
SUITABLE FOR	ORDER NO.	PAGE
BLC presence detector with constant light control	1701 10	97
BLC ceiling controller 360°	1701 11	97

DESIGN		ORDER NO.	PU
polar white matt	#	**1076 09**	1

PRESENCE DETECTORS

Presence detectors surface-mounted





µ IP20

Presence detector surface-mounted

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current (ohmic)	max. 10 A
Switch-on current < 4 s	max. 35 A /min.
230 V incandescent lamps and halogen lamps	1000 W
Fluorescent lamps:	
- uncompensated	500 VA
- parallel compensated	400 VA [200 µF]
Duo circuit KVG	1000 VA
Conventional transformers	750 VA
Electronic transformers	750 W
Monitor run-on time, settable	≈ 10 s ... 10 min
Presence detector run-on time, settable	≈ 10 ... 30 min
Response brightness, adjustable	≈ 10 ... 1000 lx, ∞ lx (day)
Detection angle	360 °
Recommended installation height	≈ 2.5 ... 3.5 m
Detection field Ø, on floor	≈ 8 m
Detection field Ø, at desk height	≈ 5 m
Dimensions (Ø x assembling height)	103 x 57.5 mm
Operating temperature	+5 ... +35 °C

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

The purpose of the presence detector is to save energy by switching off lighting when unoccupied or when ambient light level is sufficient.
Application areas e.g. office buildings, schools, hotels and nursing homes.

- with communication between individual units connected in parallel (controller system formation)
- with push-on cover to limit the detection field
- for ceiling assembly (also on a 60 wall box)
- energy saving by means of presence and brightness-dependent ON and OFF switching of light
- on push-button (NO), extension units can be switched on and off by retriggering
- also to be used as ceiling controller in through areas
- with red diagnosis and settings help LED
- with fitting material
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Making current limiter	185	71

i 897

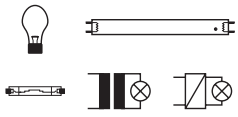


DESIGN		ORDER NO.	PU
polar white matt	#	**1701 08**	1

IR presence detectors

- IEC 60669-2-1
- Connection terminals according to IEC 60669-1





µ IP41

IR presence detector

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (operation)	≈ 2.4 VA
Power consumption (standby)	270 mW
230 V incandescent lamps and halogen lamps	2300 W
Fluorescent lamps:	
- parallel compensated	1000 VA
Compact fluorescent lamps	23 VA
Conventional transformers	1500 VA
Electronic transformers	1500 W
Delay time, adjustable	≈ 1 min ... 1 h
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Detection angle	360 °
Recommended installation height	≈ 2.5 ... 3.5 m
Detection field Ø, on floor	≈ 7 m
Detection field Ø, at desk height	≈ 5 m
Dimensions (Ø x H)	78 x 70 mm
Installation opening Ø	60 ... 63 mm
Installation wall thickness	10 ... 28 mm
Operating temperature	-10 ... +60 °C

The purpose of the presence detector is to save energy by switching off lighting when unoccupied or when ambient light level is sufficient.
Application areas e.g. office buildings, schools, hotels and nursing homes.

- can only be used as a single unit
- with potentiometers for setting the response brightness and delay time without dismantling
- operating modes: semiautomatic, automatic, teach-in, day, corridor, office, test mode
- with spring clips for ceiling installation
- energy saving by means of presence and brightness-dependent ON and OFF switching of light
- on push-button (NO), extension units can be switched on and off by retriggering
- with red and green acknowledge/receive LED
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
IR hand-held transmitter for presence detector	7590 40 01	100
IR configuration hand-held transmitter for presence detector	7590 40 02	100
Surface-mounted housing for IR presence detector	1701 05	100



DESIGN	ORDER NO.	PU
polar white matt	**1701 06**	1



IP41

DALI IR presence detector

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption	≈ 60 mW
Delay time, adjustable	≈ 1 min ... 1 h
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Detection angle	360 °
Recommended installation height	≈ 2.5 ... 3.5 m
Detection field Ø, on floor	≈ 7 m
Detection field Ø, at desk height	≈ 5 m
Dimensions (Ø x H)	78 x 70 mm
Installation opening Ø	60 ... 63 mm
Installation wall thickness	10 ... 28 mm
Operating temperature	-10 ... +60 °C

The purpose of the presence detector is to save energy by switching off lighting when unoccupied or when ambient light level is sufficient.
Application areas e.g. office buildings, schools, hotels and nursing homes.

- can only be used as a single unit
- with potentiometers for setting the response brightness and delay time without dismantling
- storing 4 individual switch-on brightness values with hand-held transmitter
- operating modes: semiautomatic, automatic, teach-in, day, corridor, office, test mode
- with spring clips for ceiling installation
- integrated DALI/DSI output (broadcast) for switching/controlling 24 DALI/DSI electronic ballasts
- energy saving by means of presence and brightness-dependent ON and OFF switching of light
- on push-button (NO), extension units can be switched on and off by retriggering
- with red and green acknowledge/receive LED
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
IR hand-held transmitter for presence detector	7590 40 01	100
IR configuration hand-held transmitter for presence detector	7590 40 02	100
Surface-mounted housing for IR presence detector	1701 05	100



DESIGN	ORDER NO.	PU
polar white matt	**1701 07**	1



Surface-mounted housing for IR presence detector

Dimensions (Ø x H) 75 x 67 mm

- with cable entry
- also for KNX applications - KNX IR presence detector

SUITABLE FOR	ORDER NO.	PAGE
IR presence detector	1701 06	99
DALI IR presence detector	1701 07	99

DESIGN	ORDER NO.	PU
polar white matt	**1701 05**	1



IP30

IR hand-held transmitter for presence detector

Battery service life [years] ≈ 3.5
Dimensions (L x W x H) 120 x 70 x 10 mm

Scope of functions dependent on the controlled presence detector.
For control for the lighting connected to the presence detector.
Required battery (CR 2032) is included in the scope of delivery.

- with 4 function buttons (calling up/saving light scene)
- with green “on” and red “off” button (on/off, dimmer function)
- RC6 code
- additional acknowledgement LED for displaying the IR transmission
- also for KNX applications - KNX IR presence detector

SUITABLE FOR	ORDER NO.	PAGE
IR presence detector	1701 06	99
DALI IR presence detector	1701 07	99



DESIGN	ORDER NO.	PU
black matt	**7590 40 01**	1



IP30

IR configuration hand-held transmitter for presence detector

Battery service life [years] ≈ 3.5
Dimensions (L x W x H) 111 x 63 x 10 mm

For convenient configuration of supported presence detectors.
Required battery (CR 2032) is included in the scope of delivery.

- 3 configuration ranges for control, switch-off delay, brightness threshold
- setting of the brightness threshold manually, by default values or teach-in mode
- default settings can be selected for the brightness threshold daylight, office, corridor
- 15 buttons with integrated status-LED
- RC6 code
- 2 configuration memories for identical configuration of several presence detectors
- additional acknowledgement LED for displaying the IR transmission
- also for KNX applications - KNX IR presence detector

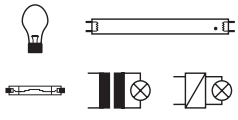
SUITABLE FOR	ORDER NO.	PAGE
IR presence detector	1701 06	99
DALI IR presence detector	1701 07	99



DESIGN	ORDER NO.	PU
black matt	**7590 40 02**	1

CONTROLLERS SURFACE-MOUNTED





µ IP55

Controller 70° surface-mounted

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption	≈ 1.1 W
230 V incandescent lamps and halogen lamps	1000 W
Fluorescent lamps:	
- uncompensated	500 VA
- parallel compensated	400 VA
- in Duo circuit	1000 VA
Conventional transformers	750 VA
Electronic transformers	750 W
Delay time, adjustable	≈ 10 s ... 5 min
Detection angle	70 °
Range	≈ 8 m
Range adjustable in 3 stages	4, 6, 8 m
Response brightness, adjustable	≈ 3 ... 80 lx, ∞ lx (day)
Recommended installation height	≈ 2.4 m
Detection field, rectangular shaped	≈ 8 x 11 m
Dimensions (W x H x D)	62 x 120 x 42 mm
Ambient temperature	-25 ... +55 °C

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

To prevent incorrect switching caused by draughts, the supplied sealings must be used under the fastening screws.

Switches on for the duration of the delay time when the minimum response brightness level is infringed and if people are detected.

Neutral conductor necessary!

- activation by push-button, NC contact in the line
- with cable entry at top and bottom
- with covers to limit the detection field
- for wall mounting
- specially for frontal approach
- with plug-in terminals

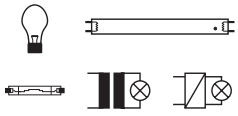
SUITABLE FOR	ORDER NO.	PAGE
optional		
Making current limiter	185	71

i 900



DESIGN	ORDER NO.	PU
polar white matt	**1 4399 09**	1
anthracite matt	**1 4399 05**	1





µ IP54

Automatic controller plus 110° surface-mounted

Operating voltage	230 V~
Frequency	50 Hz
230 V incandescent lamps	2300 W
230 V halogen lamps	1000 W
Fluorescent lamps:	
- uncompensated	1200 VA
- parallel compensated	920 VA
- in Duo circuit	2300 VA
Conventional transformers	1200 VA
Electronic transformers	1200 W
Delay time, adjustable	≈ 12 s ... 12 min
Detection angle	110 °
Range	≈ 16 m
Response brightness, adjustable	≈ 5 ... 300 lx, ∞ lx (day)
Recommended installation height	≈ 2.5 m
Detection field width	max. 25 m
Dimensions (W x H x D)	90 x 125 x 134 mm
Operating temperature	-35 ... +50 °C

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Switches on for the duration of the delay time when the minimum response brightness level is infringed and if people are detected.

Neutral conductor necessary!

- µ-processor controlled mode of operation
- activation by push-button, NC contact in the line
- with 2 cable entries at bottom
- with covers to limit the detection field
- for wall mounting
- digital detection signal evaluation
- rotating and vertically slewing
- with fitting material
- with screw terminals

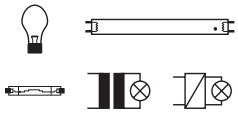
SUITABLE FOR	ORDER NO.	PAGE
optional		
Making current limiter	185	71

i 900



DESIGN	ORDER NO.	PU
polar white glossy	**102 09**	1





µ IP55

Controller Berker Control 220° surface-mounted

Operating voltage	230/240 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	2300 W
Fluorescent lamps:	
- uncompensated	1200 VA
- parallel compensated	920 VA
- in Duo circuit	2300 VA
Conventional transformers	1200 VA
Electronic transformers	1200 W
Delay time, adjustable	≈ 2 s ... 30 min
Short time mode	0.5 s
Limit switch-off	after max. 90 min
Detection angle	220 °
Detection field, semi-oval shaped	≈ 22 x 20 m
Range	≈ 16 m
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 1 ... 1000 lx, ∞ lx (day)
Recommended installation height	≈ 2.4 m
Dimensions (W x H x D)	109 x 112 x 139 mm
Operating temperature	-20 ... +55 °C

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Switches on for the duration of the delay time when the minimum response brightness level is infringed and if people are detected.

Neutral conductor necessary!

- with communication between individual units connected in parallel (controller system formation)
- with limit switch-off
- glare-proof, e.g. against a torch
- with non-weather-dependent range consistency
- µ-processor controlled mode of operation
- activation by push-button, NC contact in the line
- step operation with immunity time adjustment (e.g. for bell)
- with 4 operating modes: controller operation/4 h on/4 h off/test mode
- mode change by NC push-button in lead
- cable entry from all sides possible
- with cover elements to limit the detection field
- for wall and ceiling mounting
- digital detection signal evaluation
- digital interference signal suppression
- vertically slewing and horizontally rotating
- with LED detection and mode indicator
- with crawl-under protection
- with fitting material
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Making current limiter	185	71

i 900



DESIGN	ORDER NO.	PU
polar white glossy	# **190**	1

CONTROLLER SYSTEM

System controllers, surface-mounted

- Rotating and vertically slewing
- For wall mounting
- With 2 cable entries at top
- With push-on cover to limit the detection field
- With fitting material
- With LED detection indicator
- With screw terminals
- Controller system sensor cable, e.g. JY-ST-Y 2x2x0.8 mm



System controller 180°

Operating voltage	15 V=
Detection angle	180 °
Range	≈ 16 m
Recommended installation height	≈ 2.4 m
Detection field, semi-circular shaped	≈ 16 x 32 m
Fail-safety	≤ 10 V/m
Dimensions (W x H x D)	80 x 68 x 92 mm
Operating temperature	-25 ... +55 °C

IP55

Sends signal to controller system power pack if people are detected.

SUITABLE FOR	ORDER NO.	PAGE
System controller power packs		page 104
Mounting accessories		page 105

i 901



DESIGN	ORDER NO.	PU
polar white glossy	**151 09**	1



System controller 240°

Operating voltage	15 V=
Detection angle	240 °
Range	≈ 16 m
Recommended installation height	≈ 2.4 m
Detection field, rectangular shaped	≈ 22 x 20 m
Response sensitivity, settable	≈ 20 ... 100 %
Dimensions (W x H x D)	80 x 68 x 117 mm
Operating temperature	-25 ... +55 °C

IP55

- with crawl under protection and corresponding cover

Sends signal to controller system power pack if people are detected.

SUITABLE FOR	ORDER NO.	PAGE
System controller power packs		page 104
Mounting accessories		page 105

i 901



DESIGN	ORDER NO.	PU
polar white glossy	**152 09**	1

System controller power packs

- Switching on infringement of the minimum response brightness level and when people are detected by the 180°/240° system controllers and 1.1 m/2.2 m system controllers for the duration of the delay time.
- Neutral conductor necessary!



System controller power unit surface-mounted

Operating voltage	230 V~
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	2300 W
Fluorescent lamps:	
- uncompensated	1200 VA
- parallel compensated	920 VA
- in Duo circuit	2300 VA
Conventional transformers	1200 VA
Electronic transformers	1200 W
Delay time, adjustable	≈ 4 s ... 15 min
Response brightness, adjustable	≈ 3 ... 80 lx, ∞ lx (day)
Dimensions (W x H x D)	110 x 94 x 38 mm
Operating temperature	-25 ... +55 °C

IP55

- with limit switch-off
- with 2 cable entries at bottom
- for connection of system controllers 180°/240° and system controller inserts: max 8 pieces
- with green indicator LED
- with fitting material
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
System controllers, surface-mounted		page 103
optional		
Making current limiter	185	71

i 901

DESIGN	ORDER NO.	PU
polar white glossy	**150 29**	1



System controller power unit 1-channel RMD

Operating voltage	230 V~
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	2300 W
Fluorescent lamps:	
- uncompensated	1200 VA
- parallel compensated	920 VA
- in Duo circuit	2300 VA
Conventional transformers	1200 VA
Electronic transformers	1200 W
Delay time, adjustable	≈ 4 s ... 15 min
Response brightness, adjustable	≈ 3 ... 80 lx, ∞ lx (day)
Width of rail mounted device (RMD)	4 TE
Operating temperature	-25 ... +55 °C

- with limit switch-off
- for connection of system controllers 180°/240° and system controller inserts: max 8 pieces
- with potential-free contact
- with green indicator LED
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
System controllers, surface-mounted		page 103
optional		
Making current limiter	185	71

i 901

DESIGN	ORDER NO.	PU
light grey	**155**	1



System controller power unit 2-channel RMD

Operating voltage	230 V~
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	per channel 2300 W
Fluorescent lamps:	
- uncompensated	1200 VA
- parallel compensated	920 VA
- in Duo circuit	2300 VA
Conventional transformers	1200 VA
Electronic transformers	per channel 1200 W
Delay time, adjustable	≈ 4 s ... 15 min
Response brightness, adjustable	≈ 3 ... 80 lx, ∞ lx (day)
Width of rail mounted device (RMD)	4 TE
Operating temperature	-25 ... +55 °C

- with limit switch-off
- for connection of system controllers 180°/240° and system controller inserts: max 2 x 8 pieces
- with potential-free and mains-connected contact
- with green indicator LED per channel
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
System controllers, surface-mounted		page 103
optional		
Making current limiter	185	71

i 901

DESIGN	ORDER NO.	PU
light grey	**159**	1

SUPPLEMENTARY PRODUCTS

Mounting accessories



Corner mounting piece for controllers/sensors

- for mounting, e.g. on building corners

SUITABLE FOR	ORDER NO.	PAGE
System controller 180°	151 09	103
System controller 240°	152 09	103

i 905

DESIGN	ORDER NO.	PU
polar white glossy	**149 09**	1



Ceiling mounting angle for controller

- for ceiling mounting

SUITABLE FOR	ORDER NO.	PAGE
System controller 180°	151 09	103
System controller 240°	152 09	103

i 905

DESIGN	ORDER NO.	PU
Ceiling mounting angle for controller	**148**	1



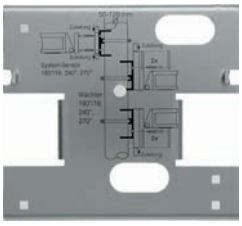
Ceiling mounting angle 2gang for controller

- for ceiling mounting of 2 controllers 180

SUITABLE FOR	ORDER NO.	PAGE
System controller 180°	151 09	103
System controller 240°	152 09	103

i 905

DESIGN	ORDER NO.	PU
Ceiling mounting angle 2gang for controller	**158**	1



Mast fixing for controllers/sensors

Mast Ø 50 ... 120 mm

SUITABLE FOR	ORDER NO.	PAGE
System controller 180°	151 09	103
System controller 240°	152 09	103

i 905

DESIGN	ORDER NO.	PU
Mast fixing for controllers/sensors	**154**	1

Radio interference suppressors for controllers



Interference suppressor for controller

Rated voltage	250 V~
Frequency	50/60 Hz
Capacity	0.05 µF
Resistor	100 Ω
Pre-assembled cables	≈ 95 mm
Dimensions (Ø x H)	18 x 37 mm

For connection of mains-parallel inductivities (e. g. conventional transformers) when they cause the controller to reactivate.

- RC element

SUITABLE FOR	ORDER NO.	PAGE
BLC timer RMD for stairway light	163 01	89

i 903

DESIGN	ORDER NO.	PU
light grey	**123**	1



B.
Berker

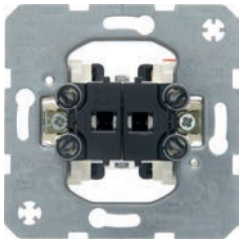
BLIND SWITCHES/PUSH-BUTTONS	108-115
BERKER.NET - CONVENTIONAL ELECTRONICS PLATFORM	115-117
ROLLOTEC SYSTEM	118-126
SUPPLEMENTARY PRODUCTS	126-128

A single action – and you can darken, brighten, open or lock any room to people outside. When combined with timers or sensors, all of this can happen automatically at times you set yourself or when the weather is bad. In this way, a Berker blind controller not only provides controlled sunlight penetration and temperature, but also tangibly more safety.

- Time-controlled raising and lowering of blinds.
- Twilight-controlled blind movement.
- Retraction of awnings or window closing according to precipitation or wind.
- Monitoring of windows and doors against glass breakage.
- Shut-out protection against blind lowering when the patio door is open.

BLIND SWITCHES/PUSH-BUTTONS

Switches/ push-buttons for blinds



Blind series switch 1pole

Rated voltage 250 V~
Switching current 10 A

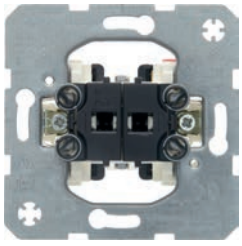
Follow the motor manufacturers' instructions.

- with mechanical and electrical interlocking to prevent mutual switch on
- with plug-in terminals

i 881



DESIGN	ORDER NO.	PU
Blind series switch 1pole	**3035 20**	10



Blind series switch 1pole

Rated voltage 250 V~
Momentary-contact current 10 A

Follow the motor manufacturers' instructions.

- with mechanical and electrical interlocking to prevent mutual activation
- with plug-in terminals

i 881



DESIGN	ORDER NO.	PU
Blind series switch 1pole	**5035 20**	10



Rocker 2gang with imprinted arrow symbol

- also for KNX applications: push-button, 2gang
- for blind series switch/push-button

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1625 89 82**	10
polar white glossy	**1625 89 89**	10
polar white matt	**1625 19 09**	10
anthracite matt	**1625 16 06**	10
aluminium matt, lacquered	**1625 14 04**	10
Berker Q.1/Q.3		
polar white velvety	**1625 60 89**	10
anthracite velvety, lacquered	**1625 60 86**	10





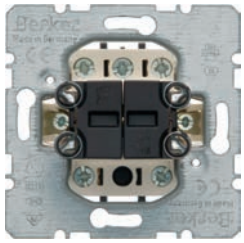
Berker K.1/K.5		
polar white glossy	**1435 71 09**	10
anthracite matt, lacquered	**1435 71 06**	10
Aluminium, aluminium anodised	**1435 71 03**	10
Stainless steel, metal matt finish	**1435 71 04**	10
Berker Arsys		
white glossy	**1435 01 02**	10
polar white glossy	**1435 01 69**	10
brown glossy	**1435 01 01**	10
Stainless steel, metal matt finish	**1434 01 04**	10
gold matt, aluminium anodised	**1434 01 02**	10





Berker R.1/R.3		
polar white glossy	**1625 20 89**	10
black glossy	**1625 20 45**	10

Multi-pole push-buttons for blinds



Group series push-button, 4 NO contacts, common input terminal

- 0 position

- with neutral-position
- also suitable as series push-button for blinds
- with screw terminals

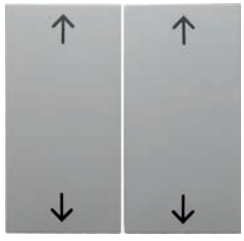
i 881

Rated voltage	250 V~
Momentary-contact current	10 A

Follow the motor manufacturers' instructions.
Connection terminals according to IEC 60669-1



DESIGN	ORDER NO.	PU
Group series push-button, 4 NO contacts, common input terminal	**5034 04**	10



Rocker 2gang with imprinted arrows symbol

- also for KNX applications: group push-button, 2gang

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1644 89 82**	10
polar white glossy	**1644 89 89**	10
polar white matt	**1644 19 09**	10
anthracite matt	**1644 16 06**	10
aluminium matt, lacquered	**1644 14 04**	10
Berker Q.1/Q.3		
polar white velvety	**1644 60 89**	10
anthracite velvety, lacquered	**1644 60 86**	10





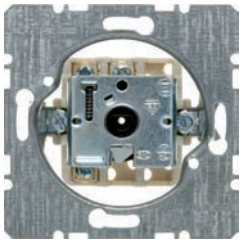


Berker K.1/K.5		
polar white glossy	**1435 72 09**	10
anthracite matt, lacquered	**1435 72 06**	10
Aluminium, aluminium anodised	**1435 71 03**	10
Stainless steel, metal matt finish	**1435 72 04**	10
Berker Arsys		
white glossy	**1435 03 02**	10
polar white glossy	**1435 03 69**	10
brown glossy	**1435 03 01**	10
light bronze matt, aluminium lacquered	**1434 03 01**	10
Stainless steel, metal matt finish	**1434 03 04**	10
gold matt, aluminium anodised	**1434 03 02**	10
Berker R.1/R.3		
polar white glossy	**1644 20 89**	10
black glossy	**1644 20 45**	10



Rotary switches for blinds

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



Rotary switch for blinds 1pole

Rated voltage 250 V~
Switching current 10 A

Follow the motor manufacturers' instructions.
Connection terminals according to IEC 60669-1

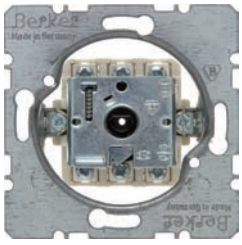
- with push lock function
- with neutral-position
- for centre plate with rotary knob
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Centre plate with rotary knob for rotary switch for blinds		page 110
Centre plate with rotary knob for rotary switch for blinds	1529 ..	615
optional		
Interlock disk for rotary switch for blinds	1861 ..	111

i 881



DESIGN	ORDER NO.	PU
Rotary switch for blinds 1pole	**3841**	10



Rotary switch for blinds 2pole

Rated voltage 250 V~
Switching current 10 A

Follow the motor manufacturers' instructions.
Connection terminals according to IEC 60669-1

- with push lock function
- with neutral-position
- for centre plate with rotary knob
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Centre plate with rotary knob for rotary switch for blinds	1077 ..	111
Centre plate with rotary knob for rotary switch for blinds	1080 ..	110
Centre plate with rotary knob for rotary switch for blinds	1529 ..	615
optional		
Interlock disk for rotary switch for blinds	1861 ..	111

i 881



DESIGN	ORDER NO.	PU
Rotary switch for blinds 2pole	**3842**	10



Centre plate with rotary knob for rotary switch for blinds

- with imprint

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1080 89 82**	1
polar white glossy	**1080 89 89**	1
polar white matt	**1080 19 09**	1
anthracite matt	**1080 16 06**	1
aluminium matt, lacquered	**1080 14 04**	1
Berker Q.1/Q.3		
polar white velvety	**1080 60 89**	1
anthracite velvety, lacquered	**1080 60 86**	1



Berker K.1/K.5		
polar white glossy	**1077 71 09**	1
anthracite matt, lacquered	**1077 71 06**	1
Aluminium, aluminium anodised	**1077 71 03**	1
Stainless steel, metal matt finish	**1077 71 04**	1





DESIGN	ORDER NO.	PU
Berker Arsys		
white glossy	**1077 00 02**	1
polar white glossy	**1077 00 69**	1
brown glossy	**1077 00 01**	1
light bronze matt, aluminium lacquered	**1077 01 01**	1
Stainless steel, metal matt finish	**1077 01 04**	1
gold/polar white, matt/glossy, aluminium anodised	**1077 01 02**	1
Berker R.1/R.3		
polar white glossy	**1080 20 89**	1
black glossy	**1080 20 45**	1





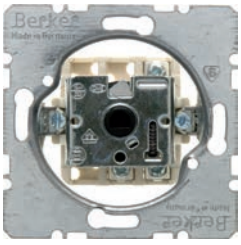
Interlock disk for rotary switch for blinds

- for conversion to rotary push-button for blinds

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7, Q.1/Q.3, K.1/K.5, Arsys		
Interlock disk for rotary switch for blinds	**1861**	10
Berker R.1/R.3/Serie R.classic		
Interlock disk for rotary switch for blinds	**1861 01**	10

Key switches/key push-buttons for blinds

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



Switch for blinds 1pole for centre plate with lock

Rated voltage 250 V~
Switching current 10 A

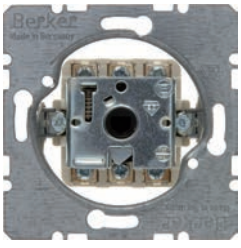
Follow the motor manufacturers' instructions.

- with push lock function
- with neutral-position
- the centre plate used determines the function of switch or push-button
- with screw terminals

i 881



DESIGN	ORDER NO.	PU
Switch for blinds 1pole for centre plate with lock	**3851**	10



Switch for blinds 2pole for centre plate with lock

Rated voltage 250 V~
Switching current 10 A

Follow the motor manufacturers' instructions.

- with push lock function
- with neutral-position
- the centre plate used determines the function of switch or push-button
- with screw terminals

i 881



DESIGN	ORDER NO.	PU
Switch for blinds 2pole for centre plate with lock	**3852**	10



Centre plate with lock and push lock function for switch for blinds

- Key can be removed in 0 position



- with imprint
- with 2 keys







DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1081 89 82**	1
polar white glossy	**1081 89 89**	1
polar white matt	**1081 19 09**	1
anthracite matt	**1081 16 06**	1
aluminium matt, lacquered	**1081 14 04**	1
Berker Q.1/Q.3		
polar white velvety	**1081 60 89**	1
anthracite velvety, lacquered	**1081 60 86**	1
Berker K.1/K.5		
polar white glossy	**1079 71 09**	1
anthracite matt, lacquered	**1079 71 06**	1
Aluminium, aluminium anodised	**1079 71 03**	1
Stainless steel, metal matt finish	**1079 71 04**	1
Berker Arsys		
white glossy	**1079 00 02**	1
polar white glossy	**1079 00 69**	1
brown glossy	**1079 00 01**	1
light bronze matt, aluminium lacquered	**1079 03 01**	1
Stainless steel, metal matt finish	**1079 03 04**	1
gold/polar white, matt/glossy, aluminium anodised	**1079 03 02**	1



Centre plate with lock and push lock function for switch for blinds

- Key can be removed in 3 positions



- with imprint
- with 2 keys







DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1082 89 82**	1
polar white glossy	**1082 89 89**	1
polar white matt	**1082 19 09**	1
Berker Q.1/Q.3		
polar white velvety	**1082 60 89**	1
anthracite velvety, lacquered	**1082 60 86**	1
Berker K.1/K.5		
polar white glossy	**1079 72 09**	1
anthracite matt, lacquered	**1079 72 06**	1
Aluminium, aluminium anodised	**1079 72 03**	1
Stainless steel, metal matt finish	**1079 72 04**	1
Berker Arsys		
white glossy	**1079 01 02**	1
polar white glossy	**1079 01 69**	1
brown glossy	**1079 01 01**	1
light bronze matt, aluminium lacquered	**1079 04 01**	1
Stainless steel, metal matt finish	**1079 04 04**	1
gold/polar white, matt/glossy, aluminium anodised	**1079 04 02**	1



Centre plate with lock and touch function for switch for blinds

- Key can be removed in 0 position

- with imprint
- with 2 keys

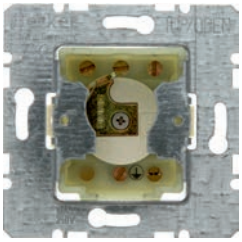
DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1083 89 82**	1
polar white glossy	**1083 89 89**	1
polar white matt	**1083 19 09**	1
Berker Q.1/Q.3		
polar white velvety	**1083 60 89**	1
anthracite velvety, lacquered	**1083 60 86**	1





Berker K.1/K.5		
polar white glossy	**1079 73 09**	1
anthracite matt, lacquered	**1079 73 06**	1
Aluminium, aluminium anodised	**1079 73 03**	1
Stainless steel, metal matt finish	**1079 73 04**	1
Berker Arsys		
white glossy	**1079 02 02**	1
polar white glossy	**1079 02 69**	1
brown glossy	**1079 02 01**	1
light bronze matt, aluminium lacquered	**1079 05 01**	1
Stainless steel, metal matt finish	**1079 05 04**	1
gold/polar white, matt/glossy, aluminium anodised	**1079 05 02**	1





Switch for blinds 1pole for lock cylinder

- Earthing contact
- 0 position

- with push lock function
- without spreader claws
- for master-key systems
- with screw terminals

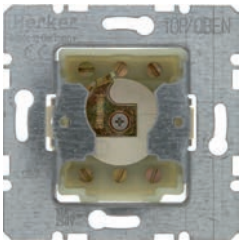
Rated voltage 250 V~
Switching current 10 A

Suitable for water-protected, flush-mounted installation IP44.

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for key push-button for blinds/key switch		page 114
Centre plate for key push-button for blinds/key switch	1518 1 ..	616
Lock cylinder	1818 ..	72



DESIGN	ORDER NO.	PU
Flush-mounted splash-protected IP44		
Switch for blinds 1pole for lock cylinder	**3821 20**	10



Switch for blinds 2pole for lock cylinder

Rated voltage 250 V~
Switching current 10 A

- with push lock function
- with neutral-position
- without spreader claws
- for master-key systems
- with screw terminals

Caution!
Use only the following adhesive sets.
Loctite, hotline tel. +49 (0)89/92681121

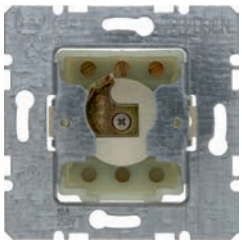
29691 Glass-metal adhesive set
consisting of:
319 adhesive and
7649 activator

SUITABLE FOR	ORDER NO.	PAGE
Lock cylinder	1818 ..	72

i 881



DESIGN	ORDER NO.	PU
Switch for blinds 2pole for lock cylinder	**3822 10**	10



Push-button for blinds 1pole for lock cylinder

Rated voltage 250 V~
Momentary-contact current 10 A

- without spreader claws
- for master-key systems
- with screw terminals

Caution!
Use only the following adhesive sets.
Loctite, hotline tel. +49 (0)89/92681121

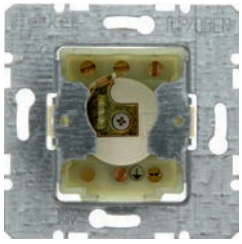
29691 Glass-metal adhesive set
consisting of:
319 adhesive and
7649 activator

SUITABLE FOR	ORDER NO.	PAGE
Lock cylinder	1818 ..	72

i 881



DESIGN	ORDER NO.	PU
Push-button for blinds 1pole for lock cylinder	**3831 10**	10



Push-button for blinds 1pole for lock cylinder

- Earthing contact

- 1pole
- without spreader claws
- for master-key systems
- with screw terminals

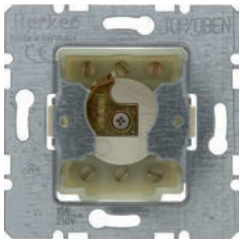
Rated voltage 250 V~
Momentary-contact current 10 A

Suitable for water-protected, flush-mounted installation IP44.

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for key push-button for blinds/key switch		page 114
Centre plate for key push-button for blinds/key switch	1518 1 ..	616
Lock cylinder	1818 ..	72



DESIGN	ORDER NO.	PU
Flush-mounted splash-protected IP44		
Push-button for blinds 1pole for lock cylinder	**3831 20**	10



Push-button for blinds 2pole for lock cylinder

Rated voltage 250 V~
Momentary-contact current 10 A

- without spreader claws
- for master-key systems
- with screw terminals

Caution!
Use only the following adhesive sets.
Loctite, hotline tel. +49 (0)89/92681121

29691 Glass-metal adhesive set
consisting of:
319 adhesive and
7649 activator

SUITABLE FOR	ORDER NO.	PAGE
Lock cylinder	1818 ..	72

i 881



DESIGN	ORDER NO.	PU
Push-button for blinds 2pole for lock cylinder	**3832 10**	10



Centre plate for key push-button for blinds/key switch

- with imprint
- for lock cylinder
- for master-key systems

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1506 89 82**	10
polar white glossy	**1506 89 89**	10
polar white matt	**1506 19 09**	10
anthracite matt	**1506 16 06**	10
aluminium matt, lacquered	**1506 14 04**	10
Berker Q.1/Q.3		
polar white velvety	**1506 60 89**	10
anthracite velvety, lacquered	**1506 60 86**	10







DESIGN	ORDER NO.	PU
Berker K.1/K.5		
polar white glossy	**1504 71 09**	10
anthracite matt, lacquered	**1504 71 06**	10
aluminium matt, lacquered	**1504 71 03**	10
stainless steel matt, lacquered	**1504 71 04**	10
Berker Arsys		
white glossy	**1504 00 12**	10
polar white glossy	**1504 00 79**	10
brown glossy	**1504 00 11**	10
light bronze matt, lacquered	**1504 90 21**	10
stainless steel matt, lacquered	**1504 90 14**	10



Lock cylinder

In key switches, the key can be pulled out in the ON position in the appropriate bolt position.
With 5 tumblers to according to DIN 18252

- for switches/push-buttons for lock cylinders
- with 3 keys
- for change-over switches/push-buttons for lock cylinders

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for key push-button for blinds/key switch		page 114
Switch for blinds 1pole for lock cylinder	3821 20	113
Switch for blinds 2pole for lock cylinder	3822 10	113
Push-button for blinds 1pole for lock cylinder	3831 ..	114
Push-button for blinds 2pole for lock cylinder	3832 10	114
Centre plate for key push-button for blinds/key switch	1518 1 ..	616

i 881

DESIGN	ORDER NO.	PU
with differing closures		
Lock cylinder	**1818**	1
with same closures		
Lock cylinder	**1818 01**	1

BERKER.NET - CONVENTIONAL ELECTRONICS PLATFORM



μ

Blind insert comfort

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current (ohmic/inductive)	max. 5 A
Switching current at cos φ = 0.6	max. 3 A
Power consumption (standby)	< 0.1 W
Change-over time for change of direction	< 0.6 s
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Operating temperature	-5 ... +45 °C
Housing installation depth	22 mm
Claw guidance installation depth	32 mm

- for single, group and master controls
- low intrinsic energy requirement
- with 2 mechanically and electrically mutually-locked relay contacts
- with 230 V extension unit inputs for up and down
- no conductive connection between supporting ring and spreading claws
- circuiting of extension units push-buttons for blinds, blind inserts, key push-buttons for blinds
- with screw terminals

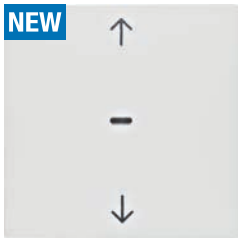
SUITABLE FOR	ORDER NO.	PAGE
Blind button	8524 11 ..	116
Blind time switch	8574 11 ..	117

i 918



DESIGN	ORDER NO.	PU
Blind insert comfort	**8522 11 00**	1

Blind covers



Blind button

Venetian blind movement time	2 min
Delay time, adjustable	0 s ... 500 s
Change-over time for change of direction	< 0.6 s
Minimum slat adjustment time	≈ 150 ms
Operating temperature	-5 ... +45 °C

- low intrinsic energy requirement
- LED application module/insert compatibility display
- with indicator LED for lock-out protection
- with status LED for memory and party function, red/orange
- memory function for automatic execution of learned up and down times with position
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- with anti-dismantling protection
- with imprinted symbol arrows

SUITABLE FOR	ORDER NO.	PAGE
Blind insert comfort	8522 11 00	115

i 918









DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	* **8524 11 82**	1
polar white glossy	* **8524 11 89**	1
polar white matt	* **8524 11 88**	1
anthracite matt	* **8524 11 85**	1
aluminium, matt, lacquered	* **8524 11 83**	1
Berker Q.1/Q.3		
polar white velvety	* **8524 11 29**	1
anthracite velvety, lacquered	* **8524 11 26**	1
Berker K.1/K.5		
polar white glossy	* **8524 11 79**	1
anthracite matt, lacquered	* **8524 11 75**	1
aluminium, matt, lacquered	* **8524 11 77**	1
stainless steel matt, lacquered	* **8524 11 73**	1
Berker R.1/R.3		
polar white glossy [1]	**8524 11 39**	1
black glossy [1]	**8524 11 31**	1

[1] no dismantling protection possible



Blind time switch

- Display



Running time	2 min
Change-over time for change of direction	< 0.6 s
Number of operation times for up/down	20
Astronomic time shift	± 2 h
Random number generator	± 15 min
Power reserve	≈ 24 h
Minimum slat adjustment time	≈ 150 ms
Operating temperature	-5 ... +45 °C

Control using device buttons and programmed switching times.

- low intrinsic energy requirement
- indication of the application module/insert compatibility in the display
- LC display illuminated during operation
- LC display contrast is adjustable
- menu guidance available in German, English or French
- with switchover manual/automatic mode
- astro programme for sunrise/sundown switching with city/country or co-ordinate input, individually adaptable
- holiday programme for random variation of the operation times in automatic operation
- 2 independent preset programme memories, individually adaptable
- with keylock
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- reset function (to factory setting)
- with automatic summer-/winter time switching (can be switched off)
- with anti-dismantling protection

SUITABLE FOR	ORDER NO.	PAGE
Blind insert comfort	8522 11 00	115

i 918









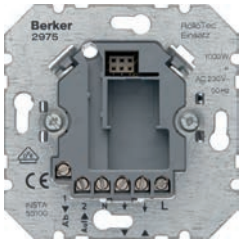
DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	* **8574 11 82**	1
polar white glossy	* **8574 11 89**	1
aluminium, matt, lacquered	* **8574 11 83**	1
anthracite matt	* **8574 11 85**	1
polar white matt	* **8574 11 88**	1
Berker Q.1/Q.3		
polar white velvety	* **8574 11 29**	1
anthracite velvety, lacquered	* **8574 11 26**	1
Berker K.1/K.5		
polar white glossy	* **8574 11 79**	1
anthracite matt, lacquered	* **8574 11 75**	1
aluminium, matt, lacquered	* **8574 11 77**	1
stainless steel matt, lacquered	* **8574 11 73**	1
Berker R.1/R.3		
polar white glossy [1]	**8574 11 39**	1
black glossy [1]	**8574 11 31**	1

[1] no dismantling protection possible

ROLLOTEC SYSTEM

RolloTec inserts

- Light scene function (up/down) in conjunction with RolloTec radio button.



M

RolloTec insert comfort

- Extension inputs

1

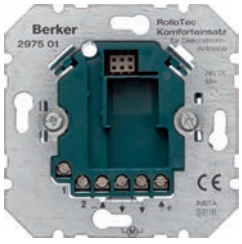
Operating voltage	230 V~
Frequency	50/60 Hz
Switching capacity for max. 1 motor	1000 W
Operating temperature	+5 ... +35 °C
Conductor cross-section (rigid)	max. 2,5 / 2 x 1.5 mm²

- with 2 mechanically interlocked NO contacts
- with 230 V extension unit inputs for up, down and sensors
- for single, group and master controls
- suitable for multi-phase mode
- with screw terminals

i 912

Recommendation: use deep box.
Neutral conductor necessary!

DESIGN		ORDER NO.	PU
RolloTec insert comfort	#	**2975**	1



M

RolloTec insert comfort for direct current drives

Operating voltage	24 V=
Switching current at 24 V=	max. 3 A
Current consumption (operation)	≈ 100 mA
Current consumption (idle)	≈ 30 mA
Operating temperature	+5 ... +35 °C
Conductor cross-section (rigid)	max. 2,5 / 2 x 1.5 mm²

- with 2 reverse polarity change-over relays
- for 24 V reverse polarity motors with limit switches
- with 24 V reverse polarity extension unit inputs for up and down
- for single, group and master controls
- with screw terminals

i 912

Recommendation: use deep box.
Follow the motor manufacturers' instructions.
External power supply 24 V= with protective separation required.

Recommendation of power supply units:
Elka, type: SV230-24.1250 DC, item no. 140 01 915 or
Elka, type: SV230-24.2500 DC, item no. 140 01 916
Phoenix, type: STEP-PS-100-240AC/24DC/1.5 item no.: 2938947

DESIGN		ORDER NO.	PU
RolloTec insert comfort for direct current drives	#	**2975 01**	1



M

RolloTec insert

Operating voltage	230 V~
Frequency	50/60 Hz
Switching capacity for max. 1 motor	1000 W
Operating temperature	+5 ... +35 °C
Conductor cross-section (rigid)	max. 2,5 / 2 x 1.5 mm²

- with 2 mechanically interlocked NO contacts
- without 230 V extension unit inputs
- for single and master controls
- with screw terminals

i 912

Recommendation: use deep box.
Neutral conductor necessary!

Not suitable for wind and precipitation sensor.

DESIGN		ORDER NO.	PU
RolloTec insert	#	**2925**	1

RolloTec buttons



RolloTec button comfort for sensors

Sun brightness value	≈ 5 ... 80 klx
Teachable running time	0.5 s ... 2 min

- when using a surface-mounted brightness sensor, the learned running time for sun protection movement is used
- no twilight sensor function
- activation of the anti-lockout device in the upper final position by touching in the up direction for at least 3 s
- brightnesses individually adjustable
- with lock-out protection, e.g. for blind control terrace door
- for sensor connection to socket contact or terminal block
- with indicator LED for lock-out protection

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 118
optional		
RolloTec adapter for sensors	171	125
RolloTec glass breakage sensor	170	125
RolloTec brightness sensor	169	125
RolloTec brightness sensor surface-mounted	184	125
Magnetic contact	9251 0 ..	126

i 912









DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	# **1771 89 82**	1
polar white glossy	# **1771 89 89**	1
polar white matt	# **1771 19 09**	1
anthracite matt	# **1771 16 06**	1
aluminium matt, lacquered	# **1771 14 04**	1
Berker Q.1/Q.3		
polar white velvety	# **1771 60 89**	1
anthracite velvety, lacquered	# **1771 60 86**	1
Berker K.1/K.5		
polar white glossy	# **1771 70 09**	1
anthracite matt, lacquered	# **1771 70 06**	1
Aluminium, aluminium anodised	# **1771 70 03**	1
Stainless steel, metal matt finish	# **1771 70 04**	1
Berker Arsys		
white glossy	**1771 00 12**	1
polar white glossy	**1771 00 79**	1
brown glossy	**1771 00 11**	1
light bronze matt, aluminium lacquered	**1771 90 21**	1
Stainless steel, metal matt finish	**1771 90 14**	1
gold matt, aluminium anodised	**1771 90 12**	1



RolloTec button comfort

Teachable running time 0.5 s ... 2 min

- activation of the anti-lockout device in the upper final position by touching in the up direction for at least 3 s
- with lock-out protection, e.g. for blind control terrace door
- with indicator LED for lock-out protection

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 118

i 912









DESIGN		ORDER NO.	PU
Berker S.1/B.3/B.7			
white glossy	#	**1770 89 82**	1
polar white glossy	#	**1770 89 89**	1
polar white matt	#	**1770 19 09**	1
anthracite matt	#	**1770 16 06**	1
aluminium matt, lacquered	#	**1770 14 04**	1
Berker Q.1/Q.3			
polar white velvety	#	**1770 60 89**	1
anthracite velvety, lacquered	#	**1770 60 86**	1
Berker K.1/K.5			
polar white glossy	#	**1770 70 09**	1
anthracite matt, lacquered	#	**1770 70 06**	1
Aluminium, aluminium anodised	#	**1770 70 03**	1
Stainless steel, metal matt finish	#	**1770 70 04**	1
Berker Arsys			
white glossy		**1770 00 12**	1
polar white glossy		**1770 00 79**	1
brown glossy		**1770 00 11**	1
light bronze matt, aluminium lacquered		**1770 90 21**	1
Stainless steel, metal matt finish		**1770 90 14**	1
gold matt, aluminium anodised		**1770 90 12**	1



RolloTec memory button for sensors

Storage of the raising/lowering movement time on button-press > 3.5 s

Sun brightness value ≈ 20 klx

Stored “up” and/or “down” time is run daily in automatic operation.

For manual and time-programmed running of awnings, shutters and blinds.

- no twilight sensor function
- for sensor connection to socket contact or terminal block

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 118
optional		
RolloTec adapter for sensors	171	125
RolloTec glass breakage sensor	170	125
RolloTec brightness sensor	169	125
RolloTec brightness sensor surface-mounted	184	125
Magnetic contact	9251 0 ..	126

i 912



DESIGN		ORDER NO.	PU
Berker S.1/B.3/B.7			
white glossy	#	**1757 89 82**	1
polar white glossy	#	**1757 89 89**	1
polar white matt	#	**1757 19 09**	1
anthracite matt	#	**1757 16 06**	1
aluminium matt, lacquered	#	**1757 14 04**	1
Berker Q.1/Q.3			
polar white velvety	#	**1757 60 89**	1
anthracite velvety, lacquered	#	**1757 60 86**	1





DESIGN		ORDER NO.	PU
Berker K.1/K.5			
polar white glossy	#	**1757 70 09**	1
anthracite matt, lacquered	#	**1757 70 06**	1
Aluminium, aluminium anodised	#	**1757 70 03**	1
Stainless steel, metal matt finish	#	**1757 70 04**	1
Berker Arsys			
white glossy		**1757 00 12**	1
polar white glossy		**1757 00 79**	1
brown glossy		**1757 00 11**	1
light bronze matt, aluminium lacquered		**1757 90 21**	1
Stainless steel, metal matt finish		**1757 90 14**	1
gold matt, aluminium anodised		**1757 90 12**	1



RolloTec memory button

Storage of the raising/lowering movement time on button-press > 3.5 s

Stored “up” and/or “down” time is run daily in automatic operation.

For manual and time-programmed running of awnings, shutters and blinds.

SUITABLE FOR
RolloTec inserts

ORDER NO.

PAGE
page 118

i 912







DESIGN		ORDER NO.	PU
Berker S.1/B.3/B.7			
white glossy	#	**1756 89 82**	1
polar white glossy	#	**1756 89 89**	1
polar white matt	#	**1756 19 09**	1
anthracite matt	#	**1756 16 06**	1
aluminium matt, lacquered	#	**1756 14 04**	1
Berker Q.1/Q.3			
polar white velvety	#	**1756 60 89**	1
anthracite velvety, lacquered	#	**1756 60 86**	1
Berker K.1/K.5			
polar white glossy	#	**1756 70 09**	1
anthracite matt, lacquered	#	**1756 70 06**	1
Aluminium, aluminium anodised	#	**1756 70 03**	1
Stainless steel, metal matt finish	#	**1756 70 04**	1
Berker Arsys			
white glossy		**1756 00 12**	1
polar white glossy		**1756 00 79**	1
brown glossy		**1756 00 11**	1
light bronze matt, aluminium lacquered		**1756 90 21**	1
Stainless steel, metal matt finish		**1756 90 14**	1
gold matt, aluminium anodised		**1756 90 12**	1

RolloTec time switches

- For manual and timer programmed running of awnings, shutters and blinds.
- With slide switch for manual/automatic



RolloTec comfort time switch for sensors

- Display



Random number generator	± 15 min
Number of operation times for up/down	18
Astronomic time shift	± 2 h
Teachable running time	1 s ... 6 min
Learnable down time	1 s ... 6 min
Lamella adjusting time	0 ... 5 s
Twilight setting range	≈ 6 ... 300 lx
Sun setting range	≈ 1 ... 76 klx
Power reserve (maintenance-free)	≈ 3 h
Operating temperature	+0 ... +45 °C

- coincidence and astro function can be combined
- brightness values sun and twilight individually settable
- indication of the next operation schedule under consideration of astro and coincidence function
- large-area display with symbols
- for the sensor connection on the clamping block in the insert
- with surface-mounted RolloTec brightness sensor, shutter and lamella position additionally settable
- when a surface-mounted RolloTec brightness sensor is connected, twilight-controlled lowering possible
- RolloTec brightness sensor for sun blind movement up/down can be connected
- lock out protection because evaluation of the centre or extension unit commands can be switched off
- lamella position programmable at down operation times
- with automatic summer-/winter time switching (can be switched off)
- with a total of 3 independent programme memories
- 2 programme memories preset
- astro programme for sunrise/sundown switching
- programming according to week and days possible
- programme memory network failure proved
- with German display text

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 118
optional		
RolloTec brightness sensor	169	125
RolloTec glass breakage sensor	170	125
RolloTec adapter for sensors	171	125
RolloTec brightness sensor surface-mounted	184	125
Magnetic contact	9251 0 ..	126

i 916









DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	# **1775 89 82**	1
polar white glossy	# **1775 89 89**	1
polar white matt	# **1775 19 09**	1
anthracite matt	# **1775 16 06**	1
aluminium matt, lacquered	# **1775 14 04**	1
Berker Q.1/Q.3		
polar white velvety	# **1775 60 89**	1
anthracite velvety, lacquered	# **1775 60 86**	1
Berker K.1/K.5		
polar white glossy	# **1775 70 09**	1
anthracite matt, lacquered	# **1775 70 06**	1
aluminium matt, lacquered	# **1775 70 03**	1
stainless steel matt, lacquered	# **1775 70 04**	1
Berker Arsys		
white glossy	**1775 00 02**	1
polar white glossy	**1775 00 69**	1
brown glossy	**1775 00 01**	1
light bronze matt, lacquered	**1775 90 11**	1
stainless steel matt, lacquered	**1775 90 04**	1



RolloTec comfort time switch

- Display



Random number generator	± 15 min
Number of operation times for up/down	18
Astronomic time shift	± 2 h
Teachable running time	2 min ... 6 min
Learnable down time	1 s ... 6 min
Lamella adjusting time	0 ... 5 s
Power reserve (maintenance-free)	≈ 4 h
Operating temperature	+0 ... +45 °C

- coincidence and astro function can be combined
- indication of the next operation schedule under consideration of astro and coincidence function
- large-area display with symbols
- lock out protection because evaluation of the centre or extension unit commands can be switched off
- lamella position programmable at down operation times
- with automatic summer-/winter time switching (can be switched off)
- with a total of 3 independent programme memories
- 2 programme memories preset
- astro programme for sunrise/sundown switching
- programming according to week and days possible
- programme memory network failure proved
- with German display text

SUITABLE FOR RolloTec inserts

ORDER NO.

PAGE page 118

i 916









DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	# **1774 89 82**	1
polar white glossy	# **1774 89 89**	1
polar white matt	# **1774 19 09**	1
anthracite matt	# **1774 16 06**	1
aluminium matt, lacquered	# **1774 14 04**	1
Berker Q.1/Q.3		
polar white velvety	# **1774 60 89**	1
anthracite velvety, lacquered	# **1774 60 86**	1
Berker K.1/K.5		
polar white glossy	# **1774 70 09**	1
anthracite matt, lacquered	# **1774 70 06**	1
aluminium matt, lacquered	# **1774 70 03**	1
stainless steel matt, lacquered	# **1774 70 04**	1
Berker Arsys		
white glossy	**1774 00 02**	1
polar white glossy	**1774 00 69**	1
brown glossy	**1774 00 01**	1
light bronze matt, lacquered	**1774 90 11**	1
stainless steel matt, lacquered	**1774 90 04**	1



RolloTec easy time switch

- Display



Number of operation times for up/down 2
Power reserve (maintenance-free) ≈ 6 h

No extension units and sensor signals or central commands will be processed.

- After charging, the timer can also be programmed when removed
- with imprint
- large-area display
- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of operation times
- with quick programming mode
- programming possible for up to 6 h after removing insert
- with preset basic programme

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 118

i 912

DESIGN		ORDER NO.	PU
Berker S.1/B.3/B.7			
white glossy	#	**1762 89 82**	1
polar white glossy	#	**1762 89 89**	1
polar white matt	#	**1762 19 09**	1
anthracite matt	#	**1762 16 06**	1
aluminium matt, lacquered	#	**1762 14 04**	1
Berker Q.1/Q.3			
polar white velvety	#	**1762 60 89**	1
anthracite velvety, lacquered	#	**1762 60 86**	1
Berker K.1/K.5			
polar white glossy	#	**1762 71 09**	1
anthracite matt, lacquered	#	**1762 71 06**	1
aluminium matt, lacquered	#	**1762 71 03**	1
stainless steel matt, lacquered	#	**1762 71 04**	1
Berker Arsys			
white glossy		**1762 00 02**	1
polar white glossy		**1762 00 69**	1
brown glossy		**1762 00 01**	1
light bronze matt, lacquered		**1762 90 11**	1
stainless steel matt, lacquered		**1762 90 04**	1

RolloTec sensors



μ IP65

RolloTec precipitation sensor

Operating voltage 230 V~
Frequency 50/60 Hz
Switch-on current at 250 V~ (ohmic) max. 15 A
Switching current at 30 V= (ohmic) max. 3 A
Switching current at 250 V~ (ohmic) max. 6 A
Power consumption incl. additional heating max. 4.5 W
Operating temperature -30 ... +70 °C
Pre-assembled cables ≈ 2.9 m
Dimensions, mounting bracket (W x H x D) 130 x 90 x 90 mm
Dimensions sensor (L x W x H) 82 x 60 x 57.5 mm
Mast Ø max. 62 mm

Neutral conductor necessary!
When it begins to rain, snow etc. the contact is closed. To protect against mildew on awnings, roller shutters etc.

- heated
- pre-assembled, with cables
- with stainless steel mounting bracket approx. 70°
- with pipe clamp for mast fixing
- with potential-free change-over contact

SUITABLE FOR	ORDER NO.	PAGE
RolloTec insert comfort	2975	118

i 915

DESIGN		ORDER NO.	PU
grey	#	**183 01**	1



RolloTec brightness sensor

Rated current (in daylight)	≈ 2 mA
Rated current (in darkness)	≈ 0.5 mA
Internal resistance	≈ 12 kΩ
Operating temperature	-30 ... +70 °C
Line length	2 m
Cable length extendable to	max. 20 m
Dimensions, sensor (Ø x H)	45 x 25 mm

- pre-assembled, with cable and plug
- for suction cover to window pane
- with photodiode

IP54

Before mounting, clean window pane with spirit and sensor with washing up liquid, then dip sensor in clear water and stick onto window pane.

Only suitable for covers with sensor connection.

SUITABLE FOR	ORDER NO.	PAGE
Timer comfort for sensors	1738 ..	36
RolloTec comfort time switch for sensors	1775 ..	122
RolloTec radio button for sensors	1759 ..	703
RolloTec button comfort for sensors	1771 ..	119
RolloTec memory button for sensors	1757 ..	121

i 914

DESIGN		ORDER NO.	PU
polar white	#	**169**	1



RolloTec brightness sensor surface-mounted

Rated current (in daylight)	≈ 2 mA
Rated current (in darkness)	≈ 0.5 mA
Internal resistance	≈ 12 kΩ
Operating temperature	-30 ... +70 °C
Line length	max. 20 m
Dimensions, sensor (W x H x D)	27 x 84.5 x 30 mm

- with mounting bracket
- with photodiode
- with screw terminals

IP54

Only suitable for covers with sensor connection.

SUITABLE FOR	ORDER NO.	PAGE
Timer comfort for sensors	1738 ..	36
RolloTec memory button for sensors	1757 ..	121
RolloTec radio button for sensors	1759 ..	703
RolloTec comfort time switch for sensors	1775 ..	122
RolloTec button comfort for sensors	1771 ..	119

i 914

DESIGN		ORDER NO.	PU
polar white	#	**184**	1



RolloTec glass breakage sensor

Operating temperature	-30 ... +70 °C
Line length	2 m
Cable length extendable to	max. 20 m
Dimensions sensor (L x W x H)	37 x 19 x 12 mm

- pre-assembled, with cable and plug

IP67

In case of glass breakage the roller shutter is moved down and the extension unit inputs are locked.

SUITABLE FOR	ORDER NO.	PAGE
RolloTec memory button for sensors	1757 ..	121
RolloTec button comfort for sensors	1771 ..	119
RolloTec radio button for sensors	1759 ..	703
RolloTec comfort time switch for sensors	1775 ..	122

i 914

DESIGN		ORDER NO.	PU
polar white	#	**170**	1



RolloTec adapter for sensors

Line length	5 m

Only suitable for covers with sensor connection.

- pre-assembled, with cable, plug and 2 sockets
- for the connection of RolloTec brightness and glass-break sensor to an cover
- for brightness sensor and glass breakage sensor

SUITABLE FOR	ORDER NO.	PAGE
Timer comfort for sensors	1738 ..	36
RolloTec radio button for sensors	1759 ..	703
RolloTec comfort time switch for sensors	1775 ..	122
RolloTec memory button for sensors	1757 ..	121
RolloTec button comfort for sensors	1771 ..	119

i 915

DESIGN		ORDER NO.	PU
polar white	#	**171**	1



RolloTec wind sensor

Measuring range, wind strengths	3 ... 10 Bft
Measuring range, wind speed	0.5 ... 40 m/s
Pre-assembled cable	≈ 3 m

- reed contact (frequency measurement)
- confectioned with wire LIYY 2 x 0.5 mm² and conductor sleeves
- with fitting material

SUITABLE FOR	ORDER NO.	PAGE
RolloTec interface surface-mounted for wind sensor	173	126
Mast adapter for surface-mounted sensors	7590 00 46	833

i 915

DESIGN		ORDER NO.	PU
white	#	**172 01**	1



RolloTec interface surface-mounted for wind sensor

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current	2 A
Wind strengths, settable	3 ... 10 Bft
Dimensions (W x H x D)	110 x 94 x 38 mm

- 2 NO contacts, common input terminal
- with test mode
- with potential-free contact
- with fitting material
- with screw terminals

IP55

Also suitable for company Thies heated wind speed sensor art. no. 4.3515.50.000.

Neutral conductor necessary!

When the wind speed is reached, the contact is closed. To protect against excessive wind, e. g. for shutters, sun blinds, etc.

SUITABLE FOR	ORDER NO.	PAGE
RolloTec wind sensor	172 01	126
RolloTec insert comfort	2975	118

i 915

DESIGN		ORDER NO.	PU
polar white	#	**173**	1

SUPPLEMENTARY PRODUCTS



Magnetic contact

Switching voltage	max. 40 V=
Switching current	500 mA
Breaking capacity	max. 10 W
Line length	3 m
Dimensions sensor (L x W x H)	44 x 15 x 15 mm

- in the isolated state the contact is open
- pre-assembled, with cable
- built-on/built-in

IP67

RolloTec function:
When window is open, roller shutter moves to the lower end position for example.

Suitable for RolloTec covers with sensor connection.

To monitor window and door opening.

SUITABLE FOR	ORDER NO.	PAGE
RolloTec button comfort for sensors		page 119
RolloTec memory button for sensors		page 120
RolloTec comfort time switch for sensors		page 122
KNX alarm central unit	7573 00 10	860

i 915

DESIGN		ORDER NO.	PU
polar white glossy	#	**9251 02**	1
brown glossy	#	**9251 01**	1

Cutoff relays

- Neutral conductor necessary!



RolloTec cutoff relay surface-mounted/flush-mounted

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current at cos φ = 0.6	max. 3 A
Switching current at cos φ = 1	max. 8 A
Current consumption (operation)	≈ 10 mA
Activation change-over time up/down	min. 0.5 s
Switch-on time (ED)	100 %
Ambient temperature	+0 ... +60 °C
Dimensions (W x H x D)	50 x 52 x 22 mm

- to operate 2 shutter/blind control motors
- installation in flush-mounted or splash-protected junction box
- with master input e.g. for RolloTec timer
- with separate mains power supply
- with screw terminals

i 911

DESIGN		ORDER NO.	PU
RolloTec cutoff relay surface-mounted/flush-mounted	#	**2930**	1



RolloTec cutoff relay surface-mounted/flush-mounted

- Extension outputs

Operating voltage	230 V~
Frequency	50 Hz
Switching current at cos φ = 0.6	max. 4 A
Current consumption (operation)	≈ 10 mA
Activation change-over time up/down	min. 0.5 s
Switch-on time (ED)	100 %
Ambient temperature	+0 ... +60 °C
Conductor cross-section (rigid)	max. 2.5 mm²
Dimensions (W x H x D)	53 x 50 x 25 mm

- to operate 2 shutter/blind control motors
- with master input e.g. for RolloTec timer
- required for electric motor decoupling
- with separate mains power supply
- with 2 extension unit outgoing feeders for single operation
- with screw terminals

i 911

DESIGN		ORDER NO.	PU
grey	#	**2969**	1



RolloTec cutoff relay RMD

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current at cos φ = 0.6	max. 3 A
Switching current at cos φ = 1	max. 8 A
Current consumption (operation)	≈ 10 mA
Activation change-over time up/down	min. 0.5 s
Switch-on time (ED)	100 %
Assembling height as from DIN rail	38 mm
Width of rail mounted device (RMD)	2.5 TE
Dimensions (W x H x D)	45 x 71 x 42 mm

- to operate 2 shutter/blind control motors
- with master input e.g. for RolloTec timer
- with separate mains power supply
- with screw terminals

i 911

DESIGN		ORDER NO.	PU
RolloTec cutoff relay RMD	#	**2931**	1



RolloTec cutoff relay RMD

- Extension outputs



Operating voltage	230 V~
Frequency	50 Hz
Switching current at cos φ = 0.6	max. 4 A
Current consumption (operation)	≈ 10 mA
Activation change-over time up/down	min. 0.5 s
Switch-on time (ED)	100 %
Conductor cross-section (rigid)	max. 2.5 mm²
Assembling height as from DIN rail	39 mm
Width of rail mounted device (RMD)	2.5 TE
Dimensions (W x H x D)	45 x 71 x 42 mm

- to operate 2 shutter/blind control motors
- with master input e.g. for RolloTec timer
- required for electric motor decoupling
- with separate mains power supply
- with 2 extension unit outgoing feeders for single operation
- with screw terminals

i 911



DESIGN		ORDER NO.	PU
RolloTec cutoff relay RMD	#	**2919**	1



B.
Berker

THERMOSTAT	132-138
SENSORS	138-139
VALVE DRIVES	139-140
HEATING EMERGENCY SWITCHES	140-141
3-STEP SWITCHES	142-143
SPEED CONTROLLERS	143-144
BLC - BERKER LIGHT CONTROL	144-145
SUPPLEMENTARY PRODUCTS	145

People need warmth – but when? Where exactly? And how much? Our room thermostats give each of your rooms the right temperature and turn it down automatically when the room is unused.

- These days, heating, cooling and air-conditioning are inseparable from the concept of saving energy. This means that it is even more important to be able to control room temperatures individually.
- Reduction of the room temperature by 1 °C produces energy savings of approx 6 %. That's a good reason to control the temperature of less-used rooms like bathrooms or bedrooms according to need.
- Our conventional thermostats allow you to control all the standard heating types (hot water, electrical etc.).
- In addition, the electronic devices work controlled by time, meaning that rooms can be run using specific temperature profiles – as individually as is required.
- Valve drives for heating valve bases mean that radiators and underfloor heating can be included in the control system quickly and perfectly.

THERMOSTATS

Thermostat inserts



Thermostat, NO contact, with centre plate

- Time-controlled

Rated voltage	230 V~
Frequency	50 Hz
Switching current	10 mA ... 10 (4) A
Switching current at cos φ = 0.6	max. 4 A
Power consumption	≈ 1.2 W
Lithium cell power reserve [years]	≈ 10
Insertion depth	25 mm
Floor temperature setting range	10 ... 40 °C
Room temperature setting range	5 ... 30 °C
Switching temperature difference	≈ 0.5 K

Neutral conductor necessary!

- with imprint
- operating hours counter or energy consumption display adjustable
- with access protection
- with valve protection function
- with frost protection function
- timer for changing the temperature by the hour
- operating languages are adjustable: German, English, Dutch or French
- temperature control range adjustable
- type of actuator (currentless closed/open) adjustable
- for underfloor heating control using room and/or floor temperature possible
- for heating or cooling mode
- for room and floor heaters
- with self-teaching heating curve
- large, backlight display with text display
- with integrated temperature sensor
- with switchover manual/automatic mode
- PWM cycle time and hysteresis (for two-point control) settable
- control process PWM or 2-point (on/off) can be selected
- 3 blocks of days: Mon-Fri, Sat-Sun, Mon-Sun
- 3 preset time programmes, individually adjustable
- max. 9 switching times per weekday
- programmable with operating unit removed
- with automatic summer-/winter time switching (can be switched off)
- holiday programme with date activation
- without spreader claws
- with additional connection for external floor temperature sensor/remote sensor
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Valve drive 230 V	7590 00 76	139
optional		
Temperature sensor	161	145

i 910









DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**2044 89 82**	1
polar white glossy	**2044 89 89**	1
polar white matt	**2044 19 09**	1
anthracite matt	**2044 16 06**	1
aluminium matt, lacquered	**2044 14 04**	1
Berker Q.1/Q.3		
polar white velvety	**2044 60 89**	1
anthracite velvety, lacquered	**2044 60 86**	1
Berker K.1/K.5		
polar white glossy	**2044 71 09**	1
anthracite matt	**2044 71 06**	1
aluminium matt, lacquered	**2044 71 03**	1
stainless steel, lacquered	**2044 71 04**	1
Berker Arsys		
white glossy	**2044 00 02**	1
polar white glossy	**2044 00 69**	1
brown glossy	**2044 00 01**	1
light bronze, lacquered	**2044 90 11**	1
stainless steel matt, lacquered	**2044 90 04**	1



Thermostat, NO contact, with centre plate

- Time-controlled

Rated voltage	230 V~
Frequency	50 Hz
Switching current	8 A
Hysteresis, settable	0.1 ... 1 K
Room temperature setting range	5 ... 30 °C

Neutral conductor necessary!

- with imprint
- with keylock
- with frost protection function
- operating languages adjustable: German, English, Dutch, Italian or French
- 4 temperature modes selectable
- temperature value can be calibrated
- temperature control range adjustable
- for heating or cooling mode
- large, backlight display with text display
- with integrated temperature sensor
- with switchover manual/automatic mode
- hysteresis, settable
- 3 preset time programmes, individually adjustable
- simple programming of switching times through integrated copy function
- programme memory network failure proved
- without spreader claws
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Valve drive 230 V	7590 00 76	139

DESIGN	ORDER NO.	PU
Berker R.1/R.3		
polar white glossy	**2045 20 89**	1
black glossy	**2045 20 45**	1



Thermostat, NO contact, with centre plate, for underfloor heating

- Rocker switch
- External temperature sensor

Rated voltage	250 V~
Frequency	50/60 Hz
Switching current	10 A
Sensor cable length	4 m
Floor temperature setting range	10 ... 50 °C
Room temperature setting range	5 ... 30 °C
Switching temperature difference	≈ 1 K
Night lowering	≈ 5 K

If the preset temperature is reached, the contact closes.
Neutral conductor necessary!

- with imprint
- with on/off switch and 2 LEDs
- e.g. for valve drives closed in de-energised state
- setting knob with temperature range limitation
- with LED for heating and LED for night lowering
- without spreader claws
- with separate connection for night lowering
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for thermostat for underfloor heating	1672 ..	137
Valve drive 230 V	7590 00 76	139
replacement		
Temperature sensor	161	145

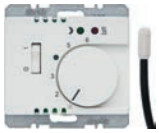
i 909

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**2034 89 82**	1
polar white glossy	**2034 89 89**	1
polar white matt	**2034 19 09**	1
anthracite matt	**2034 16 06**	1
aluminium matt, lacquered	**2034 14 04**	1
Berker Q.1/Q.3		
polar white velvety	**2034 60 89**	1
anthracite velvety, lacquered	**2034 60 86**	1
Berker K.1/K.5		
polar white glossy	**2034 71 09**	1
anthracite matt, lacquered	**2034 71 06**	1
aluminium matt, lacquered	**2034 71 03**	1
stainless steel matt, lacquered	**2034 71 04**	1







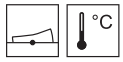


DESIGN	ORDER NO.	PU
Berker Arsys		
white glossy	**2034 00 02**	1
polar white glossy	**2034 00 69**	1
brown glossy	**2034 00 01**	1
light bronze matt, lacquered	**2034 90 11**	1
stainless steel matt, lacquered	**2034 90 04**	1



Thermostat, NO contact, with centre plate, for underfloor heating

- **Rocker switch**
- **External temperature sensor**



Rated voltage	230 V~
Frequency	50 Hz
Switching current	16 (2) A
Sensor cable length	4 m
Floor temperature setting range	10 ... 50 °C
Room temperature setting range	5 ... 30 °C
Switching temperature difference	≈ 1 K
Night lowering	≈ 5 K

If the preset temperature is reached, the contact closes.
Neutral conductor necessary!

- with imprint
- with on/off switch and 2 LEDs
- e.g. for valve drives closed in de-energised state
- setting knob with temperature range limitation
- with LED for heating and LED for night lowering
- without spreader claws
- with separate connection for night lowering
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Valve drive 230 V	7590 00 76	139
replacement		
Temperature sensor	161	145

DESIGN	ORDER NO.	PU
Berker R.1/R.3		
polar white glossy	**2034 20 89**	1
black glossy	**2034 20 45**	1



Temperature controller, change-over contact, with centre plate

Rated voltage	250 V~
Frequency	50/60 Hz
“Heating” switching current	10 A
Switching current “Heating” at cos φ = 0.6	4 A
Switching current “Cooling”	5 A
Switching current “Cooling” at cos φ = 0.6	2 A
Switching temperature difference	≈ 0.5 K
Temperature	5 ... 30 °C

If the preset temperature is reached the contact changes.
Neutral conductor necessary!

- with imprint
- e.g. for valve drives closed in de-energised state
- for heating or cooling mode
- setting knob with temperature range limitation
- with thermal return
- without spreader claws
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for thermostat	1670 ..	137
Valve drive 230 V	7590 00 76	139

i 909

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**2026 89 82**	1
polar white glossy	**2026 89 89**	1
polar white matt	**2026 19 09**	1
anthracite matt	**2026 16 06**	1
aluminium matt, lacquered	**2026 14 04**	1
Berker Q.1/Q.3		
polar white velvety	**2026 60 89**	1
anthracite velvety, lacquered	**2026 60 86**	1







Berker K.1/K.5		
polar white glossy	**2026 71 09**	1
anthracite matt, lacquered	**2026 71 06**	1
aluminium matt, lacquered	**2026 71 03**	1
stainless steel matt, lacquered	**2026 71 04**	1



DESIGN	ORDER NO.	PU
Berker Arsys		
white glossy	**2026 00 02**	1
polar white glossy	**2026 00 69**	1
brown glossy	**2026 00 01**	1
light bronze matt, lacquered	**2026 90 11**	1
stainless steel matt, lacquered	**2026 90 04**	1



Temperature controller, change-over contact, with centre plate

Rated voltage	250 V~
Frequency	50/60 Hz
“Heating” switching current	10 A
Switching current “Heating” at cos φ = 0.6	4 A
Switching current “Cooling”	5 A
Switching current “Cooling” at cos φ = 0.6	2 A
Switching temperature difference	≈ 0.5 K
Temperature	5 ... 30 °C

If the preset temperature is reached the contact changes.
Neutral conductor necessary!

- with imprint
- e.g. for valve drives closed in de-energised state
- for heating or cooling mode
- setting knob with temperature range limitation
- with thermal return
- without spreader claws
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Valve drive 230 V	7590 00 76	139



DESIGN	ORDER NO.	PU
Berker R.1/R.3		
polar white glossy	**2026 20 89**	1
black glossy	**2026 20 45**	1



Temperature controller, NC contact, with centre plate

- Rocker switch



Rated voltage	250 V~
Frequency	50/60 Hz
Switching current	10 A
Switching temperature difference	≈ 0.5 K
Night lowering	≈ 4 K
Temperature	5 ... 30 °C

If the preset temperature is reached, the contact opens.
Neutral conductor necessary!

- with imprint
- with on/off switch and indicator LED for “on”
- e.g. for valve drives closed in de-energised state
- setting knob with temperature range limitation
- with thermal return
- without spreader claws
- with separate connection for night lowering
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for thermostat	1671 ..	138
Valve drive 230 V	7590 00 76	139

i 909







DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**2030 89 82**	1
polar white glossy	**2030 89 89**	1
polar white matt	**2030 19 09**	1
anthracite matt	**2030 16 06**	1
aluminium matt, lacquered	**2030 14 04**	1
Berker Q.1/Q.3		
polar white velvety	**2030 60 89**	1
anthracite velvety, lacquered	**2030 60 86**	1
Berker K.1/K.5		
polar white glossy	**2030 71 09**	1
anthracite matt, lacquered	**2030 71 06**	1
aluminium matt, lacquered	**2030 71 03**	1
stainless steel matt, lacquered	**2030 71 04**	1



DESIGN	ORDER NO.	PU
Berker Arsys		
white glossy	**2030 00 02**	1
polar white glossy	**2030 00 69**	1
brown glossy	**2030 00 01**	1
light bronze matt, lacquered	**2030 90 11**	1
stainless steel matt, lacquered	**2030 90 04**	1



Temperature controller, NC contact, with centre plate

- Rocker switch



Rated voltage	250 V~
Frequency	50 Hz
Switching current	10 A
Switching temperature difference	≈ 0.5 K
Night lowering	≈ 4 K
Temperature	5 ... 30 °C

If the preset temperature is reached, the contact opens.
Neutral conductor necessary!

- with imprint
- with on/off switch and indicator LED for “on”
- e.g. for valve drives closed in de-energised state
- setting knob with temperature range limitation
- with thermal return
- without spreader claws
- with separate connection for night lowering
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Valve drive 230 V	7590 00 76	139



DESIGN	ORDER NO.	PU
Berker R.1/R.3		
polar white glossy	**2030 20 89**	1
black glossy	**2030 20 45**	1



Temperature controller, NC contact, with centre plate, 24 V AC/DC

- Rocker switch



Rated voltage	24 V~/24 V=
Frequency	50/60 Hz
Switching current	10 A~/4 A=
Switching temperature difference	≈ 0.5 K
Night lowering	≈ 4 K
Temperature	5 ... 30 °C

If the preset temperature is reached, the contact opens.

- with imprint
- with on/off switch and indicator LED for “on”
- e.g. for valve drives closed in de-energised state
- setting knob with temperature range limitation
- with thermal return
- without spreader claws
- with separate connection for night lowering
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for thermostat	1671 ..	138
Valve drive 24 V AC/DC	7590 00 77	139

i 909



DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**2031 89 82**	1
polar white glossy	**2031 89 89**	1
polar white matt	**2031 19 09**	1
anthracite matt	**2031 16 06**	1
aluminium matt, lacquered	**2031 14 04**	1



Berker Q.1/Q.3		
polar white velvety	**2031 60 89**	1
anthracite velvety, lacquered	**2031 60 86**	1



Berker K.1/K.5		
polar white glossy	**2031 71 09**	1
anthracite matt, lacquered	**2031 71 06**	1
aluminium matt, lacquered	**2031 71 03**	1
stainless steel matt, lacquered	**2031 71 04**	1



DESIGN	ORDER NO.	PU
Berker Arsys		
white glossy	**2031 00 02**	1
polar white glossy	**2031 00 69**	1
brown glossy	**2031 00 01**	1
light bronze matt, lacquered	**2031 90 11**	1
stainless steel matt, lacquered	**2031 90 04**	1

Thermostat covers



Centre plate for thermostat for underfloor heating

- **Rocker**
- **Setting knob**

- with imprint
- setting knob with temperature range limitation

SUITABLE FOR	ORDER NO.	PAGE
Thermostat, NO contact, with centre plate, for underfloor heating		page 133

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1672 89 82**	1
polar white glossy	**1672 89 89**	1
polar white matt	**1672 19 09**	1
anthracite matt	**1672 16 06**	1
aluminium matt, lacquered	**1672 14 04**	1
Berker Q.1/Q.3		
polar white velvety	**1672 60 89**	1
anthracite velvety, lacquered	**1672 60 86**	1





Berker K.1/K.5		
polar white glossy	**1672 71 09**	1
anthracite matt, lacquered	**1672 71 06**	1
aluminium matt, lacquered	**1672 71 03**	1
stainless steel matt, lacquered	**1672 71 04**	1
Berker Arsys		
white glossy	**1672 00 02**	1
polar white glossy	**1672 00 69**	1
brown glossy	**1672 00 01**	1
light bronze matt, lacquered	**1672 90 11**	1
stainless steel matt, lacquered	**1672 90 04**	1



Centre plate for thermostat

- **Setting knob**

- with imprint
- setting knob with temperature range limitation

SUITABLE FOR	ORDER NO.	PAGE
Temperature controller, change-over contact, with centre plate		page 134

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1670 89 82**	1
polar white glossy	**1670 89 89**	1
polar white matt	**1670 19 09**	1
anthracite matt	**1670 16 06**	1
aluminium matt, lacquered	**1670 14 04**	1
Berker Q.1/Q.3		
polar white velvety	**1670 60 89**	1
anthracite velvety, lacquered	**1670 60 86**	1





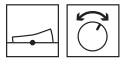


DESIGN	ORDER NO.	PU
Berker K.1/K.5		
polar white glossy	**1670 71 09**	1
anthracite matt, lacquered	**1670 71 06**	1
aluminium matt, lacquered	**1670 71 03**	1
stainless steel matt, lacquered	**1670 71 04**	1
Berker Arsys		
white glossy	**1670 00 02**	1
polar white glossy	**1670 00 69**	1
brown glossy	**1670 00 01**	1
light bronze matt, lacquered	**1670 90 11**	1
stainless steel matt, lacquered	**1670 90 04**	1



Centre plate for thermostat

- **Rocker**
- **Setting knob**



- with imprint
- setting knob with temperature range limitation

SUITABLE FOR	ORDER NO.	PAGE
Temperature controller, NC contact, with centre plate		page 135
Temperature controller, NC contact, with centre plate, 24 V AC/DC		page 136



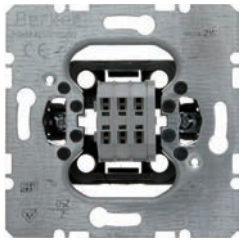




DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1671 89 82**	1
polar white glossy	**1671 89 89**	1
polar white matt	**1671 19 09**	1
anthracite matt	**1671 16 06**	1
aluminium matt, lacquered [1]	**1671 14 04**	1
Berker Q.1/Q.3		
polar white velvety	**1671 60 89**	1
anthracite velvety, lacquered	**1671 60 86**	1
Berker K.1/K.5		
polar white glossy	**1671 71 09**	1
anthracite matt, lacquered	**1671 71 06**	1
aluminium matt, lacquered	**1671 71 03**	1
stainless steel matt, lacquered	**1671 71 04**	1
Berker Arsys		
white glossy	**1671 00 02**	1
polar white glossy	**1671 00 69**	1
brown glossy	**1671 00 01**	1
light bronze matt, lacquered	**1671 90 11**	1
stainless steel matt, lacquered	**1671 90 04**	1

[1] with cover plug for screw fitting

SENSORS



Sensor insert

- e.g. for temperature sensor PT100
- without spreader claws
- with plug-in terminals

DESIGN	ORDER NO.	PU
Sensor insert	**7594 10 01**	10



Central plate for sensor insert

Caution!
Use only with intermediate ring for central plate from the corresponding range.
Labelling field cannot be used.

- with slots for air circulation
- e.g. for temperature sensor PT100

SUITABLE FOR	ORDER NO.	PAGE
Intermediate ring for central plate		page 169

DESIGN	ORDER NO.	PU
white glossy	**7594 04 02**	1
polar white glossy	**7594 04 09**	1
polar white matt/velvety	**7594 04 89**	1
anthracite matt	**7594 04 85**	1
aluminium matt, lacquered	**7594 04 83**	1
stainless steel matt, lacquered	**7594 04 03**	1
light bronze matt, lacquered	**7594 04 04**	1

VALVE DRIVES



Valve drive 230 V

Operating voltage	230 V~
Frequency	0 … 60 Hz
Power consumption	1.8 W
Stroke	4 mm
Running time	45 s /mm
Pre-assembled cables	≈ 1 m
Dimensions (W x H x D)	44 x 60 x 61 mm
Medium temperature	max. 0 ... 100 °C
Operating temperature	+0 ... +60 °C

IP54

Neutral conductor necessary!

Order valve adapter separately.

- thermoelectric mode of operation
- with overheating protection
- closed in de-energized state
- with state indication (opened or closed)
- with anti-dismantling protection
- for plug-in cover
- pluggable connection cable

SUITABLE FOR	ORDER NO.	PAGE
Thermostat, NO contact, with centre plate	2044 ..	132
Thermostat, NO contact, with centre plate	2045 ..	133
Thermostat, NO contact, with centre plate, for underfloor heating	2034 ..	133
Temperature controller, change-over contact, with centre plate	2026 ..	135
Temperature controller, NC contact, with centre plate	2030 ..	136
Heating actuator 6gang RMD 230 V	7531 60 03	846
Heating actuator 230 V flush-mounted	7534 10 05	851
Blind and heating actuator 1 + 1gang flush-mounted	7534 10 06	851
Valve adapter for valve drive	7590 ..	140

DESIGN	ORDER NO.	PU
polar white	**7590 00 76**	1



Valve drive 24 V AC/DC

Operating voltage	24 V~/=
Frequency	50/60 Hz
Power consumption	1.8 W
Stroke	4 mm
Running time	45 s /mm
Line length	max. 200 m
Pre-assembled cables	≈ 1 m
Dimensions (W x H x D)	44 x 60 x 61 mm
Medium temperature	max. 0 ... 100 °C
Operating temperature	+0 ... +60 °C

IP54

Order valve adapter separately.

- thermoelectric mode of operation
- with overheating protection
- closed in de-energized state
- with state indication (opened or closed)
- with anti-dismantling protection
- for plug-in cover
- pluggable connection cable

SUITABLE FOR	ORDER NO.	PAGE
Temperature controller, NC contact, with centre plate, 24 V AC/DC	2031 ..	137
Valve adapter for valve drive	7590 ..	140

DESIGN	ORDER NO.	PU
polar white	**7590 00 77**	1



Valve adapter for valve drive

Cap nut (M x L) M30 x 1.5 mm

More valve adapters upon request.

- for valve drive 230 V or actuator drive 24 V

SUITABLE FOR	ORDER NO.	PAGE
Valve drive 230 V	7590 00 76	139
Valve drive 24 V AC/DC	7590 00 77	139

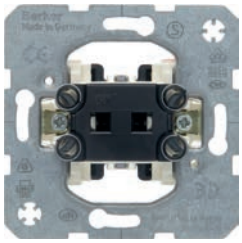
DESIGN	ORDER NO.	PU
grey, VA10, Dumser/Simplex/Beulco (from 2005)	**7590 00 72**	1
dark grey, VA50, Cazzaniga/Honeywell & Braukmann/ Landis & Gyr/Frese/Reich (distributor)/KaMo	**7590 00 73**	1
light grey, VA80, Comap/Empur/Heimeier/Herb/IVAR/ MNG/Onda/Oventrop/Schlösser/Strawa/TA/Thermot	**7590 00 75**	1
polar white, VA78, flane for Danfoss valves, type: RA	**7590 00 74**	1

HEATING EMERGENCY SWITCHES

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.

1-pole inserts

- Connection terminals according to IEC 60669-1



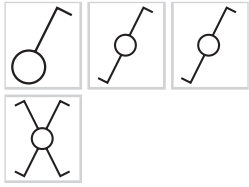
Change-over/intermediate switch

Rated voltage 250 V~
Switching current 10 AX

- for illumination and monitoring circuit
- with plug-in terminals

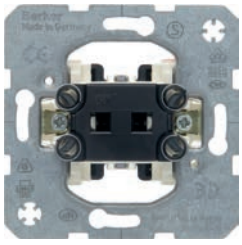
SUITABLE FOR	ORDER NO.	PAGE
optional		
LED unit 230 V, for switches/push-buttons	1686 ..	20
Neon lamp unit with N terminal	1675 ..	66
LED unit for switches/push-buttons	1687	67
Incandescent lamp unit with N terminal	1676 ..	66

i 878



DESIGN	ORDER NO.	PU
On/off switch	**3031**	10
Change-over switch	**3036**	10
Change-over switch for installation in hollow walls [1]	**3036 50**	10
Intermediate switch	**3037**	10

[1] low installation depth, without spreader claws



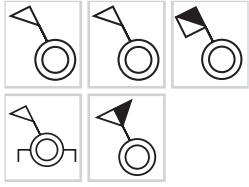
Push-button

Rated voltage 250 V~
Momentary-contact current 10 A
Contact spacing 3 mm
Contact spacing > 3 mm
Conductor cross-section (rigid) max. 2.5 mm²

- for illumination and monitoring circuit
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Neon lamp unit with N terminal	1675 ..	66
Incandescent lamp unit with N terminal	1676 ..	66
LED unit 230 V, for switches/push-buttons	1686 ..	20
LED unit for switches/push-buttons	1687 ..	67

i 880



DESIGN	ORDER NO.	PU
Push-button, NO contact	**5031**	10
Push-button, NO contact for installation in hollow walls [1]	**5031 50**	10
Push-button, change-over	**5036**	10
Push-button, NO contact, 2 separate signal contacts	**5031 01**	10
Push-button, NC contact + NO contact, isolated input terminals	**5032 03**	10

[1] low installation depth, without spreader claws

Covers for 1-pole inserts



Rocker with imprint “Heizung Notschalter”

- Red lens

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Or use glass pane-protected heating emergency switch from programme ranges Ansys, splash-protected flush-mounted IP44, Aquatec IP44.

Not suitable for heating systems > 50 kW.

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
red glossy	**1621 89 02**	10
red matt	**1621 19 02**	10
Berker Q.1/Q.3		
polar white velvety [1]	**1621 60 69**	10
Berker K.1/K.5		
red glossy	**1488 71 15**	10
Berker Arsys		
red glossy	**1488 00 62**	10
Berker R.1/R.3		
polar white glossy [2]	**1621 20 49**	10

[1] with orange lens
[2] with clear lens



Centre plate with glass plate

- Rocker

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

In case of danger break glass and press rocker!

The cover can be replaced with the standard rocker on all rocker switches and rocker push-buttons in this range.

Housing screws made of stainless steel.

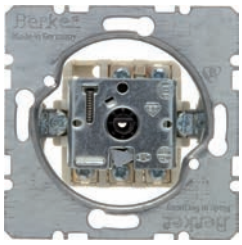
Adhesive label sheets, text white: “Notschalter”, “Rauch-abzug”, “Feuerschutztür schließen”, “Feuerabschluss schließen”, “Heizung”, “Lichtkuppel”, “Hausalarm” and “Öffnen”.

Not suitable for heating systems > 50 kW.

DESIGN	ORDER NO.	PU
Berker Arsys		
red glossy	**1297 00 00**	10

3-STEP SWITCHES

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



3-step switch

Rated voltage 250 V~
Switching current 16 A

■ with screw terminals

For air conditioners and fans, for example.

i 881



DESIGN	ORDER NO.	PU
with 0-position: 0-1-2-3	**3861**	10
without 0-position: 2-1-3	**3861 01**	10



Centre plate with rotary knob for 3-step switch

■ with imprint

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7, without 0-position		
white glossy	**1084 89 82**	1
polar white glossy	**1084 89 89**	1
polar white matt	**1084 19 09**	1
anthracite matt	**1084 16 06**	1
aluminium matt, lacquered	**1084 14 04**	1
Berker S.1/B.3/B.7, with 0-position		
white glossy	**1096 89 82**	1
polar white glossy	**1096 89 89**	1
polar white matt	**1096 19 09**	1
anthracite matt	**1096 16 06**	1
aluminium matt, lacquered	**1096 14 04**	1



Berker Q.1/Q.3, without 0-position		
polar white velvety	**1084 60 89**	1
anthracite velvety, lacquered	**1084 60 86**	1
Berker Q.1/Q.3, with 0-position		
polar white velvety	**1096 60 89**	1
anthracite velvety, lacquered	**1096 60 86**	1



Berker K.1/K.5, without 0-position		
polar white glossy	**1088 71 09**	1
anthracite matt, lacquered	**1088 71 06**	1
Aluminium, aluminium anodised	**1088 71 03**	1
Stainless steel, metal matt finish	**1088 71 04**	1
Berker K.1/K.5, with 0-position		
polar white glossy	**1087 71 09**	1
anthracite matt, lacquered	**1087 71 06**	1
Aluminium, aluminium anodised	**1087 71 03**	1
Stainless steel, metal matt finish	**1087 71 04**	1



Berker Arsys, without 0-position		
white glossy	**1088 00 02**	1
polar white glossy	**1088 00 69**	1
brown glossy	**1088 00 01**	1
light bronze matt, aluminium lacquered	**1088 01 01**	1
Stainless steel, metal matt finish	**1088 01 04**	1
gold/polar white, matt/glossy, aluminium anodised	**1088 01 02**	1



DESIGN	ORDER NO.	PU
Berker Arsys, with 0-position		
white glossy	**1087 00 02**	1
polar white glossy	**1087 00 69**	1
brown glossy	**1087 00 01**	1
light bronze matt, aluminium lacquered	**1087 01 01**	1
Stainless steel, metal matt finish	**1087 01 04**	1
gold/polar white, matt/glossy, aluminium anodised	**1087 01 02**	1
Berker R.1/R.3, without 0-position		
polar white glossy	**1084 20 89**	1
black glossy	**1084 20 45**	1
Berker R.1/R.3, with 0-position		
polar white glossy	**1096 20 89**	1
black glossy	**1096 20 45**	1

SPEED CONTROLLERS

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



Speed controllers

Operating voltage	230/240 V~
Frequency	50/60 Hz
Motor nominal and slat current	max. 0.1 ... 2.7 A
Fine-wire fuse	T 3.15 H 250 V
Loss power at full load	≈ 5 W
Axis dimension Ø	4 mm

Possible to change fuse without removing cover.

- phase cut-on
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- basic speed adjustable
- for devices with motory drive
- with rotary on/off switch
- additional switching contact for blade control
- with plug-in terminals

i 885

DESIGN	ORDER NO.	PU
Speed controllers	**2968 01**	1



Centre plate for speed controller

- Setting knob

- with imprinted symbol curve

SUITABLE FOR	ORDER NO.	PAGE
Speed controllers	2968 01 ..	143

Axis dimension Ø 4 mm

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1137 89 22**	10
polar white glossy	**1137 89 29**	10
polar white matt	**1137 19 29**	10
anthracite matt	**1137 16 26**	10
aluminium matt, lacquered	**1137 14 24**	10
Berker Q.1/Q.3		
polar white velvety	**1137 60 79**	10
anthracite velvety, lacquered	**1137 60 76**	10





Berker K.1/K.5		
polar white glossy	**1135 72 09**	10
anthracite matt, lacquered	**1135 72 06**	10
Aluminium, aluminium anodised	**1135 72 03**	10
Stainless steel, metal matt finish	**1135 72 04**	10



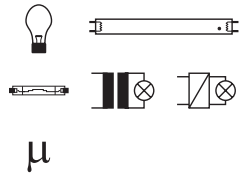
DESIGN	ORDER NO.	PU
Berker Arsys		
white glossy	**1135 00 22**	10
polar white glossy	**1135 00 89**	10
brown glossy	**1135 00 21**	10
light bronze matt, aluminium lacquered	**1134 00 21**	10
Stainless steel, metal matt finish	**1134 00 24**	10
gold matt, aluminium anodised	**1134 00 22**	10
Berker R.1/R.3		
polar white glossy	**1137 20 79**	10
black glossy	**1137 20 35**	10



BLC - BERKER LIGHT CONTROL

BLC switches





BLC relay insert HVAC

Operating voltage	230 V~
Frequency	50/60 Hz
Motor switching current (HLK channel)	2.1 A
230 V incandescent lamps and halogen lamps	1000 W
230 V incandescent lamps (HVAC-channel)	800 W
230 V halogen lamps (HVAC-channel)	750 W
Fluorescent lamps:	
- uncompensated	500 VA
- in Duo circuit	1000 VA
Conventional transformers	750 VA
Electronic transformers	750 W
HVAC-channel adjustable	≈ 2/10/30/60/120 min
Switch on delay HVAC-channel	0/3 min
Operating temperature	+5 ... +35 °C

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Light scene function (On/Off) in conjunction with BLC radio button.

Neutral conductor necessary!

- when cover is detached, the switch status is retained (wallpaper function)
- switch on delay for HVAC channel can be activated/deactivated permanently with BLC button
- also usable as push-button relay switch
- potential-free HVAC contact suitable for function extra-low voltage FELV (only alternating voltage)
- insert suitable for BLC buttons
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- with delay time HVAC relay contact for e.g. valve drive, thermostat, fan ...
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Making current limiter	185	71

i 889



DESIGN	ORDER NO.	PU
BLC relay insert HVAC	# **2912**	1

BLC push-buttons



BLC push-button

- with 2-push-buttons operation concept
- switch-on brightness for BLC dimmer insert mains-failure protection storable

i 889



DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	# **1761 89 82**	1
polar white glossy	# **1761 89 89**	1
anthracite matt	# **1761 16 06**	1
polar white matt	# **1761 19 09**	1
aluminium matt, lacquered	# **1761 14 04**	1

Berker Q.1/Q.3		
polar white velvety	# **1761 60 89**	1
anthracite velvety, lacquered	# **1761 60 86**	1



Berker K.1/K.5		
polar white glossy	# **1761 70 09**	1
anthracite matt, lacquered	# **1761 70 06**	1
Aluminium, aluminium anodised	# **1761 70 03**	1
Stainless steel, metal matt finish	# **1761 70 04**	1



Berker Arsys		
white glossy	**1761 00 02**	1
polar white glossy	**1761 00 69**	1
brown glossy	**1761 00 01**	1
light bronze matt, aluminium lacquered	**1761 00 11**	1
Stainless steel, metal matt finish	# **1761 00 04**	1
gold matt, aluminium anodised	# **1761 00 12**	1

SUPPLEMENTARY PRODUCTS



Temperature sensor

Characteristic resistance value at 25 °C 33 kΩ
Sensor cable length 4 m

- as replacement or function extension of products with suitable connection, such as thermostat, glass sensors or KNX thermostat

SUITABLE FOR	ORDER NO.	PAGE
Thermostat, NO contact, with centre plate	2044 ..	132
Thermostat, NO contact, with centre plate, for underfloor heating	2034 ..	134

i 909

DESIGN	ORDER NO.	PU
Temperature sensor	**161**	1



Berker

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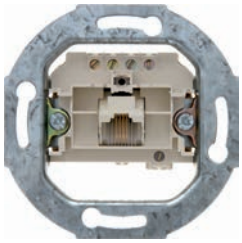
ANTENNA TECHNOLOGY	162-166
SUPPLEMENTARY PRODUCTS	167-171
USB CHARGING SOCKET OUTLETS	172-173
MULTIMEDIA	173-181
CONSUMER ELECTRONICS	182-185

Whatever new options communication and entertainment technologies open up - Berker means they can also be integrated perfectly. Our multimedia socket outlets, for example, offer ideal connections for laptops, beamers, PC monitors, mobile terminals and HiFi systems, as well as for all the newest entertainment electronics devices. Our flush-mounted radio offers perfect reception in any room. And our USB charging socket outlet helps to charge up the batteries of mobile phones and smartphones, digital cameras and games consoles and give them new energy. All of these functions are easy to install, are available for all Berker switch ranges and are thus the most direct method of bringing the future into your home.

- Multimedia socket outlets for modern entertainment electronics
- Best reception with the flush-mounted radio
- Charging smartphones, cameras and consoles using the USB charging socket outlet
- Available for all Berker stand and comfort ranges
- The communication and multimedia connection technology means that the jungle of cables is a thing of the past – both at home and at work

DATA COMMUNICATION

UAE socket outlets 1gang



FCC socket outlet 8(4)pole, cat.3

Rated voltage	125 V=
Rated current	1 A
Transmission bandwidth	max. 16 MHz
Transition resistance	< 20 mΩ
Conductor Ø	max. 1 mm
Insertion depth	22 mm

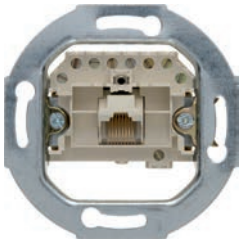
- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
- with 45° oblique outlet
- with screw terminals

i 949

Cat.3 to according to TIA/IAE-568-B.2
Design to according to DIN EN 60603-7

UAE

DESIGN	ORDER NO.	PU
white	**4568**	10



FCC socket outlet 8pole, cat.3

Rated voltage	125 V=
Rated current	1 A
Transmission bandwidth	max. 16 MHz
Transition resistance	< 20 mΩ
Conductor Ø	max. 1 mm
Insertion depth	22 mm

- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
- with 45° oblique outlet
- with screw terminals

i 949

Cat.3 to according to TIA/IAE-568-B.2
Design to according to DIN EN 60603-7

UAE

DESIGN	ORDER NO.	PU
white	**4538**	10



FCC socket outlet 8pole shielded, cat.5e

Rated voltage	72 V=
Rated current	0.75 A
Transmission bandwidth	max. 100 MHz
Signal contact resistance	20 mΩ
Shield contact resistance	100 mΩ
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Insertion depth	31 mm

- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- for RJ11, RJ12 and RJ45 plugs
- suitable for PoE+
- with screen contacting 360° and cable clamp
- flexible cable routing
- with 45° oblique outlet
- without spreader claws
- with LSA+ terminals

i 949

Colour code A and B according to TIA/EIA-568-B.2
Cat.5, class D, shielded according to ISO/IEC 11801
cat.5e according to TIA/EIA 568-B.2
Protective screen according to DIN EN 55022, class B
Design to according to DIN EN 60603-7-3

UAE

DESIGN	ORDER NO.	PU
FCC socket outlet 8pole shielded, cat.5e	**4554**	10



FCC socket outlet 8pole shielded, cat.6A iso

Rated voltage	72 V=
Rated current	0.5 A
Transmission bandwidth	max. 500 MHz
Transition resistance	< 20 mΩ
Signal contact resistance	20 mΩ
Shield contact resistance	100 mΩ
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Insertion depth	31 mm

Colour code A and B according to TIA/EIA-568-B.2
Cat.6_A iso, Class E_A, shielded according to ISO/IEC 11801 A2
Protective screen according to DIN EN 55022, class B
Design to according to DIN IEC 60603-7-51

- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- cat.6_A iso, Class E_A, shielded
- for RJ11, RJ12 and RJ45 plugs
- suitable for PoE+
- with screen contacting 360° and cable clamp
- flexible cable routing
- with 45° oblique outlet
- without spreader claws
- with LSA+ terminals

i 949

UAE

DESIGN	ORDER NO.	PU
FCC socket outlet 8pole shielded, cat.6A iso	**4586**	10



Centre plate for FCC socket outlet

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for 1gang socket outlet, cat.3, cat.5e and cat.6_A iso
- with 45° oblique outlet

MANUFACTURER: PRODUCT LINE — **ART. NO.**

FCC socket outlets
AMP
Brand-Rex
BTR
Crack-IT
Rutenbeck
Telegärtner
Telena

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1407 89 82**	10
polar white glossy	**1407 89 89**	10
polar white matt	**1407 19 09**	10
anthracite matt	**1407 16 06**	10
aluminium matt, lacquered	**1407 14 04**	10
Berker Q.1/Q.3		
polar white velvety	**1407 60 89**	10
anthracite velvety, lacquered	**1407 60 86**	10





Berker K.1/K.5		
polar white glossy	**1407 70 09**	10
anthracite matt, lacquered	**1407 70 06**	10
Aluminium, aluminium anodised	**1407 70 03**	10
Stainless steel, metal matt finish	**1407 70 04**	10



Berker Arsys		
white glossy	**1407 00 02**	10
polar white glossy	**1407 00 69**	10
brown glossy	**1407 00 01**	10
light bronze matt, aluminium lacquered	**1408 00 01**	10
Stainless steel, metal matt finish	**1408 00 04**	10
gold matt, aluminium anodised	**1408 00 02**	10



Berker R.1/R.3		
polar white glossy	**1407 20 89**	10
black glossy	**1407 20 45**	10



Central plate for FCC socket outlet

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!
Use only with intermediate ring for central plate from the corresponding range.

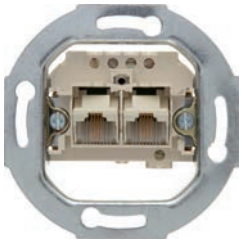
- for 1gang socket outlet, cat.3, cat.5e and cat.6_A iso
- labelling field latchable
- with 45° oblique outlet

SUITABLE FOR — **ORDER NO.** — **PAGE**
Intermediate rings — page 169

MANUFACTURER: PRODUCT LINE — **ART. NO.**
FCC socket outlets
AMP
Brand-Rex
BTR
Rutenbeck
Telegärtner

DESIGN	ORDER NO.	PU
white glossy	**1468 02**	10
polar white glossy	**1468 09**	10
brown glossy	**1468 01**	10

UAE socket outlets 2gang



FCC socket outlet 2x8(4)pole, cat.3

Rated voltage	125 V=
Rated current	1 A
Transmission bandwidth	max. 16 MHz
Transition resistance	< 20 mΩ
Conductor Ø	max. 1 mm
Insertion depth	22 mm

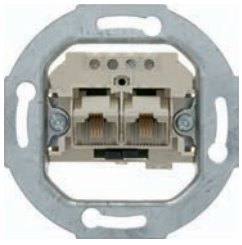
Cat.3 to according to TIA/IAE-568-B.2
Design to according to DIN EN 60603-7

- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
- parallel contacted sockets
- with 45° oblique outlet
- with screw terminals

i 949

UAE

DESIGN	ORDER NO.	PU
white	**4562**	10



FCC connection socket outlet 2x8(4)pole, cat.3

Rated voltage	125 V=
Rated current	1 A
Transmission bandwidth	max. 16 MHz
Transition resistance	< 20 mΩ
Resistor	100 Ω
Conductor Ø	max. 1 mm
Insertion depth	22 mm

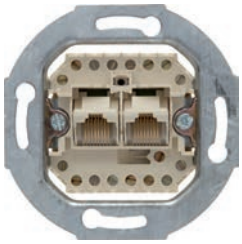
Cat.3 to according to TIA/IAE-568-B.2
Design to according to DIN EN 60603-7

- as socket outlet for ISDN-So-Bus installations
- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
- parallel contacted sockets
- for telephone installations as single box
- with 45° oblique outlet
- with screw terminals

i 949

UAE

DESIGN	ORDER NO.	PU
white	# **4592**	10



FCC socket outlet 8/8pole, cat.3

Rated voltage	125 V=
Rated current	1 A
Transmission bandwidth	max. 16 MHz
Transition resistance	< 20 mΩ
Conductor Ø	max. 1 mm
Insertion depth	22 mm

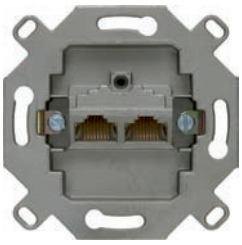
Cat.3 to according to TIA/IAE-568-B.2
Design to according to DIN EN 60603-7

- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
- with 45° oblique outlet
- with screw terminals

i 949

UAE

DESIGN	ORDER NO.	PU
white	**4539**	10



FCC socket outlet 8/8pole shielded, cat.5e

Rated voltage	72 V=
Rated current	0.75 A
Transmission bandwidth	max. 100 MHz
Transition resistance	< 20 mΩ
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Insertion depth	31 mm

Colour code A and B according to TIA/EIA-568-B.2
Cat.5, class D, shielded according to ISO/IEC 11801
Cat.5e according to TIA/EIA 568-B.2
Protective screen according to DIN EN 55022, class B
Design to according to DIN EN 60603-7-3

- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- for RJ11, RJ12 and RJ45 plugs
- suitable for PoE+
- with screen contacting 360° and cable clamp
- flexible cable routing
- with 45° oblique outlet
- without spreader claws
- with LSA+ terminals

i 949

UAE

DESIGN	ORDER NO.	PU
FCC socket outlet 8/8pole shielded, cat.5e	**4555**	10



FCC socket outlet 8/8pole shielded, cat.6A iso

Rated voltage	72 V=
Rated current	0.5 A
Transmission bandwidth	max. 500 MHz
Transition resistance	< 20 mΩ
Signal contact resistance	20 mΩ
Shield contact resistance	100 mΩ
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Insertion depth	31 mm

Colour code A and B according to TIA/EIA-568-B.2
Cat.6_A iso, Class E_A, shielded according to ISO/IEC 11801 A2
Protective screen according to DIN EN 55022, class B
Design to according to DIN IEC 60603-7-51

- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- cat.6_A iso, Class E_A, shielded
- for RJ11, RJ12 and RJ45 plugs
- suitable for PoE+
- with screen contacting 360° and cable clamp
- flexible cable routing
- with 45° oblique outlet
- without spreader claws
- with LSA+ terminals

i 949

UAE

DESIGN	ORDER NO.	PU
FCC socket outlet 8/8pole shielded, cat.6A iso	**4587**	10



Centre plate for FCC socket outlet 2gang

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for 2gang socket outlet, cat.3, cat.5e and cat.6_A iso
- with 45° oblique outlet

MANUFACTURER: PRODUCT LINE **ART. NO.**

FCC socket outlets
AMP
Brand-Rex
BTR
CobiNet
Corning
Dätwyler
EFB Electronic
Elmat/Süveg (STL-Gruppe)
Komos
Leoni Kerpen
Rutenbeck
Setec
Telegärtner
ISDN socket outlets (Rutenbeck)
Telekom

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1409 89 82**	10
polar white glossy	**1409 89 89**	10
polar white matt	**1409 19 09**	10
anthracite matt	**1409 16 06**	10
aluminium matt, lacquered	**1409 14 04**	10



Berker Q.1/Q.3		
polar white velvety	**1409 60 89**	10
anthracite velvety, lacquered	**1409 60 86**	10



Berker K.1/K.5		
polar white glossy	**1409 70 09**	10
anthracite matt, lacquered	**1409 70 06**	10
Aluminium, aluminium anodised	**1409 70 03**	10
Stainless steel, metal matt finish	**1409 70 04**	10



Berker Arsys		
white glossy	**1409 00 02**	10
polar white glossy	**1409 00 69**	10
brown glossy	**1409 00 01**	10
light bronze matt, aluminium lacquered	**1410 00 01**	10
Stainless steel, metal matt finish	**1410 00 04**	10
gold matt, aluminium anodised	**1410 00 02**	10



Berker R.1/R.3		
polar white glossy	**1409 20 89**	10
black glossy	**1409 20 45**	10



Central plate for FCC socket outlet 2gang

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- for 2gang socket outlet, cat.3, cat.5e and cat.6_A iso
- labelling field latchable
- with 45° oblique outlet

SUITABLE FOR — **ORDER NO.** — **PAGE**
Intermediate rings — page 169

MANUFACTURER: PRODUCT LINE — **ART. NO.**
FCC socket outlets
AMP
Brand-Rex
BTR
CobiNet
Corning
Dätwyler
EFB Electronic
Elmat/Süveg (STL-Gruppe)
Komos
Leoni Kerpen
Rutenbeck
Setec
Telegärtner
Telena
ISDN socket outlets (Rutenbeck)
Telekom

DESIGN	ORDER NO.	PU
white glossy	**1469 02**	10
polar white glossy	**1469 09**	10
brown glossy	**1469 01**	10

Modular UAE socket outlets



Modular UAE socket outlet 8/8pole shielded, cat.6A iso

Rated voltage	72 V=
Rated current	0.5 A
Transmission bandwidth	max. 500 MHz
Signal contact resistance	< 20 mΩ
Shield contact resistance	100 mΩ
Copper conductor (solid) Ø	0.51 ... 0.64 (AWG 24-22) mm
Copper conductor (flexible) Ø	0.4 ... 0.53 (AWG 26) mm
Insertion depth	35 mm

Colour code A and B according to TIA/EIA-568-B.2
Cat.6_A iso, Class E_A, shielded according to ISO/IEC 11801 A2
Protective screen according to DIN EN 55022, class B
Design to according to DIN IEC 60603-7-51

- external eyelets on the supporting ring can be broken off for round designs
- die-cast zinc housing
- only suitable for RJ45 plugs
- suitable for PoE+
- with screen contacting 360° and cable clamp
- with straight outlet
- with optional dust protection hinged covers
- without spreader claws
- with IDC terminals

i 948

UAE

DESIGN	ORDER NO.	PU
Modular UAE socket outlet 8/8pole shielded, cat.6A iso	**4588**	1



Modular UAE socket outlet 8/8pole unshielded, cat.6A iso

Rated voltage	72 V=
Rated current	0.5 A
Transmission bandwidth	max. 500 MHz
Signal contact resistance	< 200 mΩ
Copper conductor (solid) Ø	0.51 ... 0.64 mm
Copper conductor (flexible) Ø	0.4 ... 0.53 mm
Insertion depth	35 mm

Colour code A and B according to TIA/EIA-568-B.2

- housing made of ABS
- only suitable for RJ45 plugs
- suitable for PoE+
- with straight outlet
- with optional dust protection hinged covers
- without spreader claws
- with IDC terminals

SUITABLE FOR	ORDER NO.	PAGE
Centre plate with TAE cut-out	1035 70 03 ..	154

i 949

UAE

DESIGN	ORDER NO.	PU
Modular UAE socket outlet 8/8pole unshielded, cat.6A iso	**4584**	1



Centre plate with TAE cut-out

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

MANUFACTURER: PRODUCT LINE — **ART. NO.**
FCC socket outlets
Dätwyler
Rutenbeck
TAE and FCC overvoltage protection sockets
Dehn
EAD socket outlets
Drivex
Fröhlich + Walter
Intracom

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1033 89 12**	10
polar white glossy	**1033 89 19**	10
polar white matt, with 2 knock out openings	**1033 19 09**	10
anthracite matt, with 2 knock out openings	**1033 16 06**	10
aluminium matt, lacquered, with 2 knock out openings	**1033 14 04**	10
Berker Q.1/Q.3		
polar white velvety	**1033 60 89**	10
anthracite velvety, lacquered	**1033 60 86**	10









DESIGN	ORDER NO.	PU
Berker K.1/K.5		
polar white glossy	**1035 70 09**	10
anthracite matt, lacquered	**1035 70 06**	10
Aluminium, aluminium anodised	**1035 70 03**	10
Stainless steel, metal matt finish	**1035 70 04**	10
Berker Arsys		
white glossy	**1035 01 02**	10
polar white glossy	**1035 01 69**	10
brown glossy	**1035 01 01**	10
light bronze matt, aluminium lacquered	**1034 00 01**	10
Stainless steel, metal matt finish	**1034 00 04**	10
gold matt, aluminium anodised	**1034 00 02**	10
Berker R.1/R.3		
polar white glossy	**1038 20 89**	10
black glossy	**1038 20 45**	10



Central plate with TAE cut-out

- knock out

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- labelling field latchable
- 1 knock out opening

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 169

MANUFACTURER: PRODUCT LINE	ART. NO.
FCC socket outlets	
Dätwyler	
Rutenbeck	
TAE and FCC overvoltage protection sockets	
Dehn	
EAD socket outlets	
Drivex	
Fröhlich + Walter	
Intracom	

DESIGN	ORDER NO.	PU
white glossy	**1458 02**	10
polar white glossy	**1458 09**	10
brown glossy	**1458 01**	10

Installation of external modular jacks



Supporting plate with black mounting device 1gang for modular jack

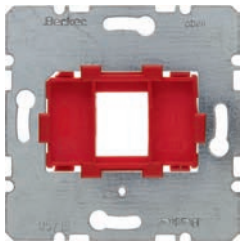
Indexing dimension (W x H) ≈ 14.8 x 20.5 mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for centre plate with dust protector slider
- for 3M modular jacks cat.6 and cat.6A
- without spreader claws

MANUFACTURER: PRODUCT LINE	ART. NO.
Modular jacks	
3M	

DESIGN	ORDER NO.	PU
Supporting plate with black mounting device 1gang for modular jack	* **4542 01**	10



Supporting plate with red mounting device 1gang for modular jack

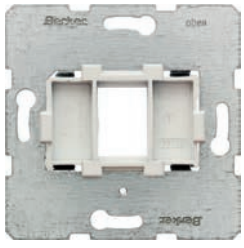
Indexing dimension (W x H) ≈ 15.5 x 19.5 mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for centre plate with dust protector slider
- without spreader claws

MANUFACTURER: PRODUCT LINE	ART. NO.
Modular jacks	
Abitana	
AMP	
Assmann	
Asyco	
Dätwyler	
Dr. Ing. Sieger	
EFB Electronic	
Erni	
Hubbell	
ICS	
Leoni Kerpen	
Nexans	
Premium Line Systems	
Radiall	
Rutenbeck	
Setec	
Telegärtner	
ZA-Tec	

DESIGN	ORDER NO.	PU
Supporting plate with red mounting device 1gang for modular jack	**4540 01**	10



Supporting plate with white mounting device 1gang for modular jack

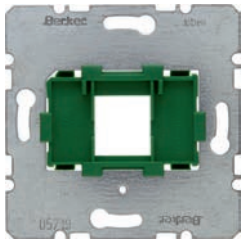
Indexing dimension (W x H) ≈ 14.9 x 20.7 mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for centre plate with dust protector slider
- for AMP modular jacks series 110 Connect cat.3, cat.5, cat.5e and cat.6
- without spreader claws

MANUFACTURER: PRODUCT LINE	ART. NO.
Modular jacks	
AMP	
Brand-Rex	
CobiNet	
EFB Electronic	

DESIGN	ORDER NO.	PU
Supporting plate with white mounting device 1gang for modular jack	**4540 02**	10



Supporting plate with green mounting device 1gang for modular jack

Indexing dimension (W x H) ≈ 17 x 18 mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for centre plate with dust protector slider
- for Commscope-Systimax Modular Jacks cat.5 and cat.6
- without spreader claws

MANUFACTURER: PRODUCT LINE		ART. NO.
Modular jacks		
Commscope-Systimax: gigaSpeed		MGS300BH-... MGS400-... MGS500-...
	PowerSUM	MPS100E-...

DESIGN	ORDER NO.	PU
Supporting plate with green mounting device 1gang for modular jack	**4540 04**	10



Centre plate with dust protection slider

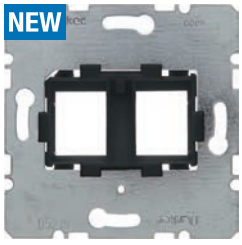
- Labelling field







DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
polar white matt	**1170 19 09**	10
anthracite matt	**1170 16 06**	10
aluminium matt, lacquered	**1170 14 04**	10
Berker Q.1/Q.3		
polar white velvety	**1170 60 89**	10
anthracite velvety, lacquered	**1170 60 86**	10
Berker K.1/K.5		
polar white glossy	**1170 70 09**	10
anthracite matt, lacquered	**1170 70 06**	10
aluminium matt, lacquered	**1170 70 03**	10
stainless steel matt, lacquered	**1170 70 04**	10
Berker R.1/R.3		
polar white glossy, without labelling field	**1170 20 89**	10
black glossy, without labelling field	**1170 20 45**	10



Supporting plate with black mounting device 2gang for modular jack

Indexing dimension (W x H) ≈ 14.8 x 20.5 mm

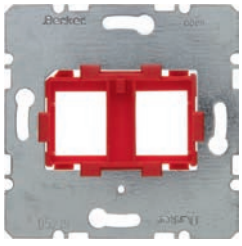
For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for centre plate with dust protector slider
- for 3M modular jacks cat.6 and cat.6A
- without spreader claws

MANUFACTURER: PRODUCT LINE — **ART. NO.**

Modular jacks
3M

DESIGN	ORDER NO.	PU
Supporting plate with black mounting device 2gang for modular jack	* **4542 02**	10



Supporting plate with red mounting device 2gang for modular jacks

Indexing dimension (W x H) ≈ 15.5 x 19.5 mm

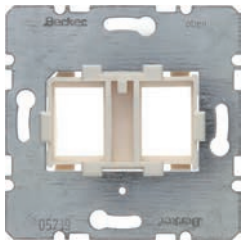
For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for centre plate with dust protector sliders
- without spreader claws

MANUFACTURER: PRODUCT LINE — **ART. NO.**

Modular jacks
Abitana
AMP
Assmann
Asyco
Dätwyler
Dr. Ing. Sieger
EFB Electronic
Erni
Hubbell
ICS
Leoni Kerpen
Nexans
Premium Line Systems
Radiall
Rutenbeck
Setec
Telegärtner
ZA-Tec

DESIGN	ORDER NO.	PU
Supporting plate with red mounting device 2gang for modular jacks	**4541 01**	10



Supporting plate with white mounting device 2gang for modular jacks

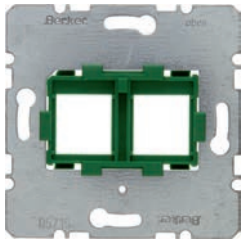
Indexing dimension (W x H) ≈ 14.9 x 20.7 mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for centre plate with dust protector sliders
- for AMP modular jacks series 110 Connect cat.3, cat.5, cat.5e and cat.6
- without spreader claws

MANUFACTURER: PRODUCT LINE	ART. NO.
Modular jacks	
AMP	
Brand-Rex	
CobiNet	
EFB Electronic	

DESIGN	ORDER NO.	PU
Supporting plate with white mounting device 2gang for modular jacks	**4541 05**	10



Supporting plate with green mounting device 2gang for modular jacks

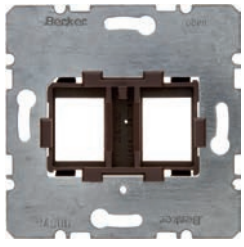
Indexing dimension (W x H) ≈ 17 x 18 mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for centre plate with dust protector sliders
- for Commscope-Systimax Modular Jacks cat.5 and cat.6
- without spreader claws

MANUFACTURER: PRODUCT LINE	ART. NO.
Modular jacks	
Commscope-Systimax: gigaSpeed	MGS300BH-... MGS400-... MGS500-...
PowerSUM	MPS100E-...

DESIGN	ORDER NO.	PU
Supporting plate with green mounting device 2gang for modular jacks	**4541 04**	10



Supporting plate with brown mounting device 2gang for modular jacks

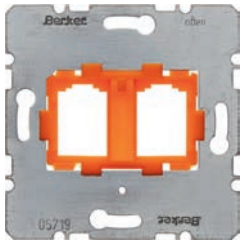
Indexing dimension (W x H) ≈ 14.9 x 19.5 mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for centre plate with dust protector sliders
- for Krone modular jacks cat.5, cat.5e and cat.6
- without spreader claws

MANUFACTURER: PRODUCT LINE	ART. NO.
Modular jacks	
Harting	
Krone	
Reichle&De-Massari	
Thomas & Betts	
Fibre-optic couplings	
3M	
Krone	
mvk	

DESIGN	ORDER NO.	PU
Supporting plate with brown mounting device 2gang for modular jacks	**4541 07**	10



Supporting plate with orange mounting device 2gang for modular jacks

Indexing dimension (W x H) ≈ 14.9 x 19.4 mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for centre plate with dust protector sliders
- without spreader claws

MANUFACTURER: PRODUCT LINE	ART. NO.
Modular jacks	
BTR	
Dätwyler	

DESIGN	ORDER NO.	PU
Supporting plate with orange mounting device 2gang for modular jacks	**4541 09**	10



Centre plate with 2 dust protection sliders

- Labelling field

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1181 89 82**	10
polar white glossy	**1181 89 89**	10
polar white matt	**1181 19 09**	10
anthracite matt	**1181 16 06**	10
aluminium matt, lacquered	**1181 14 04**	10
Berker Q.1/Q.3		
polar white velvety	**1181 60 89**	10
anthracite velvety, lacquered	**1181 60 86**	10





Berker K.1/K.5		
polar white glossy	**1182 70 09**	10
anthracite matt, lacquered	**1182 70 06**	10
aluminium matt, lacquered	**1182 70 03**	10
stainless steel matt, lacquered	**1182 70 04**	10



Berker Arsys		
white glossy	**1182 00 02**	10
polar white glossy	**1182 00 69**	10
brown glossy	**1182 00 01**	10
light bronze matt, lacquered	**1182 90 11**	10
stainless steel matt, lacquered	**1182 90 04**	10



Berker R.1/R.3		
polar white glossy, without labelling field	**1181 20 89**	10
black glossy, without labelling field	**1181 20 45**	10



Central plate for 3 MINI-COM modules

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with supporting plate
- for Mini-Com jacks cat.3, cat.5e, cat.6, cat.6 10Gig
- for Mini-Com fibre-optic modules
- for Mini-Com 3.5 mm stereo connection/coupling modules
- for Mini-Com BNC connector modules
- for Mini-Com Cinch connection/coupling modules
- for Mini-Com D-Subminiature connectors 15pole
- for Mini-Com F-plug coupling modules
- for Mini-Com speaker wire/banana plug modules
- for Mini-Com HDMI™ module, double socket 1.3, type A
- for Mini-Com S-Video connection/coupling modules
- for Mini-Com USB modules, double socket type A, USB 2.0 compliant
- for Mini-Com dummy modules 1gang
- labelling field latchable
- with 30° oblique outlet
- without spreader claws

SUITABLE FOR	ORDER NO.	PAGE
Multimedia modules		page 582
Intermediate rings		page 169

MANUFACTURER: PRODUCT LINE	ART. NO.
Mini-Com modules	
Panduit	

DESIGN	ORDER NO.	PU
white glossy	**1427 02**	10
polar white glossy	**1427 09**	10
polar white matt/velvety	**1427 19 09**	10
anthracite matt	**1427 16 06**	10
aluminium matt, lacquered	**1427 14 04**	10



Central plate for Reichle&De-Massari single modules

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with supporting plate
- for connecting modules RJ45 cat.5e and cat.6
- for fibre-optic modules
- labelling field latchable
- with 30° oblique outlet
- without spreader claws

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 169

MANUFACTURER: PRODUCT LINE	ART. NO.
Modules	
Reichle&De-Massari	

DESIGN	ORDER NO.	PU
white glossy	**1472 02**	10
polar white glossy	**1472 09**	10
polar white matt/velvety	**1472 19 09**	10
anthracite matt	**1472 16 06**	10
aluminium matt, lacquered	**1472 14 04**	10



Central plate for Reichle&De-Massari double module

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with supporting plate
- for connecting modules RJ45 cat.5e and cat.6
- for fibre-optic modules
- labelling field latchable
- with 30° oblique outlet
- without spreader claws

SUITABLE FOR **ORDER NO.** **PAGE**
Intermediate rings page 169

MANUFACTURER: PRODUCT LINE **ART. NO.**
Modules
Reichle&De-Massari
Diamond

DESIGN	ORDER NO.	PU
white glossy	**1461 02**	10
polar white glossy	**1461 09**	10
polar white matt/velvety	**1461 19 09**	10



Central plate 2gang for AMP jacks

Indexing dimension (W x H) ≈ 14.7 x 20.7 mm

Shielded versions touch each other.

For detailed information on relevant articles of the listed manufacturers, please see Berker online catalogue.

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with supporting plate
- for AMP modular jacks series 110 Connect cat.3, cat.5, cat.5e and cat.6
- for AMP fibre-optic couplings MT-RJ jacks
- labelling field latchable
- with 30° oblique outlet
- without spreader claws

SUITABLE FOR **ORDER NO.** **PAGE**
Intermediate rings page 169

MANUFACTURER: PRODUCT LINE **ART. NO.**
SL series toolless jack with dust protection
AMP
Standard 110 Connect jack
AMP
MT-RJ jack
AMP
Intracom
Telena
SL series 110 Connect Jack
AMP
Modular jacks
CobiNet
EFB Electronic
Schumann
SL series toolless jack
AMP

DESIGN	ORDER NO.	PU
white glossy	**1463 02**	10
polar white glossy	**1463 09**	10
polar white matt/velvety	**1463 19 09**	10
anthracite matt	**1463 16 06**	10
aluminium matt, lacquered	**1463 14 04**	10



Central plate 2gang for Krone jacks

Indexing dimension (W x H) ≈ 14.7 x 19.4 mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!
Use only with intermediate ring for central plate from the corresponding range.

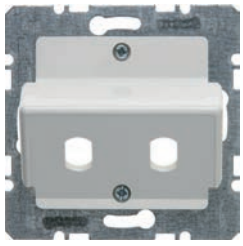
- with supporting plate
- for Krone modular jacks cat.5, cat.5e and cat.6
- for 3M fibre-optic couplings Volition
- for Krone fibre-optic couplings MT-RJ jacks
- with 30° oblique outlet
- without spreader claws

SUITABLE FOR **ORDER NO.** **PAGE**
Intermediate rings page 169

MANUFACTURER: PRODUCT LINE **ART. NO.**
Modular jacks
3M
Assmann
Asyco
Dätwyler
Erni
Harting
Hubbell
ICS
Krone
Leoni Kerpen
Nexans
Premium Line Systems
Setec
Telegärtner
Thomas & Betts

DESIGN	ORDER NO.	PU
white glossy	**1464 02**	10
polar white glossy	**1464 09**	10
polar white matt/velvety	**1464 19 09**	10
anthracite matt	**1464 16 06**	10
aluminium matt, lacquered	**1464 14 04**	10

Mounting devices for fibre-optic couplings



Central plate for fibre-optic couplings Simplex ST

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

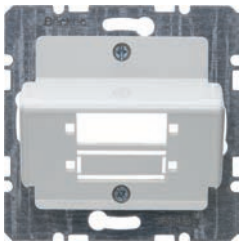
Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with supporting plate
- for 2 fibre-optic couplings
- with 30° oblique outlet
- without spreader claws

SUITABLE FOR **ORDER NO.** **PAGE**
Intermediate rings page 169

MANUFACTURER: PRODUCT LINE **ART. NO.**
Fibre-optic couplings
Ackermann
AMP
Brand-Rex
BTR
CobiNet
Corning
Diamond
Drahtex
Huber+Suhner
Quante
Telegärtner

DESIGN	ORDER NO.	PU
white glossy, 2gang	**1492 02**	10
polar white glossy, 2gang	**1492 09**	10
polar white matt/velvety, 2gang	**1492 19 09**	10



Central plate for fibre-optic couplings Duplex SC

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with supporting plate
- for 1 or 2 fibre-optic couplings
- with 30° oblique outlet
- 1 knock out opening
- without spreader claws

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 169

MANUFACTURER: PRODUCT LINE — **ART. NO.**

Fibre-optic couplings
Ackermann
AMP
Brand-Rex
BTR
CobiNet
Corning
Diamond
Drahtex
FiberCraft
Huber+Suhner
Krone
Quante
Telegärtner

DESIGN	ORDER NO.	PU
white glossy	**1480 02**	10
polar white glossy	**1480 09**	10
polar white matt/velvety	**1480 19 09**	10

ANTENNA TECHNOLOGY

Aerial sockets



Aerial socket 2hole single box

- DC-permeable

=→=

Wave impedence	75 Ω
Broadband technology	4 ... 2400 MHz
Attentuation:	
- at 40 … 68 MHz	3.5 dB
- at 87.5 … 108 MHz	3.8 dB
- at 113 … 174 MHz	2.5 dB
- at 174 … 862 MHz	4 dB
- at 950 … 2200 MHz	3 ... 4.9 dB
reverse channel compatible	4 ... 2400 MHz

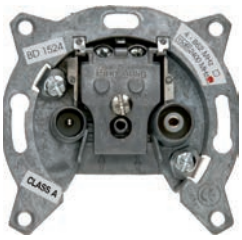
Not suitable as terminal box.
IEC 169-2 and EN 60728-11
Shielding value according to EMC protection class A

- for community, DVB-T and broadband cable systems
- for single and distributor SAT systems
- for analogue and digital transmission
- for terrestrial reception
- in star structure or decoupled spur lines
- suitable for HDTV
- remote supply via output socket
- DC voltage conducting
- with screw terminals

i 947

TV

DESIGN	ORDER NO.	PU
Aerial socket 2hole single box	**4502**	10



Aerial socket, 2hole throughpass socket

Wave impedence	75 Ω
Broadband technology	4 ... 2400 MHz
Attentuation:	
- at 5 … 111 MHz	14 dB
- at 111 … 862 MHz	15 dB
- at 950 … 2400 MHz	16 dB
Transmission loss:	
- at 5 … 111 MHz	1.5 dB
- at 111 … 862 MHz	1 dB
- at 950 … 2400 MHz	2.5 dB
reverse channel compatible	4 ... 2400 MHz

- for community, DVB-T and broadband cable systems
- for SAT house distributors
- for analogue and digital transmission
- for terrestrial reception
- in tree structure and trunk lines
- suitable for HDTV
- disables DC voltage
- with decoupling device
- with screw terminals

i 947

EN 60728-4, -11
IEC 169-2 and EN 50083-2
Shielding value according to EMC protection class A

TV

DESIGN	ORDER NO.	PU
Aerial socket, 2hole throughpass socket	**4515**	10



Aerial socket 3hole single box

- DC-permeable

=→=

Wave impedence	75 Ω
Broadband technology	5 ... 2400 MHz
Attentuation:	
- at 4 … 30 MHz	3.5 dB
- at 40 … 68 MHz	3.5 dB
- at 87.5 … 108 MHz	3.8 dB
- at 113 … 174 MHz	3.5 dB
- at 174 … 862 MHz	4 dB
- at 950 … 2400 MHz	1.5 ... 3 dB

- for community, DVB-T and broadband cable systems
- for single and distributor SAT systems
- for analogue and digital transmission
- for terrestrial reception
- in star structure or decoupled spur lines
- suitable for HDTV
- remote supply via F-socket
- DC voltage conducting
- with screw terminals

i 947

EN 60728-4, -11
IEC 169-2 and EN 50083-2
Shielding value according to EMC protection class A

TV

DESIGN	ORDER NO.	PU
Aerial socket 3hole single box	**4522**	1



Aerial socket 3hole throughpass socket

Wave impedence	75 Ω
Broadband technology	40 ... 2400 MHz
Attentuation:	
- at 1.5 … 26.1 MHz	11 dB
- at 47 … 68 MHz	10.5 dB
- at 87.5 … 108 MHz	10.5 dB
- at 111 … 174 MHz	10 dB
- at 174 … 862 MHz	10.5 dB
- at 950 … 2050 MHz	10.5 dB
Transmission loss:	
- at 1.5 … 26.1 MHz	1.5 dB
- at 47 … 68 MHz	1.5 dB
- at 87.5 … 108 MHz	1.5 dB
- at 111 … 174 MHz	1 dB
- at 174 … 862 MHz	2 dB
- at 950 … 2050 MHz	3 dB

- for community, DVB-T and broadband cable systems
- for SAT house distributors without supply voltage, e.g. single-cable solution
- for analogue and digital transmission
- for terrestrial reception
- in tree structure and trunk lines
- suitable for HDTV
- disables DC voltage
- with decoupling device
- with screw terminals

i 947

EN 60728-4, -11
IEC 169-2 and EN 50083-2
Shielding value according to EMC protection class A

TV

DESIGN	ORDER NO.	PU
Aerial socket 3hole throughpass socket	**4523**	1



Aerial socket 3hole throughpass socket
- DC-permeable

=→=

Wave impedence	75 Ω
Broadband technology	40 ... 2400 MHz
Attentuation:	
- at 1.5 … 26.1 MHz	11 dB
- at 47 … 68 MHz	10.5 dB
- at 87.5 … 108 MHz	10.5 dB
- at 111 … 174 MHz	10 dB
- at 174 … 862 MHz	10.5 dB
- at 950 … 2050 MHz	10.5 dB
Transmission loss:	
- at 1.5 … 26.1 MHz	1.5 dB
- at 47 … 68 MHz	1.5 dB
- at 87.5 … 108 MHz	1.5 dB
- at 111 … 174 MHz	1 dB
- at 174 … 862 MHz	2 dB
- at 950 … 2050 MHz	3 dB

- for community, DVB-T and broadband cable systems
- for SAT house distributors
- suitable for unicable
- for analogue and digital transmission
- for terrestrial reception
- in tree structure and trunk lines
- suitable for HDTV
- DC voltage conducting
- with decoupling device
- with screw terminals

i 947

In unicable systems, the last throughpass socket must be closed with a terminating resistor (available in specialist shops) suitable for DC.
EN 60728-4, -11
IEC 169-2 and EN 50083-2
Shielding value according to EMC protection class A

TV

DESIGN	ORDER NO.	PU
Aerial socket 3hole throughpass socket	**4593**	1



Terminating resistor

Resistor	75 Ω
Broadband technology	0.15 ... 2400 MHz

- for use in last through-box
- DC voltage conducting
- for non-reflective termination of a trunk cable

i 947

DESIGN	ORDER NO.	PU
Terminating resistor	**4503**	1



Centre plate for aerial socket 2-/3hole

For aerial socket according to DIN 45330

- with knock out SAT input

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1203 89 82**	10
polar white glossy	**1203 89 89**	10
polar white matt	**1203 19 09**	10
anthracite matt	**1203 16 06**	10
aluminium matt, lacquered	**1203 14 04**	10



Berker Q.1/Q.3		
polar white velvety	**1203 60 89**	10
anthracite velvety, lacquered	**1203 60 86**	10



Berker K.1/K.5		
polar white glossy	**1201 70 19**	10
anthracite matt, lacquered	**1201 70 16**	10
Aluminium, aluminium anodised	**1201 70 13**	10
Stainless steel, metal matt finish	**1201 70 14**	10



Berker Arsys		
white glossy	**1201 01 12**	10
polar white glossy	**1201 01 79**	10
brown glossy	**1201 01 11**	10
light bronze matt, aluminium lacquered	**1202 00 21**	10
Stainless steel, metal matt finish	**1202 00 04**	10
gold matt, aluminium anodised	**1202 00 02**	10



Berker R.1/R.3		
polar white glossy	**1203 20 89**	10
black glossy	**1203 20 45**	10



Aerial socket 4hole single box

- DC-permeable

=➔=

Wave impedence	75 Ω
Broadband technology	5 ... 2400 MHz
Attentuation:	
- at 0.5 … 26.1 MHz	2 dB
- at 47 … 68 MHz	2 dB
- at 87.5 … 108 MHz	2 dB
- at 174 … 862 MHz	2 dB
- at 120 … 174 MHz	4.5 dB
- at 950 … 2050 MHz	4 dB

EN 60728-4
IEC 169-2 and EN 50083-2
Shielding value according to EMC protection class A

- for community and broadband cable systems
- for multi-switch systems
- for single and distributor SAT systems
- for analogue and digital transmission
- for terrestrial reception
- in star structure or decoupled spur lines
- suitable for HDTV
- remote supply via F-sockets
- with 2 equal IEC outputs (socket and plug)
- with 2 independent SAT outputs (F-sleeves)
- for simultaneous connection of radio and TV receiver as well as 2 independent SAT receivers
- also to add SAT programmes in broadband cable systems
- DC voltage conducting
- with screw terminals

i 947

TV

DESIGN	ORDER NO.	PU
Aerial socket 4hole single box	**4594**	1



Central plate for aerial socket 4hole (Ankaro)

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 2 additional SAT outputs (F-sockets)

SUITABLE FOR — **ORDER NO.** — **PAGE**
Intermediate rings — page 169

MANUFACTURER: PRODUCT LINE — **ART. NO.**
Aerial sockets
Ankaro
Astro
Axing
Delta
Schwaiger

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7, Q.1/Q.3, K.1/K.5 - stainless steel, Arsys		
white glossy	**1484 02**	10
polar white glossy	**1484 09**	10
polar white matt/velvety	**1484 19 09**	10
anthracite matt	**1484 16 06**	10
aluminium matt, lacquered	**1484 14 04**	10
brown glossy	**1484 01**	10
light bronze matt, lacquered	**1484 11**	10
stainless steel matt, lacquered	**1484 04**	10
Berker K.5 - Aluminium		
aluminium matt, lacquered	**1484 70 03**	10

Covers of external aerial sockets



Central plate for aerial socket 4hole (Hirschmann)

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 2 additional SAT outputs (F-sockets)

SUITABLE FOR — **ORDER NO.** — **PAGE**
Intermediate rings — page 169

MANUFACTURER: PRODUCT LINE — **ART. NO.**
Aerial sockets
Hirschmann

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7, Q.1/Q.3, K.1/K.5 - stainless steel, Arsys		
white glossy	**1483 02**	10
polar white glossy	**1483 09**	10
polar white matt/velvety	**1483 19 09**	10
anthracite matt	**1483 16 06**	10
aluminium matt, lacquered	**1483 14 04**	10
brown	**1483 01**	10
light bronze matt, lacquered	**1483 11**	10
stainless steel matt, lacquered	**1483 04**	10
Berker K.5 - Aluminium		
aluminium matt, lacquered	**1483 70 03**	10



Central plate for broadband modem socket (Wisi)

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with additional multimedia output

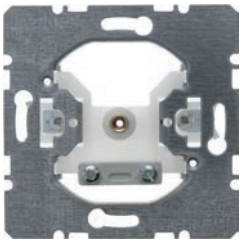
SUITABLE FOR — **ORDER NO.** — **PAGE**
Intermediate rings — page 169

MANUFACTURER: PRODUCT LINE — **ART. NO.**
Broadband modem socket
Wisi

DESIGN	ORDER NO.	PU
white glossy	# **1439 02**	10
polar white glossy	# **1439 09**	10
polar white matt/velvety	# **1439 19 09**	10
anthracite matt	# **1439 16 06**	10

SUPPLEMENTARY PRODUCTS

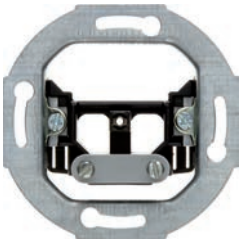
Cable outlets



Cable outlet

- with strain relief
- for lines dia. max. 9 mm
- without terminal block

DESIGN	ORDER NO.	PU
Cable outlet	**4470**	10



Cable outlet with low installation depth

- with strain relief
- for lines dia. max. 9 mm
- space-saving for relays, etc.
- without terminal block

DESIGN	ORDER NO.	PU
Cable outlet with low installation depth	**4468**	10



Centre plate for cable outlet

- with an outlet below

MANUFACTURER: PRODUCT LINE — **ART. NO.**
VDo connector boxes
Komos
Rutenbeck
Telena

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1019 89 82**	10
polar white glossy	**1019 89 89**	10
polar white matt	**1019 19 09**	10
anthracite matt	**1019 16 06**	10
aluminium matt, lacquered	**1019 14 04**	10
Berker Q.1/Q.3		
polar white velvety	**1019 60 89**	10
anthracite velvety, lacquered	**1019 60 86**	10
Berker K.1/K.5		
polar white glossy	**1005 70 09**	10
anthracite matt, lacquered	**1005 70 06**	10
aluminium matt, lacquered	**1005 70 03**	10
stainless steel matt, lacquered	**1005 70 04**	10
Berker Arsys		
white glossy	**1005 00 02**	10
polar white glossy	**1005 00 69**	10
brown glossy	**1005 00 01**	10
light bronze matt, lacquered	**1004 90 11**	10
stainless steel matt, lacquered	**1004 90 04**	10



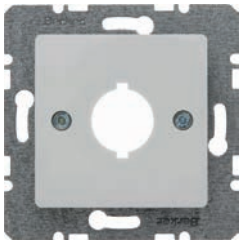






DESIGN	ORDER NO.	PU
Berker R.1/R.3		
polar white glossy	**1019 20 89**	10
black glossy	**1019 20 45**	10

Covers of external circular plug-in connectors



Central plate with installation opening Ø 18.8 mm

Screw spacing 36 mm

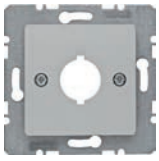
For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with supporting plate
- with cut-out dia. 18.8 mm
- labelling field latchable
- without spreader claws

SUITABLE FOR	ORDER NO.	PAGE
Intermediate ring for central plate		page 169
optional		
Built-in socket for floating output	4604	684

MANUFACTURER: PRODUCT LINE	ART. NO.
Circular plug-in connector	
Amphenol-Tuchel	
Binder	
Cannon	
Farnell	
Hirose	
Hirschmann	
Lumberg	
Monacor	
RS Components	
Signalling and command units	
Lumitas	
Schlegel	
Extra low voltage jack	
PRO-CAR	



DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7, Q.1/Q.3, K.1/K.5 - stainless steel, Arsys		
white glossy	**1431 02**	10
polar white glossy	**1431 09**	10
polar white matt/velvety	**1431 19 09**	10
anthracite matt	**1431 16 06**	10
aluminium matt, lacquered	**1431 14 04**	10
stainless steel matt, lacquered	**1431 04**	10
Berker K.5 - Aluminium		
aluminium matt, lacquered	**1431 70 03**	10



Central plate with installation opening Ø 22.5 mm

Screw spacing 36 mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!
Use only with intermediate ring for central plate from the corresponding range.

Installation aperture according to IEC 60947-5-1

- with supporting plate
- with cut-out dia. 22.5 mm
- labelling field latchable
- without spreader claws

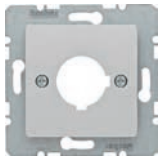
SUITABLE FOR	ORDER NO.	PAGE
Intermediate ring for central plate		page 169

MANUFACTURER: PRODUCT LINE — **ART. NO.**

Signalling and command units
Kraus-Naimer
Lumitas
Schlegel

Overvoltage protection devices
Dehn
OBO-Bettermann

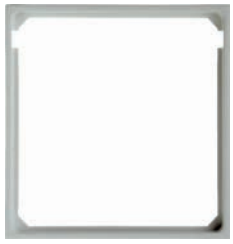
DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7, Q.1/Q.3, K.1/K.5 - stainless steel, Arsys		
white glossy	**1432 02**	10
polar white glossy	**1432 09**	10
polar white matt/velvety	**1432 19 09**	10
yellow glossy	**1432 07**	10
aluminium matt, lacquered	**1432 14 04**	10
anthracite matt	**1432 16 06**	10
stainless steel matt, lacquered	**1432 04**	10
Berker K.5 - Aluminium		
aluminium matt, lacquered	**1432 70 03**	10



Berker R.1/R.3		
polar white glossy	**1432 20 89**	10
black glossy	**1432 20 45**	10
yellow glossy	**1432 20 06**	10



Intermediate rings



Intermediate ring for central plate

- labelling field latchable

SUITABLE FOR	ORDER NO.	PAGE
optional		
Labelling field for intermediate ring	1905 00 02	170

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1109 89 82**	10
polar white glossy	**1109 89 89**	10
polar white matt	**1109 19 09**	10
anthracite matt	**1109 16 06**	10
aluminium matt, lacquered	**1109 14 04**	10
Berker Q.1/Q.3		
polar white velvety	**1109 60 89**	10
anthracite velvety, lacquered	**1109 60 86**	10



Berker K.1/K.5		
polar white glossy	**1108 70 09**	10
anthracite matt, lacquered	**1108 70 06**	10
aluminium matt, lacquered	**1108 70 03**	10
stainless steel matt, lacquered	**1108 70 04**	10



DESIGN	ORDER NO.	PU
Berker Arsys		
white glossy	**1108 00 02**	10
polar white glossy	**1108 00 69**	10
brown glossy	**1108 00 01**	10
light bronze matt, lacquered	**1108 90 11**	10
stainless steel matt, lacquered	**1108 90 04**	10



Labelling field for intermediate ring

Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
Berker Q.1/Q.3, K.1/K.5, Arsys		
white glossy	**1905 00 02**	10
polar white glossy	**1905 00 69**	10
aluminium matt, lacquered	**1905 70 03**	10
stainless steel matt, lacquered	**1905 70 04**	10



Intermediate ring with hinged cover

Labelling field height arranged for P-touch strips 6 mm.

- for centre plate of third-party manufacturers with external dimension 50 x 50 mm
- with imprint

DESIGN	ORDER NO.	PU
Berker K.1/K.5		
polar white glossy [1]	**1154 71 09**	10
anthracite matt, lacquered [1]	**1154 71 06**	10
Aluminium aluminium anodised [1]	**1154 71 03**	10
Stainless steel/metal matt finish [1]	**1154 71 04**	10
Berker Arsys		
white glossy	**1154 00 02**	10
polar white glossy	**1154 00 69**	10
brown glossy	**1154 00 01**	10
light bronze matt, aluminium lacquered	**1154 10 01**	10
Stainless steel, metal matt finish	**1154 10 04**	10
gold matt, aluminium anodised	**1154 10 02**	10

[1] labelling field height arranged for 6 mm P-touch strips





Intermediate ring with hinged cover flat

- Labelling field

- with imprint



Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
Berker Arsys		
white glossy	**1155 00 02**	10
polar white glossy	**1155 00 69**	10
brown glossy	**1155 00 01**	10
light bronze matt, aluminium lacquered	**1155 10 01**	10
Stainless steel, metal matt finish	**1155 10 04**	10
gold matt, aluminium anodised	**1155 10 02**	10



Intermediate ring with hinged cover high

- Labelling field



- with imprint

Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
Berker Arsys		
white glossy	**1155 01 02**	10
polar white glossy	**1155 01 69**	10
brown glossy	**1155 01 01**	10
light bronze matt, lacquered	**1155 91 11**	10
stainless steel matt, lacquered	**1155 91 04**	10

Adapter rings for centre plates 50 x 50 mm



Adapter ring for centre plate 50 x 50 mm

Caution!
Not suitable for Berker central plates.
For centre plate according to DIN 49075

- for centre plate of third-party manufacturers with external dimension 50 x 50 mm

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1109 90 82**	10
polar white glossy	**1109 90 89**	10
polar white matt	**1109 19 19**	10
anthracite matt	**1109 16 16**	10
aluminium matt, lacquered	**1109 14 14**	10
Berker Q.1/Q.3		
polar white velvety	**1109 60 79**	10
anthracite velvety, lacquered	**1109 60 76**	10

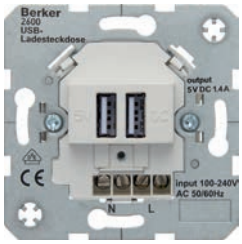






Berker K.1/K.5		
polar white glossy	**1108 71 09**	10
anthracite matt, lacquered	**1108 71 06**	10
aluminium matt, lacquered	**1108 71 03**	10
stainless steel matt, lacquered	**1108 71 04**	10
Berker Arsys		
white glossy	**1108 01 02**	10
polar white glossy	**1108 01 69**	10
brown glossy	**1108 01 01**	10
light bronze matt, lacquered	**1108 91 11**	10
stainless steel matt, lacquered	**1108 91 04**	10

USB CHARGING SOCKET OUTLETS



230 V USB charging socket outlet

- Screw terminals

Input voltage	100 ... 240 V~
Frequency	50/60 Hz
Output voltage	5 V= (± 5 %)
Output current per socket	max. 1 A
Output current when operating both sockets	max. 1.4 A
Power consumption (standby)	75 mW
Conductor cross-section (rigid)	max. 2.5 mm²
Insertion depth	32 mm

No data transmission possible!
USB connections according to DIN EN 50558

- for charging mobile end devices via USB cable
- with 2 USB sockets type A
- short-circuit and overload proof (electronic fuse)
- with screw terminals (double for wiring through)

SUITABLE FOR	ORDER NO.	PAGE
Centre plate with TAE cut-out		page 172
Central plate with TAE cut-out		page 173

DESIGN	ORDER NO.	PU
polar white matt	**2600 09**	1
anthracite matt	**2600 05**	1



Centre plate with TAE cut-out

SUITABLE FOR	ORDER NO.	PAGE
230 V USB charging socket outlet	2600 0 ..	172
Modular UAE socket outlet 8/8pole unshielded, cat.6A iso	4584 ..	153

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1033 89 12**	10
polar white glossy	**1033 89 19**	10
polar white matt, with 2 knock out openings	**1033 19 09**	10
anthracite matt, with 2 knock out openings	**1033 16 06**	10
aluminium matt, lacquered, with 2 knock out openings	**1033 14 04**	10
Berker Q.1/Q.3		
polar white velvety	**1033 60 89**	10
anthracite velvety, lacquered	**1033 60 86**	10
Berker K.1/K.5		
polar white glossy	**1035 70 09**	10
anthracite matt, lacquered	**1035 70 06**	10
Aluminium, aluminium anodised	**1035 70 03**	10
Stainless steel, metal matt finish	**1035 70 04**	10
Berker Arsys		
white glossy	**1035 01 02**	10
polar white glossy	**1035 01 69**	10
brown glossy	**1035 01 01**	10
light bronze matt, aluminium lacquered	**1034 00 01**	10
Stainless steel, metal matt finish	**1034 00 04**	10
gold matt, aluminium anodised	**1034 00 02**	10
Berker R.1/R.3		
polar white glossy	**1038 20 89**	10
black glossy	**1038 20 45**	10











Central plate with TAE cut-out

- knock out

Caution!
Use only with intermediate ring for central plate from the corresponding range.

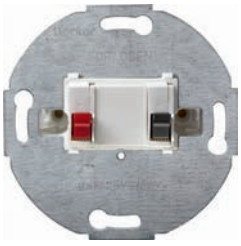
- labelling field latchable
- 1 knock out opening

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 169
230 V USB charging socket outlet	2600 0 ..	172
Modular UAE socket outlet 8/8pole unshielded, cat.6A iso	4584 ..	153

DESIGN	ORDER NO.	PU
white glossy	**1458 02**	10
polar white glossy	**1458 09**	10
brown glossy	**1458 01**	10

MULTIMEDIA

Audio socket outlets



Loudspeaker connection box

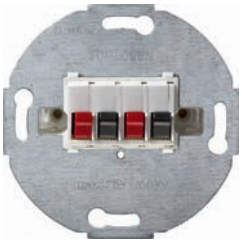
Rated voltage 60 V=
Conductor cross-section max. 10 mm²

- with plug-in terminals (on backside with screw terminals)

SUITABLE FOR	ORDER NO.	PAGE
Centre plate with TAE cut-out		page 173
Central plate with TAE cut-out		page 174
		page

i 951

DESIGN	ORDER NO.	PU
polar white matt	**4572 09**	10
anthracite matt	**4572 05**	10



Stereo loudspeaker connection box

Rated voltage 60 V=
Conductor cross-section max. 10 mm²

- with plug-in terminals (on backside with screw terminals)

SUITABLE FOR	ORDER NO.	PAGE
Centre plate with TAE cut-out		page 173
Central plate with TAE cut-out		page 174
		page

i 951

DESIGN	ORDER NO.	PU
polar white matt	**4573 09**	10
anthracite matt	**4573 05**	10



Centre plate with TAE cut-out

SUITABLE FOR	ORDER NO.	PAGE
Loudspeaker connection box	4572 ..	173
Stereo loudspeaker connection box	4573 ..	173
Modular UAE socket outlet 8/8pole unshielded, cat.6A iso	4584 ..	153

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1033 89 12**	10
polar white glossy	**1033 89 19**	10
polar white matt, with 2 knock out openings	**1033 19 09**	10
anthracite matt, with 2 knock out openings	**1033 16 06**	10
aluminium matt, lacquered, with 2 knock out openings	**1033 14 04**	10
Berker Q.1/Q.3		
polar white velvety	**1033 60 89**	10
anthracite velvety, lacquered	**1033 60 86**	10









DESIGN	ORDER NO.	PU
Berker K.1/K.5		
polar white glossy	**1035 70 09**	10
anthracite matt, lacquered	**1035 70 06**	10
Aluminium, aluminium anodised	**1035 70 03**	10
Stainless steel, metal matt finish	**1035 70 04**	10
Berker Arsys		
white glossy	**1035 01 02**	10
polar white glossy	**1035 01 69**	10
brown glossy	**1035 01 01**	10
light bronze matt, aluminium lacquered	**1034 00 01**	10
Stainless steel, metal matt finish	**1034 00 04**	10
gold matt, aluminium anodised	**1034 00 02**	10
Berker R.1/R.3		
polar white glossy	**1038 20 89**	10
black glossy	**1038 20 45**	10



Central plate with TAE cut-out

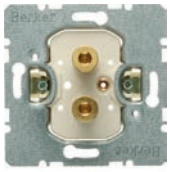
- knock out

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- labelling field latchable
- 1 knock out opening

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 169
Loudspeaker connection box	4572 ..	173
Stereo loudspeaker connection box	4573 ..	173
Modular UAE socket outlet 8/8pole unshielded, cat.6A iso	4584 ..	153

DESIGN	ORDER NO.	PU
white glossy	**1458 02**	10
polar white glossy	**1458 09**	10
brown glossy	**1458 01**	10



Loudspeaker socket outlet High End

Clamp transition resistance	< 0.1 mΩ
Connect transition resistance	< 0.15 mΩ
Conductor cross-section	max. 10 mm²
Insertion depth	31 mm

- with 2 metal cable lugs, gold-plated design
- banana sockets also suitable for screw connection
- with 2 metal banana sockets, gold-plated design
- with 2 metal banana plugs, gold-plated design

Recommendation: use deep box for larger cross-sections.

Jack and plug with red or black identification ring, as well as a plug connection are suitable for protection low voltage.

i 951

DESIGN	ORDER NO.	PU
Loudspeaker socket outlet High End	**4505 02**	10



Stereo loudspeaker socket outlet

Conductor cross-section	max. 2.5 mm²

- with 2 integral speaker sockets
- with screw terminals

For only 1 loudspeaker socket, use insert for miniature connector order no. 4505 and loudspeaker socket order no. 1800.

DIN EN 60130-9

i 951

DESIGN	ORDER NO.	PU
Stereo loudspeaker socket outlet	**4505 01**	10



Loudspeaker socket

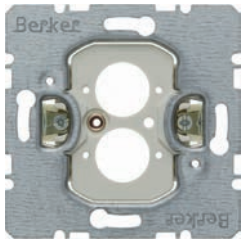
Conductor cross-section max. 2.5 mm²

DIN EN 60130-9

- for miniature connector insert
- with screw terminals

i 951

DESIGN	ORDER NO.	PU
black	**1800**	10



Entry for small connector

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

For flange cover with 22.2 mm hole pitch according to DIN 41529

- for 1 or 2 connectors
- for diode plug-in devices
- for miniature plug-in devices
- for loudspeaker sockets

MANUFACTURER: PRODUCT LINE	ART. NO.
Circular plug-in connector	
Cannon	
Conrad Electronic	
Dr. Ing. Sieger	
Farnell	
Hirschmann	
Lumberg	
Monacor	
RS Components	

DESIGN	ORDER NO.	PU
Entry for small connector	**4505**	10



Centre plate for loudspeaker socket outlet

- 1 knock out opening

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1196 89 82**	10
polar white glossy	**1196 89 89**	10
polar white matt	**1196 19 09**	10
anthracite matt	**1196 16 06**	10
aluminium matt, lacquered	**1196 14 04**	10



Berker Q.1/Q.3		
polar white velvety	**1196 60 89**	10
anthracite velvety, lacquered	**1196 60 86**	10



Berker K.1/K.5		
polar white glossy	**1184 70 09**	10
anthracite matt, lacquered	**1184 70 06**	10
Aluminium, aluminium anodised	**1184 70 03**	10
Stainless steel, metal matt finish	**1184 70 04**	10



Berker Arsys		
light bronze matt, aluminium lacquered	**1184 00 01**	10
Stainless steel, metal matt finish	**1184 00 04**	10
gold matt, aluminium anodised	**1184 00 02**	10



Berker R.1/R.3		
polar white glossy	**1196 20 89**	10
black glossy	**1196 20 45**	10



Centre plate for loudspeaker socket outlet

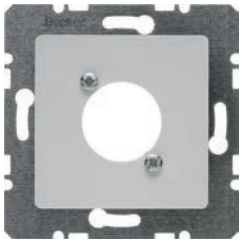
- Labelling field

Labelling field height arranged for P-touch strips 6 mm.

- 1 knock out opening

DESIGN	ORDER NO.	PU
Berker Arsys		
white glossy	**1185 00 02**	10
polar white glossy	**1185 00 69**	10
brown glossy	**1185 00 01**	10

Covers of external audio sockets



Central plate for XLR D-series connector

Cut-out Ø 23.6 mm
Screw spacing (horizontal/vertical) 19/24 mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with supporting plate
- speakon and jack connector
- Labelling field latchable in matching intermediate ring
- without spreader claws

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 169

MANUFACTURER: PRODUCT LINE	ART. NO.
Circular plug-in connector	
Cannon	
Deltron	
Farnell	
Hirose	
Monacor	
Neutrik	
RS Components	

DESIGN	ORDER NO.	PU
white glossy	**1412 02**	10
polar white glossy	**1412 09**	10
polar white matt/velvety	**1412 19 09**	10
anthracite matt	**1412 16 06**	10

Video socket outlets



VGA socket outlet

Frequency range video max. 160 MHz
Resolution max. 1280 x 1024 px

For connecting PCs, notebooks, etc. to display devices such as monitors (including LCD monitors) and projectors.

Installation recommendation:
Kaiser: “Electronic box” for compliance with the permissible bending radii, Art. No. 1068-02 or 9062-74
Fränkische: “Multimedia tube” for laying pre-assembled connection cable, Art. no. 294.10.092

Comply with the instructions of the cable and device manufacturers as to the maximum VGA cable length.

- S-VGA compatible
- with 15pole D-subminiature double jack
- without spreader claws

i 948

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**33 1540 89 82**	10
polar white glossy	**33 1540 89 89**	10
polar white matt	**33 1540 19 09**	10
anthracite matt	**33 1540 16 06**	10
aluminium matt, lacquered	**33 1540 14 04**	10
Berker Q.1/Q.3		
polar white velvety	**33 1540 60 89**	10
anthracite velvety, lacquered	**33 1540 60 86**	10

VGA







DESIGN	ORDER NO.	PU
Berker K.1/K.5		
polar white glossy	**33 1540 70 09**	10
anthracite matt, lacquered	**33 1540 70 06**	10
aluminium matt, lacquered	**33 1540 70 03**	10
stainless steel matt, lacquered	**33 1540 70 04**	10
Berker Arsys		
white glossy	**33 1540 00 02**	10
polar white glossy	**33 1540 00 69**	10
light bronze matt, lacquered	**33 1540 90 11**	10
stainless steel matt, lacquered	**33 1540 90 04**	10
Berker R.1/R.3		
polar white glossy	**33 1540 20 89**	10
black glossy	**33 1540 20 45**	10



VGA socket outlet

- Screw-in lift terminals

Frequency range video	max. 160 MHz
Resolution	max. 1280 x 1024 px
Conductor cross-section	max. 1.5 mm²

- S-VGA compatible
- with 15pole D-subminiature jack (front)
- without spreader claws
- with screw-in lift terminals for connection to 15-core VGA cable

i 948

For connecting PCs, notebooks, etc. to display devices such as monitors (including LCD monitors) and projectors.

Installation recommendation:
Kaiser: “Electronic box” for compliance with the permissible bending radii, Art. No. 1068-02 or 9062-74
Fränkische: “Multimedia tube” for laying pre-assembled connection cable, Art. no. 294.10.092

Comply with the instructions of the cable and device manufacturers as to the maximum VGA cable length.

VGA





DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**33 1541 89 82**	10
polar white glossy	**33 1541 89 89**	10
polar white matt	**33 1541 19 09**	10
anthracite matt	**33 1541 16 06**	10
aluminium matt, lacquered	**33 1541 14 04**	10
Berker Q.1/Q.3		
polar white velvety	**33 1541 60 89**	10
anthracite velvety, lacquered	**33 1541 60 86**	10
Berker K.1/K.5		
polar white glossy	**33 1541 70 09**	10
anthracite matt, lacquered	**33 1541 70 06**	10
aluminium matt, lacquered	**33 1541 70 03**	10
stainless steel matt, lacquered	**33 1541 70 04**	10
Berker Arsys		
white glossy	**33 1541 00 02**	10
polar white glossy	**33 1541 00 69**	10
light bronze matt, lacquered	**33 1541 90 11**	10
stainless steel matt, lacquered	**33 1541 90 04**	10



DESIGN	ORDER NO.	PU
Berker R.1/R.3		
polar white glossy	**33 1541 20 89**	10
black glossy	**33 1541 20 45**	10

Multimedia sockets



3 x Cinch/S-Video socket outlet

Frequency range audio 20 ... 20000 Hz
Frequency range video max. 160 MHz

for connecting analogue audio and video devices such as receivers, hi-fi systems and DVD players.

Installation recommendation:
Kaiser: “Electronic box” for compliance with the permissible bending radii, Art. No. 1068-02 or 9062-74
Fränkische: “Multimedia tube” for laying pre-assembled connection cable, Art. no. 294.10.092

- gold-plated contacts
- 1 cinch double jack for video connection (yellow)
- 2 cinch double jacks for audio connection (red, white)
- S-Video double jack
- without spreader claws

i 951











DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**33 1532 89 82**	10
polar white glossy	**33 1532 89 89**	10
polar white matt	**33 1532 19 09**	10
anthracite matt	**33 1532 16 06**	10
aluminium matt, lacquered	**33 1532 14 04**	10
Berker Q.1/Q.3		
polar white velvety	**33 1532 60 89**	10
anthracite velvety, lacquered	**33 1532 60 86**	10
Berker K.1/K.5		
polar white glossy	**33 1532 70 09**	10
anthracite matt, lacquered	**33 1532 70 06**	10
aluminium matt, lacquered	**33 1532 70 03**	10
stainless steel matt, lacquered	**33 1532 70 04**	10
Berker Arsys		
white glossy	**33 1532 00 02**	10
polar white glossy	**33 1532 00 69**	10
light bronze matt, lacquered	**33 1532 90 11**	10
stainless steel matt, lacquered	**33 1532 90 04**	10
Berker R.1/R.3		
polar white glossy	**33 1532 20 89**	10
black glossy	**33 1532 20 45**	10



High definition socket outlet

Frequency range (vertical)	50 ... 85 Hz
Video bandwidth	max. 165 MHz
Resolution	max. 1920 x 1080 px
Transmission rate	max. 8.16 Gbit/s

- gold-plated contacts
- with HDMI™ double jack type A, supports HDMI™ technology (V 1.3 with Deep Color)
- without spreader claws

i 951

For the connection of digital devices for transmission of high-resolution audio and video signals, such as satellite receivers and DVD players, to LCD or plasma screens.

Installation recommendation:
Kaiser: “Electronic box” for compliance with the permissible bending radii, Art. No. 1068-02 or 9062-74

Fränkische: “Multimedia tube” for laying pre-assembled connection cable, Art. no. 294.10.092

Comply with the instructions of the cable and device manufacturers as to the maximum HDMI cable length.

HDMI









DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**33 1542 89 82**	1
polar white glossy	**33 1542 89 89**	1
polar white matt	**33 1542 19 09**	1
anthracite matt	**33 1542 16 06**	1
aluminium matt, lacquered	**33 1542 14 04**	1
Berker Q.1/Q.3		
polar white velvety	**33 1542 60 89**	1
anthracite velvety, lacquered	**33 1542 60 86**	1
Berker K.1/K.5		
polar white glossy	**33 1542 70 09**	1
anthracite matt, lacquered	**33 1542 70 06**	1
aluminium matt, lacquered	**33 1542 70 03**	10
stainless steel matt, lacquered	**33 1542 70 04**	1
Berker Arsys		
white glossy	**33 1542 00 02**	1
polar white glossy	**33 1542 00 69**	1
light bronze matt, lacquered	**33 1542 90 11**	1
stainless steel matt, lacquered	**33 1542 90 04**	1
Berker R.1/R.3		
polar white glossy	**33 1542 20 89**	10
black glossy	**33 1542 20 45**	10



High definition socket outlet with 90° plug connection

Frequency range (vertical)	50 ... 85 Hz
Video bandwidth	max. 165 MHz
Resolution	max. 1920 x 1080 px
Transmission rate	max. 8.16 Gbit/s

- gold-plated contacts
- with HDMI™ double jack type A, supports HDMI™ technology (V 1.3 with Deep Color)
- without spreader claws

i 951

For the connection of digital devices for transmission of high-resolution audio and video signals, such as satellite receivers and DVD players, to LCD or plasma screens.

Installation recommendation:
Kaiser: “Electronic box” for compliance with the permissible bending radii, Art. No. 1068-02 or 9062-74

Fränkische: “Multimedia tube” for laying pre-assembled connection cable, Art. no. 294.10.092

Comply with the instructions of the cable and device manufacturers as to the maximum HDMI cable length.



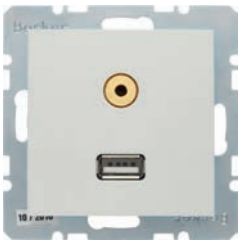








DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**33 1543 89 82**	10
polar white glossy	**33 1543 89 89**	10
polar white matt	**33 1543 19 09**	10
anthracite matt	**33 1543 16 06**	10
aluminium matt, lacquered	**33 1543 14 04**	10
Berker Q.1/Q.3		
polar white velvety	**33 1543 60 89**	10
anthracite velvety, lacquered	**33 1543 60 86**	10
Berker K.1/K.5		
polar white glossy	**33 1543 70 09**	10
anthracite matt, lacquered	**33 1543 70 06**	10
aluminium matt, lacquered	**33 1543 70 03**	10
stainless steel matt, lacquered	**33 1543 70 04**	10
Berker Arsys		
white glossy	**33 1543 00 02**	10
polar white glossy	**33 1543 00 69**	10
light bronze matt, lacquered	**33 1543 90 11**	10
stainless steel matt, lacquered	**33 1543 90 04**	10
Berker R.1/R.3		
polar white glossy	**33 1543 20 89**	10
black glossy	**33 1543 20 45**	10



USB/3.5 mm audio socket outlet

Frequency range audio	20 ... 20000 Hz
USB transmission rate	max. 480 Mbit/s

- double jack gold-plated 3.5 mm, stereo
- USB double jack type A, USB 2.0 capable
- without spreader claws

For connecting mobile devices, such as mobile phones or MP3 players (mini audio), digital cameras and computer peripherals (USB 2.0).

Installation recommendation:
Kaiser: “Electronic box” for compliance with the permissible bending radii, Art. No. 1068-02 or 9062-74

Fränkische: “Multimedia tube” for laying pre-assembled connection cable, Art. no. 294.10.092

Observe the instructions of the cable and device manufacturers for maximum USB cable lengths!

i 951







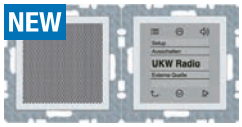




DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**33 1539 89 82**	10
polar white glossy	**33 1539 89 89**	10
polar white matt	**33 1539 19 09**	10
anthracite matt	**33 1539 16 06**	10
aluminium matt, lacquered	**33 1539 14 04**	10
Berker Q.1/Q.3		
polar white velvety	**33 1539 60 89**	10
anthracite velvety, lacquered	**33 1539 60 86**	10
Berker K.1/K.5		
polar white glossy	**33 1539 70 09**	10
anthracite matt, lacquered	**33 1539 70 06**	10
aluminium matt, lacquered	**33 1539 70 03**	10
stainless steel matt, lacquered	**33 1539 70 04**	10
Berker Arsys		
white glossy	**33 1539 00 02**	10
polar white glossy	**33 1539 00 69**	10
light bronze matt, lacquered	**33 1539 90 11**	10
stainless steel matt, lacquered	**33 1539 90 04**	10
Berker R.1/R.3		
polar white glossy	**33 1539 20 89**	10
black glossy	**33 1539 20 45**	10

CONSUMER ELECTRONICS

Radios



Berker Radio Touch

- Loudspeaker

Operating voltage	230 V~
Frequency	50/60 Hz
Conductor cross-section (mains supply)	max. 2.5 mm²
Conductor cross-section (loudspeakers)	max. 1.5 mm²
For loudspeakers	per channel 4 ... 8 Ω
Frequency range (radio reception)	87.5 ... 108 MHz
Dimensions of display (W x H)	35 x 28 mm
Insertion depth	33 mm

- stereo FM radio with RDS display
- with one loudspeaker
- illuminated touch graphics display
- time and date display
- operation via sensor areas of the touch display
- manual and automatic station search
- 8 station memory, non-volatile
- switch-on with last station
- countdown
- volume control
- sleep timer
- alarm clock with snooze alarm
- external audio input, e.g. for MP3 player or docking station
- with 2 loudspeaker connections
- extension unit input for separate on/off switching
- single and combination installation
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Loudspeakers		page 183
Docking station	2883 ..	185









DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
polar white glossy	**2880 89 89**	1
polar white matt	**2880 99 09**	1
anthracite matt	* **2880 16 06**	1
aluminium matt, lacquered	* **2880 14 04**	1
stainless steel matt, lacquered	**2880 89 16**	1
Berker Q.1/Q.3		
polar white velvety	**2880 60 89**	1
anthracite velvely, lacquered	* **2880 60 86**	1
Berker K.1/K.5		
polar white glossy	**2880 70 09**	1
anthracite matt, lacquered	* **2880 70 06**	1
aluminium matt, lacquered	**2880 70 03**	1
stainless steel matt, lacquered	**2880 70 04**	1
Berker Arsys		
polar white glossy	**2880 00 69**	1
stainless steel matt, lacquered	**2880 00 04**	1



Berker Radio Touch

Operating voltage	230 V~
Frequency	50/60 Hz
Conductor cross-section (mains supply)	max. 2.5 mm²
Conductor cross-section (loudspeakers)	max. 1.5 mm²
For loudspeakers	per channel 4 ... 8 Ω
Frequency range (radio reception)	87.5 ... 108 MHz
Dimensions of display (W x H)	35 x 28 mm
Insertion depth	33 mm

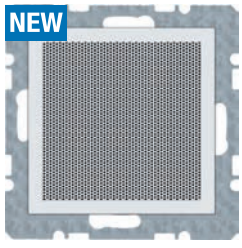
At least one loudspeaker must be connected for operation.

- stereo FM radio with RDS display
- illuminated touch graphics display
- time and date display
- operation via sensor areas of the touch display
- manual and automatic station search
- 8 station memory, non-volatile
- switch-on with last station
- countdown
- volume control
- sleep timer
- alarm clock with snooze alarm
- external audio input, e.g. for MP3 player or docking station
- with 2 loudspeaker connections
- extension unit input for separate on/off switching
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Loudspeakers		page 183
optional		
Docking station	2883 ..	185

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
polar white glossy	* **2884 89 89**	1
polar white matt	* **2884 99 09**	1
anthracite matt	* **2884 16 06**	1
aluminium matt, lacquered	* **2884 14 04**	1
Berker Q.1/Q.3		
polar white velvety	* **2884 60 89**	1
anthracite velvely, lacquered	* **2884 60 86**	1
Berker K.1/K.5		
polar white glossy	* **2884 70 09**	1
anthracite matt, lacquered	* **2884 70 06**	1
aluminium matt, lacquered	* **2884 70 03**	1
stainless steel matt, lacquered	* **2884 70 04**	1
Berker Arsys		
polar white glossy	* **2884 00 69**	1
stainless steel matt, lacquered	* **2884 00 04**	1

Loudspeakers



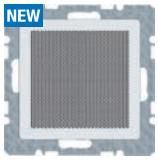
Loudspeaker

Impedance	4 Ω
Nominal/music power handling	3/4 W
Frequency response (-3 dB)	170 ... 18000 Hz
Conductor cross-section (flexible)	0.5 mm²
Pre-assembled cable	≈ 25 cm
Insertion depth	35 mm

- without spreader claws
- confectioned, with 2-core, double-insulated, flexible cable

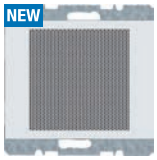
SUITABLE FOR	ORDER NO.	PAGE
Radios		page 182
Docking station	2883 ..	185

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
polar white glossy	**2882 89 89**	1
polar white matt	**2882 99 09**	1
anthracite matt	* **2882 16 06**	1
aluminium matt, lacquered	* **2882 14 04**	1
stainless steel matt, lacquered	**2882 89 16**	1



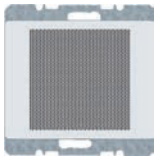
Berker Q.1/Q.3

polar white velvety	**2882 60 89**	1
anthracite velvely, lacquered	* **2882 60 86**	1



Berker K.1/K.5

polar white glossy	**2882 70 09**	1
anthracite matt, lacquered	* **2882 70 06**	1
aluminium matt, lacquered	**2882 70 03**	1
stainless steel matt, lacquered	**2882 70 04**	1



Berker Arsys

polar white glossy	**2882 00 69**	1
stainless steel matt, lacquered	**2882 00 04**	1



Ceiling loudspeaker Ø 140 mm

Impedance	8 Ω
Nominal/music power handling	6/8 W
Frequency response (-3 dB)	170 ... 22000 Hz
Sound pressure level 1 W/1 m	87 dB
Sound pressure level at rated power	95 dB
Conductor cross-section (flexible)	max. 2.5 mm²
Insertion depth	91 mm
Installation opening Ø	116 mm

- with strain relief
- with membrane impregnated against humidity
- with spring mechanism for ceiling installation

SUITABLE FOR	ORDER NO.	PAGE
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Docking station	2883 ..	185

Suitable installation housings available from Kaiser and Spelsberg.

DESIGN	ORDER NO.	PU
white	* **2885 00 01**	2



Ceiling loudspeaker Ø 80 mm

Impedance	20 Ω
Nominal/music power handling	3/4 W
Frequency response (-3 dB)	200 ... 16000 Hz
Sound pressure level 1 W/1 m	82 dB
Sound pressure level at rated power	87 dB
Conductor cross-section (flexible)	max. 0.75 mm²
Insertion depth	27 mm
Installation opening Ø	68 mm

- with spring mechanism for ceiling installation

SUITABLE FOR	ORDER NO.	PAGE
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Docking station	2883 ..	185

When using with Radio Touch, we recommend parallel connection of at least two ceiling loudspeakers Ø 80 mm per channel, e.g. 2 loudspeakers connected in parallel for mono operation or 2 x 2 loudspeakers connected in parallel for stereo operation.

DESIGN	ORDER NO.	PU
white	* **2885 00 00**	1

Docking stations



Docking station

Operating voltage	230 V~
Frequency	50/60 Hz
Output voltage	max. 3.5 V
Number of loudspeakers (4 Ω)	1
Number of loudspeakers (8 Ω)	2
Number of loudspeakers (20 Ω)	5
Insertion depth	36 mm

- with 30-pole plug connector for iPhone* up to version 4S and iPod* Touch with the same interface
- buttons for volume control
- storage battery charging function for iPod and iPhone*
- AUX input mini stereo jack for audio source (line or headphones output), e.g. MP3 player
- stereo Line-Out for connection to the radio touch
- without spreader claws
- with screw terminals

Appropriate adapters must be used for iPhones* from Version 5 and higher.

Similar to illustration

* iPod and iPhone are registered trademarks of Apple Inc.

SUITABLE FOR	ORDER NO.	PAGE
Radios		page 182
Loudspeakers		page 183



DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
polar white glossy	# **2883 89 89**	1
polar white matt	# **2883 99 09**	1
stainless steel matt, lacquered	# **2883 89 16**	1
Berker Q.1/Q.3		
polar white velvety	# **2883 60 89**	1
Berker K.1/K.5		
polar white glossy	# **2883 70 09**	1
aluminium matt, lacquered	# **2883 70 03**	1
stainless steel matt, lacquered	# **2883 70 04**	1
Berker Arsys		
polar white glossy	# **2883 00 69**	1
stainless steel matt, lacquered	# **2883 00 14**	1



Berker

SCHUKO SOCKET OUTLETS	188-195
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INTERNATIONAL SOCKET OUTLET SYSTEMS	197-201
PUSH-BUTTONS	201
COVERS FOR SWITCHES/PUSH-BUTTONS	202-205
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Variety was never easier to obtain. You can combine all the rockers, central inserts and frames of the switch programmes S.1, B.3 and B.7 however you desire. We'll be showing you the whole range of options on the following pages. Have fun selecting and combining!

■ Reduced stockholding due to use of rockers and central inserts from the S.1, B.3, B.7 design lines

COVERS/CENTRAL INSERTS

Plastic, matt	
Polar white	similar to RAL 9010
Anthracite	similar to RAL 7021
Aluminium, lacquered	similar to RAL 9006
Red	similar to RAL 3003
Green	similar to RAL 6029
Orange	similar to RAL 2003
Yellow	similar to RAL 1004

Plastic, glossy	
White	similar to RAL 1013
Polar white	similar to RAL 9010
Red	similar to RAL 3003
Green	similar to RAL 6029
Orange	similar to RAL 2003
Yellow	similar to RAL 1004

SCHUKO SOCKET OUTLETS

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1

SCHUKO socket outlets



SCHUKO socket outlet

Rated voltage 250 V~
Rated current 16 A

- with plug-in terminals

i 882

DESIGN	ORDER NO.	PU
white glossy	**4743 89 82**	10
polar white glossy	**4743 89 89**	10
polar white matt	**4743 19 09**	10
anthracite matt	**4743 16 06**	10
aluminium matt, lacquered	**4743 14 04**	10



SCHUKO socket outlet
- enhanced contact protection

- with plug-in terminals

i 882

Rated voltage 250 V~
Rated current 16 A

DESIGN	ORDER NO.	PU
white glossy	**4723 89 82**	10
polar white glossy	**4723 89 89**	10
polar white matt	**4723 19 09**	10
anthracite matt	**4723 16 06**	10
aluminium matt, lacquered	**4723 14 04**	10



SCHUKO socket outlet
- Screw-in lift terminals

- with screw-in lift terminals

i 882

Rated voltage 250 V~
Rated current 16 A

DESIGN	ORDER NO.	PU
white glossy	**4143 89 82**	10
polar white glossy	**4143 89 89**	10
polar white matt	**4143 19 09**	10
anthracite matt	**4143 16 06**	10
aluminium matt, lacquered	**4143 14 04**	10



SCHUKO socket outlet
- enhanced contact protection
- Screw-in lift terminals

- with screw-in lift terminals

i 882

Rated voltage 250 V~
Rated current 16 A

DESIGN	ORDER NO.	PU
white glossy	**4123 89 82**	10
polar white glossy	**4123 89 89**	10
polar white matt	**4123 19 09**	10
anthracite matt	**4123 16 06**	10
aluminium matt, lacquered	**4123 14 04**	10



SCHUKO socket outlet

- Labelling field

- with plug-in terminals

i 882

Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
white glossy	**4750 89 82**	10
polar white glossy	**4750 89 89**	10
polar white matt	**4750 19 09**	10
anthracite matt	**4750 16 06**	10
aluminium matt, lacquered	**4750 14 04**	10



SCHUKO socket outlet

- Labelling field
- enhanced contact protection

- with plug-in terminals

i 882

Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
white glossy	**4749 89 82**	10
polar white glossy	**4749 89 89**	10
polar white matt	**4749 19 09**	10
anthracite matt	**4749 16 06**	10
aluminium matt, lacquered	**4749 14 04**	10



SCHUKO socket outlet

- Labelling field
- enhanced contact protection
- Screw-in lift terminals

- with screw-in lift terminals

i 882

Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
white glossy	**4149 89 82**	10
polar white glossy	**4149 89 89**	10
polar white matt	**4149 19 09**	10
anthracite matt	**4149 16 06**	10
aluminium matt, lacquered	**4149 14 04**	10



SCHUKO socket outlet 45°

Rated voltage 250 V~
Rated current 16 A

- for diagonal installation
- with plug-in terminals

Specially suited to combinations of several socket outlets if right angle plugs are used.

i 882

DESIGN	ORDER NO.	PU
white glossy	**4727 89 82**	10
polar white glossy	**4727 89 89**	10
polar white matt	**4727 19 09**	10
anthracite matt	**4727 16 06**	10
aluminium matt, lacquered	**4727 14 04**	10



SCHUKO socket outlet with LED orientation light

- enhanced contact protection
- Screw-in lift terminals

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Power consumption	0,25 W/0,35 VA
Switch-off brightness	ca. 4 lx
Light intensity (white)	0.2 cd
Switch-on brightness	ca. 2 lx
Conductor cross-section (rigid)	max. 2.5 mm²

Caution!
Items with special flush-mounted insert.
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

- additional benefit by combination of a socket outlet with an orientation light
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- with screw-in lift terminals
- long service life of the LED
- white LED light
- through-wiring possible, therefore also ideal for retrofitting

i 882

DESIGN	ORDER NO.	PU
white glossy	**4109 89 82**	10
polar white glossy	**4109 89 89**	10
polar white matt	**4109 19 09**	10
anthracite matt, lacquered	**4109 16 06**	10
aluminium matt, lacquered	**4109 14 04**	10



SCHUKO socket outlet with control LED

- Labelling field
- enhanced contact protection
- Screw-in lift terminals

Rated voltage	250 V~
Rated current	16 A

Labelling field height arranged for P-touch strips 6 mm.

- with screw-in lift terminals

i 882

DESIGN	ORDER NO.	PU
white glossy	**4110 89 82**	10
polar white glossy	**4110 89 89**	10
polar white matt	**4110 19 09**	10

NEW



SCHUKO socket outlet with cover plate

Rated voltage	250 V~
Rated current	16 A

- with plug-in terminals

i 882

DESIGN	ORDER NO.	PU
Berker S.1		
white glossy	**4742 89 82**	10
polar white glossy	**4742 89 89**	10
polar white matt	**4742 99 09**	10
anthracite matt	* **4742 99 49**	10
aluminium matt, lacquered	* **4742 99 39**	10

NEW



SCHUKO socket outlet with cover plate

- enhanced contact protection

■ with plug-in terminals

i 882

Rated voltage	250 V~
Rated current	16 A

DESIGN	ORDER NO.	PU
Berker S.1		
white glossy	**4722 89 82**	10
polar white glossy	**4722 89 89**	10
polar white matt	**4722 99 09**	10
anthracite matt	* **4722 99 49**	10
aluminium matt, lacquered	* **4722 99 39**	10

NEW



Double SCHUKO socket outlet with cover plate

Rated voltage	250 V~
Rated current	16 A
Assembling height	22 mm

■ with plug-in terminals

i 882

For installation in 1gang wall boxes according to DIN 49073-1

DESIGN	ORDER NO.	PU
Berker S.1		
white glossy	**4754 89 82**	10
polar white glossy	**4754 89 89**	10
polar white matt	**4754 99 09**	10
anthracite matt	* **4754 99 49**	10
aluminium matt, lacquered	* **4754 99 39**	10

NEW



Double SCHUKO socket outlet with cover plate

- enhanced contact protection

■ with plug-in terminals

i 882

Rated voltage	250 V~
Rated current	16 A
Assembling height	22 mm

For installation in 1gang wall boxes according to DIN 49073-1

DESIGN	ORDER NO.	PU
Berker S.1		
white glossy	**4729 89 82**	10
polar white glossy	**4729 89 89**	10
polar white matt	**4729 99 09**	10
anthracite matt	* **4729 99 49**	10
aluminium matt, lacquered	* **4729 99 39**	10

S.1/B.



Combination SCHUKO socket outlet 2gang with frame

Rated voltage	250 V~
Rated current	16 A

- without spreader claws
- with plug-in terminals
- 2 x 1gang, wired-through

For installation in cable duct wall boxes and in standard, commercially-available 2gang hollow wall boxes, also in 2gang flush-mounted boxes.

i 882

DESIGN	ORDER NO.	PU
Berker S.1		
white glossy	**4720 89 82**	5
polar white glossy	**4720 89 89**	5
polar white matt	**4720 99 09**	5
anthracite matt	* **4720 99 49**	5
aluminium matt, lacquered	* **4720 99 39**	5





3gang SCHUKO socket outlet with cover plate

Rated voltage	250 V~
Rated current	16 A
Installation time	≈ 2 min
Conductor cross-section	2.5 mm²
Pre-assembled cables	≈ 1 m

- without spreader claws
- without wall box
- with plug-in terminals
- common base, connected-through
- through-wiring possible

For installation in cable duct wall boxes and in standard, commercially-available 2gang hollow wall boxes, also in 2gang flush-mounted boxes.

i 882

DESIGN	ORDER NO.	PU
Berker S.1		
polar white matt	**4766 19 09**	5
anthracite matt	* **4766 19 49**	5
aluminium matt, lacquered	* **4766 19 39**	5



SCHUKO socket outlets with hinged cover



SCHUKO socket outlet with hinged cover

Rated voltage	250 V~
Rated current	16 A

- with imprint
- with plug-in terminals

i 882

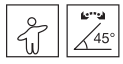
DESIGN	ORDER NO.	PU
white glossy	**4751 89 82**	10
polar white glossy	**4751 89 89**	10
polar white matt	**4751 19 09**	10





SCHUKO socket outlet with hinged cover

- **enhanced contact protection**
- **Installation position variable in 45° steps**



Rated voltage	250 V~
Rated current	16 A

- when opening hinged cover, it can be arrested in end position
- with imprint
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals

i 882

Specially suited to combinations of several socket outlets if right angle plugs are used.

DESIGN	ORDER NO.	PU
white glossy	**4744 89 82**	10
polar white glossy	**4744 89 89**	10
polar white matt	**4744 19 09**	10
anthracite matt	**4744 16 06**	10
aluminium matt, lacquered	**4744 14 04**	10





SCHUKO socket outlet with hinged cover

- Labelling field
- enhanced contact protection
- Installation position variable in 45° steps

- when opening hinged cover, it can be arrested in end position
- with imprint
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals

i 882

Rated voltage 250 V~
Rated current 16 A

Specially suited to combinations of several socket outlets if right angle plugs are used.

Labelling field height designed for 6 mm P-touch strips.

DESIGN	ORDER NO.	PU
white glossy	**4746 89 82**	10
polar white glossy	**4746 89 89**	10
polar white matt	**4746 19 09**	10
anthracite matt	**4746 16 06**	10
aluminium matt, lacquered	**4746 14 04**	10

SCHUKO socket outlets for special applications



SCHUKO socket outlet

Rated voltage 250 V~
Rated current 16 A

- with plug-in terminals

i 882

Insert colour-coded.

DESIGN	ORDER NO.	PU
red glossy	**4743 89 12**	10
green glossy	**4743 89 13**	10
orange glossy	**4743 89 14**	10
red matt	**4743 19 12**	10
green matt	**4743 19 13**	10
orange matt	**4743 19 14**	10



SCHUKO socket outlet

- enhanced contact protection

- with plug-in terminals

i 882

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

DESIGN	ORDER NO.	PU
orange glossy	**4723 89 14**	10
orange matt	**4723 19 14**	10



SCHUKO socket outlet

- Screw-in lift terminals

- with screw-in lift terminals

i 882

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

DESIGN	ORDER NO.	PU
red glossy	**4143 89 12**	10
green glossy	**4143 89 13**	10
orange glossy	**4143 89 14**	10
red matt	**4143 19 12**	10
green matt	**4143 19 13**	10
orange matt	**4143 19 14**	10



SCHUKO socket outlet with imprint

Rated voltage 250 V~
Rated current 16 A

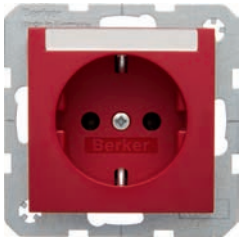
- with plug-in terminals

i 882

Insert colour-coded.

Labelling field height designed for 6 mm P-touch strips.

DESIGN	ORDER NO.	PU
red glossy, Imprint “EDV”	**4743 89 22**	10
green glossy, Imprint “SV”	**4743 89 03**	10
orange glossy, Imprint “ZSV”	**4743 89 07**	10
red matt, Imprint “EDV”	**4743 19 22**	10
green matt, Imprint “SV”	**4743 19 03**	10
orange matt, Imprint “ZSV”	**4743 19 07**	10



SCHUKO socket outlet

- Labelling field

- with plug-in terminals

i 882

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

Labelling field height designed for 6 mm P-touch strips.

DESIGN	ORDER NO.	PU
red glossy	**4750 89 02**	10
green glossy	**4750 89 03**	10
orange glossy	**4750 89 07**	10
red matt	**4750 19 02**	10
green matt	**4750 19 03**	10
orange matt	**4750 19 07**	10



SCHUKO socket outlet with imprint

- Labelling field

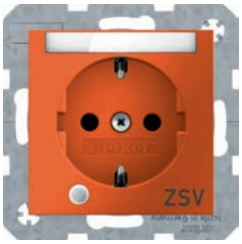
- with plug-in terminals

i 882

Rated voltage	250 V~
Rated current	16 A

Insert colour-coded.
Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
red glossy, Imprint “EDV”	**4750 89 15**	10
green glossy, Imprint “SV”	**4750 89 13**	10
orange glossy, Imprint “ZSV”	**4750 89 14**	10
red matt, Imprint “EDV”	**4750 19 15**	10
green matt, Imprint “SV”	**4750 19 13**	10
orange matt, Imprint “ZSV”	**4750 19 14**	10



SCHUKO socket outlet with control LED and imprint

- Labelling field
- enhanced contact protection
- Screw-in lift terminals

- with screw-in lift terminals

i 882

Rated voltage	250 V~
Rated current	16 A

Insert colour-coded.
Labelling field height arranged for P-touch strips 6 mm.
Execution SV, ZSV according to VDE 0100-710

DESIGN	ORDER NO.	PU
red glossy, Imprint “EDV”	**4110 89 15**	10
green glossy, Imprint “SV”	**4110 89 13**	10
orange glossy, Imprint “ZSV”	**4110 89 14**	10
red matt, Imprint “EDV”	**4110 19 15**	10
green matt, Imprint “SV”	**4110 19 13**	10
orange matt, Imprint “ZSV”	**4110 19 14**	10

FLUSH-MOUNTED SAFETY DEVICES

SCHUKO socket outlets with safety device



SCHUKO socket outlet with overvoltage protection

- Labelling field
- Screw terminals

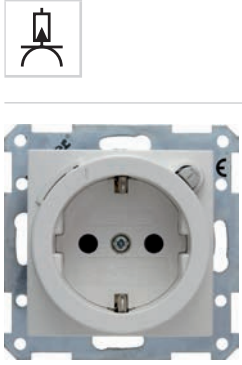
- with imprint
- with indicator LED for “on/error”
- with screw terminals
- with acoustic fault signal

i 945

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Insertion depth	32 mm

Labelling field height arranged for P-touch strips 6 mm.
Connection terminals according to IEC 60884-1
Overvoltage protection according to EN 61643 and VDE 0675-6-11

DESIGN	ORDER NO.	PU
white glossy	**4108 89 82**	1
polar white glossy	**4108 89 89**	1
polar white matt	**4108 19 09**	1
anthracite matt	**4108 16 06**	1
aluminium matt, lacquered	**4108 14 04**	1
red glossy	**4108 89 62**	1
red matt	**4108 19 62**	1



SCHUKO socket outlet with residual current circuit-breaker

- enhanced contact protection

- type A for alternating currents and pulsating direct currents
- with plug-in terminals
- to protect connected and downstream loads

i 944

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Measurement error current	30 mA
Surge current resistance	250 A (8/20) µs
Short-circuit resistance (with back-up fuse 20 AgL)	3 kA
Trigger time	≤ 30 ms

Through-wired socket outlets are also protected.
Connection terminals according to IEC 60884-1
Tested conform VDE 0664 (EN 61008)

DESIGN	ORDER NO.	PU
white glossy	**4708 89 82**	1
polar white glossy	**4708 89 89**	1
polar white matt	**4708 19 09**	1

Covers for protection switch



50 x 50 mm centre plate for RCD protection switch

Caution!
Use only with adapter ring for centre plate 50 x 50 mm from the corresponding range.

SUITABLE FOR	ORDER NO.	PAGE
Adapter ring for centre plate 50 x 50 mm		page 226
Residual current circuit-breaker	2844	865

DESIGN	ORDER NO.	PU
white glossy	**1493 02**	1
polar white glossy	**1493 09**	1
polar white matt/velvety	**1493 19 09**	1
anthracite matt	**1493 16 06**	1
aluminium matt, lacquered	**1493 14 04**	1

INTERNATIONAL SOCKET OUTLET SYSTEMS

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1

Socket outlets without earthing contact



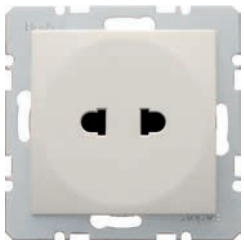
Socket outlet without earthing contact

Rated voltage 250 V~
Rated current 16 A
Mirror depth 8 mm

- without spreader claws
- 2pole
- with plug-in terminals

i 882

DESIGN	ORDER NO.	PU
white glossy	**61 6703 89 82**	10
polar white glossy	**61 6703 89 89**	10
polar white matt	**61 6703 19 09**	10



Socket outlet without earthing contact EURO-AMERICAN STANDARD

- enhanced contact protection

Rated voltage 250 V~
Rated current 10 A
Conductor cross-section (rigid) max. 4 mm²

- centre plate for plug-in fixing
- without spreader claws
- 2pole
- with screw terminals

i 882

Only for Asia.

DESIGN	ORDER NO.	PU
polar white matt	**33 4171 29 09**	10
anthracite matt	**33 4171 26 06**	10
aluminium matt, lacquered	**33 4171 24 04**	10



Socket outlet without earthing contact

- enhanced contact protection

Rated voltage 250 V~
Rated current 16 A
Mirror depth 8 mm

- without spreader claws
- 2pole
- with plug-in terminals

i 882

DESIGN	ORDER NO.	PU
polar white matt	**61 6733 19 09**	10
anthracite matt	**61 6733 16 06**	10
aluminium matt, lacquered	**61 6733 14 04**	10

Socket outlets with earthing pin



Socket outlet with earthing pin

- enhanced contact protection

Rated voltage 250 V~
Rated current 16 A
Mirror depth 14.5 mm

- 2pole + earth
- with plug-in terminals

i 882

DESIGN	ORDER NO.	PU
white glossy	**67 6876 89 82**	10
polar white glossy	**67 6876 89 89**	10
polar white matt	**67 6876 19 09**	10
anthracite matt	**67 6876 16 06**	10
aluminium matt, lacquered	**67 6876 14 04**	10



Socket outlet with earthing pin

- enhanced contact protection
- Screw-in lift terminals

- 2pole + earth
- with screw-in lift terminals

i 882

Rated voltage	250 V~
Rated current	16 A
Mirror depth	14.5 mm

DESIGN	ORDER NO.	PU
white glossy	**67 6576 89 82**	10
polar white glossy	**67 6576 89 89**	10
polar white matt	**67 6576 19 09**	10
anthracite matt	**67 6576 16 06**	10
aluminium matt, lacquered	**67 6576 14 04**	10



Socket outlet with earthing pin and LED orientation light

- enhanced contact protection
- Screw-in lift terminals

- additional benefit by combination of a socket outlet with an orientation light
- 2pole + earth
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- with screw-in lift terminals
- long service life of the LED
- white LED light
- through-wiring possible, therefore also ideal for retrofitting

i 882

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Power consumption	0,25 W/0,35 VA
Switch-off brightness	ca. 4 lx
Light intensity (white)	0.2 cd
Switch-on brightness	ca. 2 lx
Conductor cross-section (rigid)	max. 2.5 mm²

Caution!
Items with special flush-mounted insert.
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

DESIGN	ORDER NO.	PU
white glossy	**67 6510 89 82**	10
polar white glossy	**67 6510 89 89**	10
polar white matt	**67 6510 19 09**	10
anthracite matt	**67 6510 16 06**	10
aluminium matt	**67 6510 14 04**	10



Socket outlet with earth contact pin and monitoring LED

- enhanced contact protection
- Screw-in lift terminals

- 2pole + earth
- with screw-in lift terminals

i 882

Rated voltage	250 V~
Rated current	16 A

DESIGN	ORDER NO.	PU
white glossy	**67 6509 89 82**	10
polar white glossy	**67 6509 89 89**	10
polar white matt	**67 6509 19 09**	10

Socket outlets with earthing pin for special applications



Socket outlet with earthing pin
- enhanced contact protection

- 2pole + earth
- with plug-in terminals

i 882

Rated voltage	250 V~
Rated current	16 A
Mirror depth	14.5 mm

Insert colour-coded.

DESIGN	ORDER NO.	PU
red glossy	**67 6876 89 62**	10
green glossy	**67 6876 89 63**	10
red matt	**67 6876 00 62**	10
green matt	**67 6876 00 63**	10



Socket outlet with earthing pin
- enhanced contact protection
- Screw-in lift terminals

- 2pole + earth
- with screw-in lift terminals

i 882

Rated voltage	250 V~
Rated current	16 A
Mirror depth	14.5 mm

Insert colour-coded.

DESIGN	ORDER NO.	PU
red glossy	**67 6576 89 62**	10
green glossy	**67 6576 89 63**	10
red matt	**67 6576 00 62**	10
green matt	**67 6576 00 63**	10



Socket outlet with earth contact pin and monitoring LED
- enhanced contact protection
- Screw-in lift terminals

- 2pole + earth
- with screw-in lift terminals

i 882

Rated voltage	250 V~
Rated current	16 A

Insert colour-coded.

DESIGN	ORDER NO.	PU
red glossy	**67 6509 89 15**	10
green glossy	**67 6509 89 13**	10
orange glossy	**67 6509 89 14**	10
red matt	**67 6509 19 15**	10
green matt	**67 6509 19 13**	10
orange matt	**67 6509 19 14**	10

BRITISH STANDARD socket outlets



Socket outlet insert with earthing contact BRITISH STANDARD, can be switched off

- **enhanced contact protection**
- **Screw terminals**

- without spreader claws
- 2pole + earth
- with screw terminals

Rated voltage	250 V~
Rated current	13 A

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for socket outlets, British Standard, can be switched off		page 200

i 882

DESIGN	ORDER NO.	PU
white glossy	* **5342 02 12**	10
polar white glossy	* **5342 02 19**	10
anthracite matt	* **5342 02 16**	10



Centre plate for socket outlets, British Standard, can be switched off

SUITABLE FOR	ORDER NO.	PAGE
Socket outlet insert with earthing contact BRITISH STANDARD, can be switched off	5342 02 1 ..	200

DESIGN	ORDER NO.	PU
white glossy	**33 1307 89 82**	10
polar white glossy	**33 1307 89 89**	10
polar white matt	**33 1307 99 09**	10
anthracite matt	**33 1307 16 06**	10
aluminium matt, lacquered	**33 1307 14 04**	10

NEMA-socket outlets



Socket outlet with earthing contact USA/ CANADA NEMA 5-15 R

- **Screw terminals**

- without spreader claws
- 2pole + earth
- with screw terminals

Rated voltage	125 V~
Rated current	15 A
Conductor cross-section (rigid)	max. 2 x 4 mm²
Insertion depth	19 mm

i 882

Not UL-certified.
Standard NEMA 5-15 R

DESIGN	ORDER NO.	PU
white glossy	**4166 89 82**	10
polar white glossy	**4166 89 89**	10
polar white matt	**4166 19 09**	10





Socket outlet with earthing contact USA/ CANADA NEMA 5-20 R

- Screw terminals

- without spreader claws
- 2pole + earth
- with screw terminals

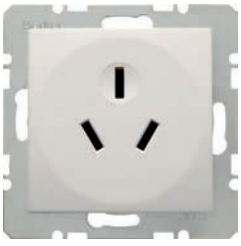
i 882

Rated voltage	125 V~
Rated current	20 A
Conductor cross-section (rigid)	max. 2 x 4 mm²
Insertion depth	19 mm

Not UL-certified.
Standard NEMA 5-20 R

DESIGN	ORDER NO.	PU
white glossy	**4168 89 82**	10
polar white glossy	**4168 89 89**	10
polar white matt, lacquered	**4168 19 09**	10

Socket outlets with earthing contact CHINA



Socket outlet with earthing contact CHINA 16 A

- enhanced contact protection
- Screw terminals

- centre plate for plug-in fixing
- without spreader claws
- 2pole + earth
- with screw terminals

Rated voltage	250 V~
Rated current	16 A
Conductor cross-section (rigid)	max. 4 mm²

Only for Asia.

DESIGN	ORDER NO.	PU
polar white matt	**33 4214 29 09**	10
anthracite matt	**33 4214 26 06**	10



Socket outlet with earthing contact CHINA 10 A

- enhanced contact protection
- Screw terminals

- centre plate for plug-in fixing
- without spreader claws
- 2pole + earth
- with screw terminals

Rated voltage	250 V~
Rated current	10 A
Conductor cross-section (rigid)	max. 4 mm²

Only for Asia.

DESIGN	ORDER NO.	PU
polar white matt	**33 4213 29 09**	10
anthracite matt	**33 4213 26 06**	10
aluminium matt, lacquered	**33 4213 24 04**	10

PUSH-BUTTONS



Push-button complete for stairway light

- Screw terminals

- without neon lamp
- NO contact
- with screw terminals
- with insert, frame, centre plate and red button

Rated voltage	250 V~
Momentary-contact current	2 A

SUITABLE FOR	ORDER NO.	PAGE
Neon lamp E10	1601	68

DESIGN	ORDER NO.	PU
white glossy	**5101 89 82**	10
polar white glossy	**5101 89 89**	10
polar white matt	**5101 99 09**	10

COVERS FOR SWITCHES/PUSH-BUTTONS

Rockers



Rocker

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20

DESIGN	ORDER NO.	PU
white glossy	**1620 89 82**	10
polar white glossy	**1620 89 89**	10
polar white matt	**1620 19 09**	10
anthracite matt	**1620 16 06**	10
aluminium matt, lacquered	**1620 14 04**	10



Rocker screw-on

- with cover plug for screw fitting

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20

DESIGN	ORDER NO.	PU
polar white matt	**1570 19 09**	10
anthracite matt	**1570 16 06**	10
aluminium matt, lacquered	**1570 14 04**	10



Rocker

- Labelling field



For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20

DESIGN	ORDER NO.	PU
white glossy	**1626 89 82**	10
polar white glossy	**1626 89 89**	10
polar white matt	**1626 19 09**	10
anthracite matt	**1626 16 06**	10
aluminium matt, lacquered	**1626 14 04**	10



Rocker

- Lens



Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20

DESIGN	ORDER NO.	PU
white glossy	**1621 89 82**	10
polar white glossy	**1621 89 89**	10
polar white matt	**1621 19 09**	10
anthracite matt	**1621 16 06**	10
aluminium matt, lacquered	**1621 14 04**	10



Rocker screw-on

- Lens



Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- for illumination and monitoring circuit
- with cover plug for screw fitting

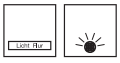
SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20

DESIGN	ORDER NO.	PU
polar white matt	**1572 19 09**	10
anthracite matt	**1572 16 06**	10
aluminium matt, lacquered	**1572 14 04**	10



Rocker

- Labelling field
- Lens



Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.
For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20

DESIGN	ORDER NO.	PU
white glossy	**1628 89 82**	10
polar white glossy	**1628 89 89**	10
polar white matt	**1628 19 09**	10
anthracite matt	**1628 16 06**	10
aluminium matt, lacquered	**1628 14 04**	10



Rocker

- Large labelling field
- Lens



Labelling field (W x H) ≈ 50.8 x 25.5 mm

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.
For labelling with names, notes etc.

Labelling field height designed for two 12 mm P-touch strips.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20

DESIGN	ORDER NO.	PU
white glossy	**1696 89 82**	10
polar white glossy	**1696 89 89**	10
polar white matt	**1696 19 09**	10
anthracite matt	**1696 16 06**	10
aluminium matt, lacquered	**1696 14 04**	10

Rockers for multi-pole rocker switches



Rocker with imprint “0”

SUITABLE FOR	ORDER NO.	PAGE
Multi-pole rocker switches		page 25

DESIGN	ORDER NO.	PU
white glossy	**1622 89 82**	10
polar white glossy	**1622 89 89**	10
polar white matt	**1622 19 09**	10
anthracite matt	**1622 16 06**	10
aluminium matt, lacquered	**1622 14 04**	10



Rocker with imprint “0”, srew-on

- with cover plug for screw fitting

SUITABLE FOR	ORDER NO.	PAGE
Multi-pole rocker switches		page 25

DESIGN	ORDER NO.	PU
polar white matt	**1573 19 09**	10
anthracite matt	**1573 16 06**	10
aluminium matt, lacquered	**1573 14 04**	10



Rocker with imprint “0”

- Red lens

- for illumination and monitoring circuit
- also for KNX applications: group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Multi-pole rocker switches		page 25

DESIGN	ORDER NO.	PU
white glossy	**1624 89 82**	10
polar white glossy	**1624 89 89**	10
polar white matt	**1624 19 09**	10
anthracite matt	**1624 16 06**	10
aluminium matt, lacquered	**1624 14 04**	10



Rocker with imprint “0”, srew-on

- Red lens

- for illumination and monitoring circuit
- with cover plug for screw fitting

SUITABLE FOR	ORDER NO.	PAGE
Multi-pole rocker switches		page 25

DESIGN	ORDER NO.	PU
polar white matt	**1577 19 09**	10
anthracite matt	**1577 16 06**	10
aluminium matt, lacquered	**1577 14 04**	10

Multiple Rockers



Rocker 2gang

- also for KNX applications: push-button, 2gang, and group push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches, 2gang		page 27
Series push-buttons		page 28

DESIGN	ORDER NO.	PU
white glossy	**1623 89 82**	10
polar white glossy	**1623 89 89**	10
polar white matt	**1623 19 09**	10
anthracite matt	**1623 16 06**	10
aluminium matt, lacquered	**1623 14 04**	10



Rocker 2gang

- with cover plug for screw fitting

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches, 2gang		page 27
Series push-buttons		page 28

DESIGN	ORDER NO.	PU
polar white matt	**1571 19 09**	10
anthracite matt	**1571 16 06**	10
aluminium matt, lacquered	**1571 14 04**	10



Rocker 2gang

- Red lens

- for illumination and monitoring circuit
- also for KNX applications: push-button, 2gang, and group push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches, 2gang		page 27
Series push-buttons		page 28

DESIGN	ORDER NO.	PU
white glossy	**1627 89 82**	10
polar white glossy	**1627 89 89**	10
polar white matt	**1627 19 09**	10
anthracite matt	**1627 16 06**	10
aluminium matt, lacquered	**1627 14 04**	10

Rocker 3gang

SUITABLE FOR	ORDER NO.	PAGE
On/off switch 3gang	6330 23	30

DESIGN	ORDER NO.	PU
polar white glossy	**1665 89 89**	10
white glossy	**1665 89 82**	10
polar white matt	**1665 19 09**	10
anthracite matt	**1665 16 06**	10
aluminium matt, lacquered	**1665 14 04**	10

Centre plates for pullcord switches/pullcord push-buttons



Centre plate for pullcord switch/pullcord push-button

SUITABLE FOR	ORDER NO.	PAGE
Pullcord switches/pullcord push-buttons		page 31

DESIGN	ORDER NO.	PU
white glossy	**1146 89 82**	10
polar white glossy	**1146 89 89**	10
polar white matt	**1146 19 09**	10
anthracite matt	**1146 16 06**	10
aluminium matt, lacquered	**1146 14 04**	10

Centre plates for key switches/key push-buttons



Centre plate for key switch/key push-button

- for master-key systems
- for lock cylinder

SUITABLE FOR	ORDER NO.	PAGE
Key switches/key push-buttons		page 32
Lock cylinder	1818 ..	72

DESIGN	ORDER NO.	PU
white glossy	**1507 89 82**	10
polar white glossy	**1507 89 89**	10
polar white matt	**1507 19 09**	10
anthracite matt	**1507 16 06**	10
aluminium matt, lacquered	**1507 14 04**	10

TIMERS

Centre plates for mechanical timer



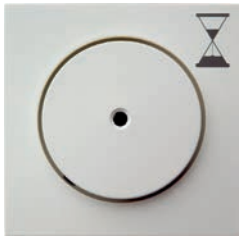
Centre plate for mechanical timer

	SUITABLE FOR Mechanical timer	ORDER NO.	PAGE page 33

DESIGN	ORDER NO.	PU
with time scale 15 min		
white glossy	**1632 89 82**	1
polar white glossy	**1632 89 89**	1
polar white matt	**1632 19 09**	1
anthracite matt	**1632 16 06**	1
aluminium matt, lacquered	**1632 14 04**	1



DESIGN	ORDER NO.	PU
with time scale 120 min		
polar white glossy	**1633 89 89**	1
white glossy	**1633 89 82**	1
polar white matt	**1633 19 09**	1
anthracite matt	**1633 16 06**	1
aluminium matt, lacquered	**1633 14 04**	1



Centre plate for time relay insert

- Push-button with clear lens

- with imprint

	SUITABLE FOR Time relay insert	ORDER NO. 2948 10	PAGE 34

Axis dimension Ø 4 mm

DESIGN	ORDER NO.	PU
white glossy	**1674 89 82**	10
polar white glossy	**1674 89 89**	10
polar white matt	**1674 19 09**	10
anthracite matt	**1674 16 06**	10
aluminium matt, lacquered	**1674 14 04**	10



Timer comfort for sensors

- Display

- After charging, the timer can also be programmed when removed
- connected RolloTec brightness sensor can be used for twilight-controlled switching-on
- 2 independent programme memories for everyday/holidays
- astro programme for sunrise/sundown switching
- with preset basic programme
- with week and day programme

SUITABLE FOR	ORDER NO.	PAGE
Insert for timer	2948	35
optional		
RolloTec brightness sensor	169	125
RolloTec adapter for sensors	171	125
RolloTec brightness sensor surface-mounted	184	125

i 883

DESIGN	ORDER NO.	PU
white glossy	# **1738 89 82**	1
polar white glossy	# **1738 89 89**	1
polar white matt	# **1738 19 09**	1
anthracite matt	# **1738 16 06**	1
aluminium matt, lacquered	# **1738 14 04**	1



Timer comfort

- Display

14:23

- After charging, the timer can also be programmed when removed
- 2 independent programme memories for everyday/ holidays
- astro programme for sunrise/sundown switching
- with preset basic programme
- with week and day programme

SUITABLE FOR	ORDER NO.	PAGE
Insert for timer	2948	35

i 883

DESIGN	ORDER NO.	PU
white glossy	# **1736 89 82**	1
polar white glossy	# **1736 89 89**	1
polar white matt	# **1736 19 09**	1
anthracite matt	# **1736 16 06**	1
aluminium matt, lacquered	# **1736 14 04**	1



Timer Easy

- Display

14:23

- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of switching times
- programmable for approx. 4 h after removing insert
- with quick programming mode

SUITABLE FOR	ORDER NO.	PAGE
Insert for timer	2948	35

i 883

DESIGN	ORDER NO.	PU
white glossy	# **1735 89 82**	1
polar white glossy	# **1735 89 89**	1
polar white matt	# **1735 19 09**	1
anthracite matt	# **1735 16 06**	1
aluminium matt, lacquered	# **1735 14 04**	1

BERKER.NET - CONVENTIONAL ELECTRONICS PLATFORM

Buttons for switches/dimmers

Button 1gang

Operating voltage via insert

- with 2-push-buttons operation concept
- low intrinsic energy requirement

SUITABLE FOR	ORDER NO.	PAGE
Relay insert	8512 12 00	47
Switch insert 1gang	8512 11 00	47
Touch dimmer (R, L)	8542 11 00	48
Universal touch dimmer 1gang	8542 12 00	49

i 918

DESIGN	ORDER NO.	PU
white glossy	**8514 11 82**	1
polar white glossy	**8514 11 89**	1
polar white matt	**8514 11 88**	1
anthracite matt, lacquered	**8514 11 85**	1
aluminium matt, lacquered	**8514 11 83**	1



Button 2gang

Operating voltage via insert

- with 2-push-buttons operation concept per series
- low intrinsic energy requirement

SUITABLE FOR	ORDER NO.	PAGE
Switch insert 2gang	8512 22 00	48
Universal touch dimmer 2gang	8542 21 00	49

i 918

DESIGN	ORDER NO.	PU
white glossy	**8514 21 82**	1
polar white glossy	**8514 21 89**	1
polar white matt	**8514 21 88**	1
anthracite matt, lacquered	**8514 21 85**	1
aluminium matt, lacquered	**8514 21 83**	1

Motion detector covers

NEW



IR Motion detector comfort

Delay time, adjustable ≈ 10 s ... 30 min

- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- with button for on/off/automatic
- step operation with immunity time (e.g. for stair light/impact current circuits)
- low intrinsic energy requirement

SUITABLE FOR	ORDER NO.	PAGE
Inserts		page 80

i 918

DESIGN	ORDER NO.	PU
Nominal mounting height 1.1 m		
white glossy	* **8534 12 82**	1
polar white glossy	* **8534 12 89**	1
polar white matt	* **8534 12 88**	1
anthracite matt	* **8534 12 85**	1
aluminium, matt, lacquered	* **8534 12 83**	1
Nominal mounting height 2.2 m		
white glossy	* **8534 22 82**	1
polar white glossy	* **8534 22 89**	1
polar white matt	* **8534 22 88**	1
anthracite matt	* **8534 22 85**	1
aluminium, matt, lacquered	* **8534 22 83**	1

NEW



Motion detector

Delay time ≈ 180 s

- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- with button for on/off/automatic
- low intrinsic energy requirement

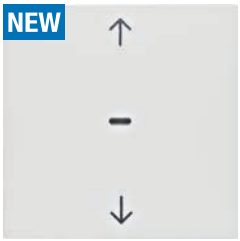
SUITABLE FOR	ORDER NO.	PAGE
Inserts		page 80

i 918

DESIGN	ORDER NO.	PU
Nominal mounting height 1.1 m		
white glossy	* **8534 11 82**	1
polar white glossy	* **8534 11 89**	1
polar white matt	* **8534 11 88**	1
anthracite matt	* **8534 11 85**	1
aluminium, matt, lacquered	* **8534 11 83**	1

Nominal mounting height 2.2 m		
white glossy	* **8534 21 82**	1
polar white glossy	* **8534 21 89**	1
polar white matt	* **8534 21 88**	1
anthracite matt	* **8534 21 85**	1
aluminium, matt, lacquered	* **8534 21 83**	1

Blind buttons



Blind button

Delay time, adjustable	0 s ... 500 s
Venetian blind movement time	2 min
Change-over time for change of direction	< 0.6 s
Minimum slat adjustment time	≈ 150 ms

- memory function for automatic execution of learned up and down times with position
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- with imprinted symbol arrows
- low intrinsic energy requirement

SUITABLE FOR	ORDER NO.	PAGE
Blind insert comfort	8522 11 00	115

i 918

DESIGN	ORDER NO.	PU
white glossy	* **8524 11 82**	1
polar white glossy	* **8524 11 89**	1
polar white matt	* **8524 11 88**	1
anthracite matt	* **8524 11 85**	1
aluminium, matt, lacquered	* **8524 11 83**	1

Time switches for blinds



Blind time switch

- Display



Number of operation times for up/down	20
Running time	2 min
Minimum slat adjustment time	≈ 150 ms
Change-over time for change of direction	< 0.6 s
Astronomic time shift	± 2 h
Power reserve	≈ 24 h
Random number generator	± 15 min

Control using device buttons and programmed switching times.

- with keylock
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- reset function (to factory setting)
- indication of the application module/insert compatibility in the display
- LC display illuminated during operation
- LC display contrast is adjustable
- low intrinsic energy requirement
- with switchover manual/automatic mode
- with automatic summer-/winter time switching (can be switched off)
- 2 independent preset programme memories, individually adaptable
- astro programme for sunrise/sundown switching with city/country or co-ordinate input, individually adaptable
- holiday programme for random variation of the operation times in automatic operation

SUITABLE FOR	ORDER NO.	PAGE
Blind insert comfort	8522 11 00	115

i 918

DESIGN	ORDER NO.	PU
white glossy	* **8574 11 82**	1
polar white glossy	* **8574 11 89**	1
aluminium, matt, lacquered	* **8574 11 83**	1
anthracite matt	* **8574 11 85**	1
polar white matt	* **8574 11 88**	1

DIMMERS AND COVERS

Rotary dimmer with cover plate



NEW

Rotary dimmer with cover plate

- Setting knob

■ phase cut-on

Operating voltage	230 V~
230 V incandescent lamps and halogen lamps	60 ... 400 W
Number of built-in power boosters (R, L)	max. 10

SUITABLE FOR	ORDER NO.	PAGE
optional		
Tronic power booster built-in (R, C)	2868	59
replacement		
Covers for rotary dimmers		page 210

i 886

DESIGN	ORDER NO.	PU
white glossy	**2819 89 82**	1
polar white glossy	**2819 89 89**	1
polar white matt	**2819 99 09**	1
anthracite matt	* **2819 99 49**	1
aluminium matt, lacquered	* **2819 99 39**	1

Covers for rotary dimmers



NEW

Cover for rotary dimmers/rotary potentiometers

- Setting knob

SUITABLE FOR	ORDER NO.	PAGE
Rotary dimmer with cover plate		page 210
Rotary dimmers		page 38
Rotary potentiometers DALI		page 44
1-10 V Rotary potentiometers		page 45

DESIGN	ORDER NO.	PU
white glossy	**1130 89 82**	10
polar white glossy	**1130 89 89**	10
polar white matt	**1130 99 09**	10
anthracite matt	* **1130 99 49**	10
aluminium matt, lacquered	* **1130 99 39**	10



Centre plate for rotary dimmer

- Setting knob

Axis dimension Ø 4 mm

SUITABLE FOR	ORDER NO.	PAGE
Rotary dimmers		page 38
Rotary potentiometers DALI		page 44
1-10 V Rotary potentiometers		page 45

DESIGN	ORDER NO.	PU
white glossy	**1137 89 82**	10
polar white glossy	**1137 89 89**	10
polar white matt	**1137 19 09**	10
anthracite matt	**1137 16 06**	10
aluminium matt, lacquered	**1137 14 04**	10

Push-buttons



Button for universal series touch dimmer

SUITABLE FOR	ORDER NO.	PAGE
Universal series touch dimmer (R, L, C)	2901	56

i 887

DESIGN	ORDER NO.	PU
white glossy	# **1765 89 82**	1
polar white glossy	# **1765 89 89**	1
polar white matt	# **1765 19 09**	1
anthracite matt	# **1765 16 06**	1
aluminium matt, lacquered	# **1765 14 04**	1

BLC -BERKER LIGHT CONTROL

BLC push-buttons



BLC push-button

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 51
BLC dimmers		page 54
BLC insert for timer	2934 10	53
BLC extension unit	2907	55

i 889



DESIGN	ORDER NO.	PU
white glossy	# **1761 89 82**	1
polar white glossy	# **1761 89 89**	1
polar white matt	# **1761 19 09**	1
anthracite matt	# **1761 16 06**	1
aluminium matt, lacquered	# **1761 14 04**	1

BLC controller





BLC controller comfort 1.1 m

Delay time, adjustable ≈ 10 s ... 30 min

- with teach function for response brightness
- step operation with immunity time (e.g. for bell)
- with cover to limit detection angle to 90°
- with slide switch for OFF/automatic/ON

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 51
BLC dimmers		page 54
BLC insert for timer	2934 10	53
BLC extension unit for motion detector	2908	88

i 892



DESIGN	ORDER NO.	PU
Nominal mounting height 1.1 m		
white glossy	# **1784 89 82**	1
polar white glossy	# **1784 89 89**	1
polar white matt	# **1784 19 09**	1
anthracite matt	# **1784 16 06**	1
aluminium matt, lacquered	# **1784 14 04**	1





BLC IR controller comfort 2.2 m with hand-held transmitter

Delay time, adjustable ≈ 10 s ... 60 min

Scope of delivery:
- BLC IR controller comfort 2.2 m
- hand-held transmitter for BLC IR controller

- with detection and IR receiver LED red, and IR confirmation LED green
- presence simulation via remote control: retrieval of the switching operations from the last 7 days
- hotel mode via remote control: without motion dimming to 20%
- short-time mode with immunity time (e.g. for bell) via remote control
- test mode via remote control: response sensitivity 100%, time delay 1 s and day mode

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 51
BLC dimmers		page 54
BLC insert for timer	2934 10	53
BLC extension unit for motion detector	2908	88
replacement		
Replacement hand-held transmitter for BLC IR controller	2770 ..	93

i 893



DESIGN	ORDER NO.	PU
Nominal mounting height 2.2 m		
white glossy	# **1789 89 82**	1
polar white glossy	# **1789 89 89**	1
polar white matt	# **1789 19 09**	1
anthracite matt	# **1789 16 06**	1
aluminium matt, lacquered	# **1789 14 04**	1



BLC controller

Delay time ≈ 2 min

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 51
BLC dimmers		page 54
BLC insert for timer	2934 10	53
BLC extension unit for motion detector	2908	88

i 892



DESIGN	ORDER NO.	PU
Nominal mounting height 1.1 m		
white glossy [1]	# **1783 89 82**	1
polar white glossy [1]	# **1783 89 89**	1
polar white matt [1]	# **1783 19 09**	1
anthracite matt [1]	# **1783 16 06**	1
aluminium matt, lacquered [1]	# **1783 14 04**	1
Nominal mounting height 2.2 m		
white glossy	# **1788 89 82**	1
polar white glossy	# **1788 89 89**	1
polar white matt	# **1788 19 09**	1
anthracite matt	# **1788 16 06**	1
aluminium matt, lacquered	# **1788 14 04**	1



[1] with cover to limit detection angle to 90°

COVERS FOR BLIND SWITCHES/PUSH-BUTTONS

Rockers with imprint

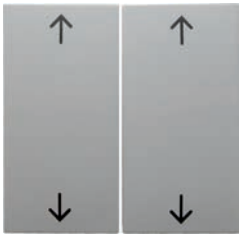


Rocker 2gang with imprinted arrow symbol

- also for KNX applications: push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Switches/ push-buttons for blinds		page 108

DESIGN	ORDER NO.	PU
white glossy	**1625 89 82**	10
polar white glossy	**1625 89 89**	10
polar white matt	**1625 19 09**	10
anthracite matt	**1625 16 06**	10
aluminium matt, lacquered	**1625 14 04**	10



Rocker 2gang with imprinted arrows symbol

- also for KNX applications: group push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Group series push-button, 4 NO contacts, common input terminal	5034 04	28

DESIGN	ORDER NO.	PU
white glossy	**1644 89 82**	10
polar white glossy	**1644 89 89**	10
polar white matt	**1644 19 09**	10
anthracite matt	**1644 16 06**	10
aluminium matt, lacquered	**1644 14 04**	10

Centre plates for rotary switches for blinds



Centre plate with rotary knob for rotary switch for blinds

- with imprint

SUITABLE FOR	ORDER NO.	PAGE
Rotary switches for blinds		page 110
Interlock disk for rotary switch for blinds	1861	111

DESIGN	ORDER NO.	PU
white glossy	**1080 89 82**	1
polar white glossy	**1080 89 89**	1
polar white matt	**1080 19 09**	1
anthracite matt	**1080 16 06**	1
aluminium matt, lacquered	**1080 14 04**	1

Centre plates for key switches/key push-buttons for blinds



Centre plate with lock and push lock function for switch for blinds

- Key can be removed in 0 position



- with imprint
- with 2 keys

SUITABLE FOR	ORDER NO.	PAGE
Switch for blinds 1pole for centre plate with lock	3851	111
Switch for blinds 2pole for centre plate with lock	3852	111

DESIGN	ORDER NO.	PU
white glossy	**1081 89 82**	1
polar white glossy	**1081 89 89**	1
polar white matt	**1081 19 09**	1
anthracite matt	**1081 16 06**	1
aluminium matt, lacquered	**1081 14 04**	1



Centre plate with lock and push lock function for switch for blinds

- Key can be removed in 3 positions



- with imprint
- with 2 keys

SUITABLE FOR	ORDER NO.	PAGE
Switch for blinds 1pole for centre plate with lock	3851	111
Switch for blinds 2pole for centre plate with lock	3852	111

DESIGN	ORDER NO.	PU
white glossy	**1082 89 82**	1
polar white glossy	**1082 89 89**	1
polar white matt	**1082 19 09**	1



Centre plate with lock and touch function for switch for blinds

- Key can be removed in 0 position



- with imprint
- with 2 keys

SUITABLE FOR	ORDER NO.	PAGE
Switch for blinds 1pole for centre plate with lock	3851	111
Switch for blinds 2pole for centre plate with lock	3852	111

DESIGN	ORDER NO.	PU
white glossy	**1083 89 82**	1
polar white glossy	**1083 89 89**	1
polar white matt	**1083 19 09**	1



Centre plate for key push-button for blinds/key switch

- with imprint
- for master-key systems
- for lock cylinder

SUITABLE FOR	ORDER NO.	PAGE
Lock cylinder		page 72
Switch for blinds 2pole for lock cylinder	3822 10	113
Push-button for blinds 1pole for lock cylinder	3831 10	114
Push-button for blinds 2pole for lock cylinder	3832 10	114

DESIGN	ORDER NO.	PU
white glossy	**1506 89 82**	10
polar white glossy	**1506 89 89**	10
polar white matt	**1506 19 09**	10
anthracite matt	**1506 16 06**	10
aluminium matt, lacquered	**1506 14 04**	10

ROLLOTEC

RolloTec buttons



RolloTec button comfort for sensors

- for sensor connection to socket contact or terminal block

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 118
optional		
RolloTec adapter for sensors	171	125
RolloTec glass breakage sensor	170	125
RolloTec brightness sensor	169	125
RolloTec brightness sensor surface-mounted	184	125
Magnetic contact	9251 0 ..	126

i 912

DESIGN	ORDER NO.	PU
white glossy	# **1771 89 82**	1
polar white glossy	# **1771 89 89**	1
polar white matt	# **1771 19 09**	1
anthracite matt	# **1771 16 06**	1
aluminium matt, lacquered	# **1771 14 04**	1



RolloTec button comfort

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 118

i 912

DESIGN	ORDER NO.	PU
white glossy	# **1770 89 82**	1
polar white glossy	# **1770 89 89**	1
polar white matt	# **1770 19 09**	1
anthracite matt	# **1770 16 06**	1
aluminium matt, lacquered	# **1770 14 04**	1





RolloTec memory button for sensors

Stored “up” and/or “down” time is run daily in automatic operation.

- for sensor connection to socket contact or terminal block

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 118
optional		
RolloTec adapter for sensors	171	125
RolloTec glass breakage sensor	170	125
RolloTec brightness sensor	169	125
RolloTec brightness sensor surface-mounted	184	125
Magnetic contact	9251 0 ..	126

i 912

DESIGN	ORDER NO.	PU
white glossy	# **1757 89 82**	1
polar white glossy	# **1757 89 89**	1
polar white matt	# **1757 19 09**	1
anthracite matt	# **1757 16 06**	1
aluminium matt, lacquered	# **1757 14 04**	1





RolloTec memory button

Stored “up” and/or “down” time is run daily in automatic operation.

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 118

i 912

DESIGN	ORDER NO.	PU
white glossy	# **1756 89 82**	1
polar white glossy	# **1756 89 89**	1
polar white matt	# **1756 19 09**	1
anthracite matt	# **1756 16 06**	1
aluminium matt, lacquered	# **1756 14 04**	1

RolloTec time switches



RolloTec comfort time switch for sensors

- Display

- with surface-mounted RolloTec brightness sensor, shutter and lamella position additionally settable
- when a surface-mounted RolloTec brightness sensor is connected, twilight-controlled lowering possible
- RolloTec brightness sensor for sun blind movement up/down can be connected
- lamella position programmable at down operation times
- with automatic summer-/winter time switching (can be switched off)
- with a total of 3 independent programme memories
- 2 programme memories preset
- astro programme for sunrise/sundown switching
- programming according to week and days possible
- programme memory network failure proved

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 118
optional		
RolloTec brightness sensor	169	125
RolloTec glass breakage sensor	170	125
RolloTec adapter for sensors	171	125
RolloTec brightness sensor surface-mounted	184	125
Magnetic contact	9251 0 ..	126

i 916

DESIGN	ORDER NO.	PU
white glossy	# **1775 89 82**	1
polar white glossy	# **1775 89 89**	1
polar white matt	# **1775 19 09**	1
anthracite matt	# **1775 16 06**	1
aluminium matt, lacquered	# **1775 14 04**	1



RolloTec comfort time switch

- Display

- lamella position programmable at down operation times
- with automatic summer-/winter time switching (can be switched off)
- with a total of 3 independent programme memories
- 2 programme memories preset
- astro programme for sunrise/sundown switching
- programming according to week and days possible
- programme memory network failure proved

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 118

i 916

DESIGN	ORDER NO.	PU
white glossy	# **1774 89 82**	1
polar white glossy	# **1774 89 89**	1
polar white matt	# **1774 19 09**	1
anthracite matt	# **1774 16 06**	1
aluminium matt, lacquered	# **1774 14 04**	1



RolloTec easy time switch

- Display

- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of operation times
- with quick programming mode
- programming possible for up to 6 h after removing insert
- with preset basic programme

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 118

i 916

DESIGN	ORDER NO.	PU
white glossy	# **1762 89 82**	1
polar white glossy	# **1762 89 89**	1
polar white matt	# **1762 19 09**	1
anthracite matt	# **1762 16 06**	1
aluminium matt, lacquered	# **1762 14 04**	1

HVAC CONTROLLERS AND COVERS

Thermostats



Thermostat, NO contact, with centre plate

- Time-controlled

Rated voltage	230 V~
Frequency	50 Hz
Power consumption	≈ 1.2 W
Lithium cell power reserve [years]	≈ 10

- for underfloor heating control using room and/or floor temperature possible
- for heating or cooling mode
- for room and floor heaters
- with self-teaching heating curve

SUITABLE FOR	ORDER NO.	PAGE
Valve drive 230 V	7590 00 76	139
optional		
Temperature sensor	161	145

i 910

DESIGN	ORDER NO.	PU
white glossy	**2044 89 82**	1
polar white glossy	**2044 89 89**	1
polar white matt	**2044 19 09**	1
anthracite matt	**2044 16 06**	1
aluminium matt, lacquered	**2044 14 04**	1



Thermostat, NO contact, with centre plate, for underfloor heating

- Rocker switch
- External temperature sensor

Rated voltage	250 V~
Frequency	50/60 Hz

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for thermostat for underfloor heating	1672 ..	137
Valve drive 230 V	7590 00 76	139
replacement		
Temperature sensor	161	145

i 909

DESIGN	ORDER NO.	PU
white glossy	**2034 89 82**	1
polar white glossy	**2034 89 89**	1
polar white matt	**2034 19 09**	1
anthracite matt	**2034 16 06**	1
aluminium matt, lacquered	**2034 14 04**	1



Temperature controller, change-over contact, with centre plate

Rated voltage 250 V~
Frequency 50/60 Hz

■ for heating or cooling mode

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for thermostat	1670 ..	137
Valve drive 230 V	7590 00 76	139

i 909

DESIGN	ORDER NO.	PU
white glossy	**2026 89 82**	1
polar white glossy	**2026 89 89**	1
polar white matt	**2026 19 09**	1
anthracite matt	**2026 16 06**	1
aluminium matt, lacquered	**2026 14 04**	1



Temperature controller, NC contact, with centre plate

- **Rocker switch**

Rated voltage 250 V~
Frequency 50/60 Hz

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for thermostat	1671 ..	138
Valve drive 230 V	7590 00 76	139

i 909

DESIGN	ORDER NO.	PU
white glossy	**2030 89 82**	1
polar white glossy	**2030 89 89**	1
polar white matt	**2030 19 09**	1
anthracite matt	**2030 16 06**	1
aluminium matt, lacquered	**2030 14 04**	1



Temperature controller, NC contact, with centre plate, 24 V AC/DC

- **Rocker switch**

Rated voltage 24 V~/24 V=
Frequency 50/60 Hz

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for thermostat	1671 ..	138
Valve drive 24 V AC/DC	7590 00 77	139

i 909

DESIGN	ORDER NO.	PU
white glossy	**2031 89 82**	1
polar white glossy	**2031 89 89**	1
polar white matt	**2031 19 09**	1
anthracite matt	**2031 16 06**	1
aluminium matt, lacquered	**2031 14 04**	1



Centre plate for thermostat for underfloor heating

- **Rocker**
- **Setting knob**

SUITABLE FOR	ORDER NO.	PAGE
Thermostat, NO contact, with centre plate, for underfloor heating	2034 ..	133

DESIGN	ORDER NO.	PU
white glossy	**1672 89 82**	1
polar white glossy	**1672 89 89**	1
polar white matt	**1672 19 09**	1
anthracite matt	**1672 16 06**	1
aluminium matt, lacquered	**1672 14 04**	1



Centre plate for thermostat

- Setting knob

SUITABLE FOR	ORDER NO.	PAGE
Temperature controller, change-over contact, with centre plate	2026 ..	134

DESIGN	ORDER NO.	PU
white glossy	**1670 89 82**	1
polar white glossy	**1670 89 89**	1
polar white matt	**1670 19 09**	1
anthracite matt	**1670 16 06**	1
aluminium matt, lacquered	**1670 14 04**	1



Centre plate for thermostat

- Rocker
- Setting knob

SUITABLE FOR	ORDER NO.	PAGE
Temperature controller, NC contact, with centre plate	2030 ..	135
Temperature controller, NC contact, with centre plate, 24 V AC/DC	2031 ..	136

DESIGN	ORDER NO.	PU
white glossy	**1671 89 82**	1
polar white glossy	**1671 89 89**	1
polar white matt	**1671 19 09**	1
anthracite matt	**1671 16 06**	1
aluminium matt, lacquered [1]	**1671 14 04**	1

[1] with cover plug for screw fitting

S.1/B.

Central plates for sensor inserts



Central plate for sensor insert

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 225
Sensor insert	7594 10 01	138

DESIGN	ORDER NO.	PU
white glossy	**7594 04 02**	1
polar white glossy	**7594 04 09**	1
polar white matt/velvety	**7594 04 89**	1
anthracite matt	**7594 04 85**	1
aluminium matt, lacquered	**7594 04 83**	1

Rockers for heating emergency switches



Rocker with imprint “Heizung Notschalter”

- Red lens

- for monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Or use glass pane-protected heating emergency switch from programme ranges Arsys, flush-mounted splash-protected IP44, Aquatec IP44.

Not suitable for heating systems > 50 kW.

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20

DESIGN	ORDER NO.	PU
red glossy	**1621 89 02**	10
red matt	**1621 19 02**	10

Centre plates for air conditioner/fan controllers



Centre plate with rotary knob for 3-step switch

- with imprint

SUITABLE FOR	ORDER NO.	PAGE
3-step switch	3861 ..	142

DESIGN	ORDER NO.	PU
without 0-position, imprint 2-1-3		
white glossy	**1084 89 82**	1
polar white glossy	**1084 89 89**	1
polar white matt	**1084 19 09**	1
anthracite matt	**1084 16 06**	1
aluminium matt, lacquered	**1084 14 04**	1
with 0-position, imprint 0-1-2-3		
white glossy	**1096 89 82**	1
polar white glossy	**1096 89 89**	1
polar white matt	**1096 19 09**	1
anthracite matt	**1096 16 06**	1
aluminium matt, lacquered	**1096 14 04**	1





Centre plate for speed controller

- Setting knob

- with imprinted symbol curve

SUITABLE FOR	ORDER NO.	PAGE
Speed controllers	2968 01	143

Axis dimension Ø 4 mm

DESIGN	ORDER NO.	PU
white glossy	**1137 89 22**	10
polar white glossy	**1137 89 29**	10
polar white matt	**1137 19 29**	10
anthracite matt	**1137 16 26**	10
aluminium matt, lacquered	**1137 14 24**	10

COMMUNICATION/MULTIMEDIA TECHNOLOGY

- For information on suitable third-party manufacturer articles, see the chapter “Communication/multimedia technology”

Covers data communications / telecommunications



Centre plate with TAE cut-out

- also for KNX applications: USB data interface, flush-mounted

SUITABLE FOR	ORDER NO.	PAGE
Modular UAE socket outlets		page 153
230 V USB charging socket outlet	2600 0 ..	172
Loudspeaker connection box	4572 ..	173
Stereo loudspeaker connection box	4573 ..	173

DESIGN	ORDER NO.	PU
white glossy	**1033 89 12**	10
polar white glossy	**1033 89 19**	10
polar white matt, with 2 knock out openings	**1033 19 09**	10
anthracite matt, with 2 knock out openings	**1033 16 06**	10
aluminium matt, lacquered, with 2 knock out openings	**1033 14 04**	10



Central plate with TAE cut-out

- knock out

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- also for KNX applications: USB data interface, flush-mounted
- labelling field latchable

SUITABLE FOR	ORDER NO.	PAGE
		page
Modular UAE socket outlets		page 153
Intermediate rings		page 225
230 V USB charging socket outlet	2600 0 ..	172
Loudspeaker connection box	4572 0 ..	173
Stereo loudspeaker connection box	4573 0 ..	173

DESIGN	ORDER NO.	PU
white glossy	**1458 02**	10
polar white glossy	**1458 09**	10



Centre plate for FCC socket outlet

- for 1gang socket outlet, cat.3, cat.5e and cat.6_A iso
- with 45° oblique outlet

SUITABLE FOR	ORDER NO.	PAGE
UAE socket outlets 1gang		page 148

DESIGN	ORDER NO.	PU
white glossy	**1407 89 82**	10
polar white glossy	**1407 89 89**	10
polar white matt	**1407 19 09**	10
anthracite matt	**1407 16 06**	10
aluminium matt, lacquered	**1407 14 04**	10



Centre plate for FCC socket outlet 2gang

- for 2gang socket outlet, cat.3, cat.5e and cat.6_A iso
- with 45° oblique outlet

SUITABLE FOR	ORDER NO.	PAGE
UAE socket outlets 2gang		page 150

DESIGN	ORDER NO.	PU
white glossy	**1409 89 82**	10
polar white glossy	**1409 89 89**	10
polar white matt	**1409 19 09**	10
anthracite matt	**1409 16 06**	10
aluminium matt, lacquered	**1409 14 04**	10



Centre plate with dust protection slider

- Labelling field

Labelling field height arranged for P-touch strips 6 mm.

- for supporting plates with coloured mounting device, 1gang, order no. 4540 .. and 454201, see COMMUNICATION/MULTIMEDIA TECHNOLOGY

DESIGN	ORDER NO.	PU
polar white matt	**1170 19 09**	10
anthracite matt	**1170 16 06**	10
aluminium matt, lacquered	**1170 14 04**	10



Centre plate with 2 dust protection sliders

- Labelling field



Labelling field height arranged for P-touch strips 6 mm.

- for supporting plates with coloured mounting devices, 2gang, order no. 4541 ..and 454202, see COMMUNICATION/MULTIMEDIA TECHNOLOGY

DESIGN	ORDER NO.	PU
white glossy	**1181 89 82**	10
polar white glossy	**1181 89 89**	10
polar white matt	**1181 19 09**	10
anthracite matt	**1181 16 06**	10
aluminium matt, lacquered	**1181 14 04**	10



Central plate for 3 MINI-COM modules

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for Mini-Com jacks cat.3, cat.5e, cat.6, cat.6 10Gig
- for Mini-Com fibre-optic modules
- for Mini-Com dummy modules 1gang
- for Mini-Com 3.5 mm stereo connection/coupling modules
- for Mini-Com BNC connector modules
- for Mini-Com Cinch connection/coupling modules
- for Mini-Com D-Subminiature connectors 15pole
- for Mini-Com F-plug coupling modules
- for Mini-Com speaker wire/banana plug modules
- for Mini-Com HDMI™ module, double socket 1.3, type A
- for Mini-Com S-Video connection/coupling modules
- for Mini-Com USB modules, double socket type A, USB 2.0 compliant

SUITABLE FOR	ORDER NO.	PAGE
Multimedia modules		page 582
Intermediate rings		page 225

DESIGN	ORDER NO.	PU
white glossy	**1427 02**	10
polar white glossy	**1427 09**	10
polar white matt/velvety	**1427 19 09**	10
anthracite matt	**1427 16 06**	10
aluminium matt, lacquered	**1427 14 04**	10



Central plate for Reichle&De-Massari single modules

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 225

DESIGN	ORDER NO.	PU
white glossy	**1472 02**	10
polar white glossy	**1472 09**	10
polar white matt/velvety	**1472 19 09**	10
anthracite matt	**1472 16 06**	10
aluminium matt, lacquered	**1472 14 04**	10



Central plate for Reichle&De-Massari double module

For 1gang modules, the 1port DIN connection box with straight outlet and centre plate 50 x 50 mm of makes IBM no. 51H8234 or Reichle + De Massari no. R 825857 can be used.

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6
- labelling field latchable

SUITABLE FOR Intermediate rings — **ORDER NO.** — **PAGE** page 225

DESIGN	ORDER NO.	PU
white glossy	**1461 02**	10
polar white glossy	**1461 09**	10
polar white matt/velvety	**1461 19 09**	10



Central plate 2gang for AMP jacks

Indexing dimension (W x H) ≈ 14.7 x 20.7 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for AMP fibre-optic couplings MT-RJ jacks
- for AMP modular jacks series 110 Connect cat.3, cat.5, cat.5e and cat.6

SUITABLE FOR Intermediate rings — **ORDER NO.** — **PAGE** page 225

DESIGN	ORDER NO.	PU
white glossy	**1463 02**	10
polar white glossy	**1463 09**	10
polar white matt/velvety	**1463 19 09**	10
anthracite matt	**1463 16 06**	10
aluminium matt, lacquered	**1463 14 04**	10



Central plate 2gang for Krone jacks

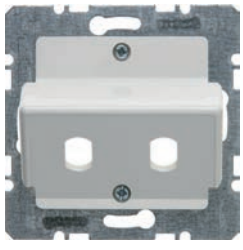
Indexing dimension (W x H) ≈ 14.7 x 19.4 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 3M fibre-optic couplings Volition
- for Krone fibre-optic couplings MT-RJ jacks
- for Krone modular jacks cat.5, cat.5e and cat.6

SUITABLE FOR Intermediate rings — **ORDER NO.** — **PAGE** page 225

DESIGN	ORDER NO.	PU
white glossy	**1464 02**	10
polar white glossy	**1464 09**	10
polar white matt/velvety	**1464 19 09**	10
anthracite matt	**1464 16 06**	10
aluminium matt, lacquered	**1464 14 04**	10



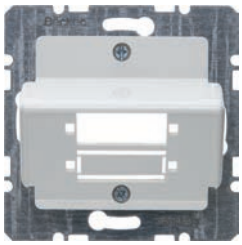
Central plate for fibre-optic couplings Simplex ST

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 2 fibre-optic couplings

SUITABLE FOR Intermediate rings — **ORDER NO.** — **PAGE** page 225

DESIGN	ORDER NO.	PU
white glossy, 2gang	**1492 02**	10
polar white glossy, 2gang	**1492 09**	10
polar white matt/velvety, 2gang	**1492 19 09**	10



Central plate for fibre-optic couplings Duplex SC

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 1 or 2 fibre-optic couplings
- 1 knock out opening

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 225

DESIGN	ORDER NO.	PU
white glossy	**1480 02**	10
polar white glossy	**1480 09**	10
polar white matt/velvety	**1480 19 09**	10

Covers for aerial sockets



Centre plate for aerial socket 2-/3hole

- with knock out SAT input

SUITABLE FOR	ORDER NO.	PAGE
Aerial sockets		page 162

DESIGN	ORDER NO.	PU
white glossy	**1203 89 82**	10
polar white glossy	**1203 89 89**	10
polar white matt	**1203 19 09**	10
anthracite matt	**1203 16 06**	10
aluminium matt, lacquered	**1203 14 04**	10



Central plate for aerial socket 4hole (Ankaro)

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 2 additional SAT outputs (F-sockets)

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 225
Aerial socket 4hole single box	4594	165

DESIGN	ORDER NO.	PU
white glossy	**1484 02**	10
polar white glossy	**1484 09**	10
polar white matt/velvety	**1484 19 09**	10
anthracite matt	**1484 16 06**	10
aluminium matt, lacquered	**1484 14 04**	10



Central plate for aerial socket 4hole (Hirschmann)

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 2 additional SAT outputs (F-sockets)

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 225

DESIGN	ORDER NO.	PU
white glossy	**1483 02**	10
polar white glossy	**1483 09**	10
polar white matt/velvety	**1483 19 09**	10
anthracite matt	**1483 16 06**	10
aluminium matt, lacquered	**1483 14 04**	10



Central plate for broadband modem socket (Wisi)

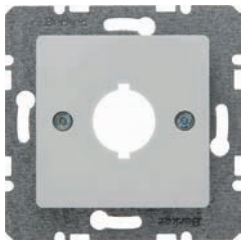
Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with additional multimedia output

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 225

DESIGN	ORDER NO.	PU
white glossy	# **1439 02**	10
polar white glossy	# **1439 09**	10
polar white matt/velvety	# **1439 19 09**	10
anthracite matt	# **1439 16 06**	10
aluminium matt, lacquered	# **1439 14 04**	10

Central plates for signalling and command units



Central plate with installation opening Ø 18.8 mm

Screw spacing 36 mm

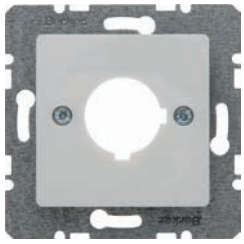
Caution!
Use only with intermediate ring for central plate from the corresponding range.

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- with supporting plate
- without spreader claws
- with cut-out dia. 18.8 mm

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 225
optional		
Built-in socket for floating output	4604	684

DESIGN	ORDER NO.	PU
white glossy	**1431 02**	10
polar white glossy	**1431 09**	10
polar white matt/velvety	**1431 19 09**	10
anthracite matt	**1431 16 06**	10
aluminium matt, lacquered	**1431 14 04**	10



Central plate with installation opening Ø 22.5 mm

Screw spacing 36 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

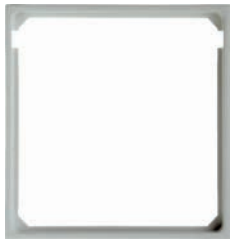
Installation aperture according to IEC 60947-5-1

- with supporting plate
- without spreader claws
- with cut-out dia. 22.5 mm

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 225

DESIGN	ORDER NO.	PU
white glossy	**1432 02**	10
polar white glossy	**1432 09**	10
yellow glossy	**1432 07**	10
polar white matt/velvety	**1432 19 09**	10
anthracite matt	**1432 16 06**	10
aluminium matt, lacquered	**1432 14 04**	10

Intermediate rings



Intermediate ring for central plate

- labelling field latchable

SUITABLE FOR	ORDER NO.	PAGE
optional		
Labelling field for intermediate ring		page 225

DESIGN	ORDER NO.	PU
white glossy	**1109 89 82**	10
polar white glossy	**1109 89 89**	10
polar white matt	**1109 19 09**	10
anthracite matt	**1109 16 06**	10
aluminium matt, lacquered	**1109 14 04**	10



Labelling field for intermediate ring

Labelling field height arranged for P-touch strips 6 mm.

SUITABLE FOR	ORDER NO.	PAGE
Intermediate ring for central plate		page 225

DESIGN	ORDER NO.	PU
white glossy	**1905 00 02**	10
polar white glossy	**1905 00 69**	10
aluminium matt, lacquered	**1905 70 03**	10

Adapter rings for centre plates 50 x 50 mm



Adapter ring for centre plate 50 x 50 mm

Caution!
Not suitable for Berker central plates.
For centre plate according to DIN 49075

- for centre plate of third-party manufacturers with external dimension 50 x 50 mm

SUITABLE FOR	ORDER NO.	PAGE
50 x 50 mm centre plate for RCD protection switch		page 196

DESIGN	ORDER NO.	PU
white glossy	**1109 90 82**	10
polar white glossy	**1109 90 89**	10
polar white matt	**1109 19 19**	10
anthracite matt	**1109 16 16**	10
aluminium matt, lacquered	**1109 14 14**	10

Covers Audio

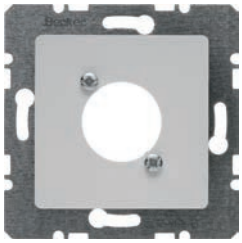


Centre plate for loudspeaker socket outlet

- 1 knock out opening

SUITABLE FOR	ORDER NO.	PAGE
Stereo loudspeaker socket outlet	4505 01	174
Loudspeaker socket outlet High End	4505 02	174
Entry for small connector	4505	175

DESIGN	ORDER NO.	PU
white glossy	**1196 89 82**	10
polar white glossy	**1196 89 89**	10
polar white matt	**1196 19 09**	10
anthracite matt	**1196 16 06**	10
aluminium matt, lacquered	**1196 14 04**	10



Central plate for XLR D-series connector

Cut-out Ø 23.6 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.
For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- with supporting plate
- without spreader claws
- speakon and jack connector

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 225

DESIGN	ORDER NO.	PU
white glossy	**1412 02**	10
polar white glossy	**1412 09**	10
polar white matt/velvety	**1412 19 09**	10
anthracite matt	**1412 16 06**	10
aluminium matt, lacquered	**1412 14 04**	10

Video socket outlets



VGA socket outlet

Frequency range video max. 160 MHz
Resolution max. 1280 x 1024 px

- with 15pole D-subminiature double jack
- with 15pole D-subminiature jack (front)
- S-VGA compatible

i 948

DESIGN	ORDER NO.	PU
with double jack		
white glossy	**33 1540 89 82**	10
polar white glossy	**33 1540 89 89**	10
polar white matt	**33 1540 19 09**	10
anthracite matt	**33 1540 16 06**	10
aluminium matt, lacquered	**33 1540 14 04**	10

VGA

back side, with screw-in lift terminals		
polar white matt [1]	**33 1541 19 09**	10
white glossy [1]	**33 1541 89 82**	10
polar white glossy [1]	**33 1541 89 89**	10
anthracite matt [1]	**33 1541 16 06**	10
aluminium matt, lacquered [1]	**33 1541 14 04**	10

[1] for connection to a 15-core VGA cable, conductor cross-section (rigid) max. 1.5 mm²

Multimedia sockets



3 x Cinch/S-Video socket outlet

Frequency range audio 20 ... 20000 Hz
Frequency range video max. 160 MHz

- 1 cinch double jack for video connection (yellow)
- 2 cinch double jacks for audio connection (red, white)
- S-Video double jack
- gold-plated contacts

i 951



DESIGN	ORDER NO.	PU
white glossy	**33 1532 89 82**	10
polar white glossy	**33 1532 89 89**	10
polar white matt	**33 1532 19 09**	10
anthracite matt	**33 1532 16 06**	10
aluminium matt, lacquered	**33 1532 14 04**	10



High definition socket outlet

Transmission rate max. 8.16 Gbit/s
Resolution max. 1920 x 1080 px

- gold-plated contacts

i 951



DESIGN	ORDER NO.	PU
back side, with straight socket		
white glossy	**33 1542 89 82**	1
polar white glossy	**33 1542 89 89**	1
polar white matt	**33 1542 19 09**	1
anthracite matt	**33 1542 16 06**	1
aluminium matt, lacquered	**33 1542 14 04**	1
back side, with 90° angle socket		
white glossy	**33 1543 89 82**	10
polar white glossy	**33 1543 89 89**	10
polar white matt	**33 1543 19 09**	10
anthracite matt	**33 1543 16 06**	10
aluminium matt, lacquered	**33 1543 14 04**	10



USB/3.5 mm audio socket outlet

USB transmission rate max. 480 Mbit/s
Frequency range audio 20 ... 20000 Hz

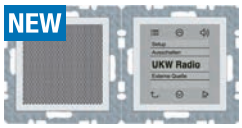
- double jack gold-plated 3.5 mm, stereo
- USB double jack type A, USB 2.0 capable

i 951



DESIGN	ORDER NO.	PU
white glossy	**33 1539 89 82**	10
polar white glossy	**33 1539 89 89**	10
polar white matt	**33 1539 19 09**	10
anthracite matt	**33 1539 16 06**	10
aluminium matt, lacquered	**33 1539 14 04**	10

Consumer electronics



NEW

Berker Radio Touch

- Loudspeaker

Operating voltage	230 V~
Frequency	50/60 Hz
Conductor cross-section (mains supply)	max. 2.5 mm²
Conductor cross-section (loudspeakers)	max. 1.5 mm²
Frequency range (radio reception)	87.5 ... 108 MHz
Dimensions of display (W x H)	35 x 28 mm
Insertion depth	33 mm

- operation via sensor areas of the touch display
- extension unit input for separate on/off switching
- illuminated touch graphics display
- time and date display
- with 2 loudspeaker connections
- external audio input, e.g. for MP3 player or docking station
- stereo FM radio with RDS display
- with one loudspeaker

SUITABLE FOR	ORDER NO.	PAGE
optional		
Docking station		page 229
Loudspeaker		page 228
Ceiling loudspeaker Ø 80 mm	2885 00 00	184
Ceiling loudspeaker Ø 140 mm	2885 00 01	184

DESIGN	ORDER NO.	PU
polar white glossy	**2880 89 89**	1
polar white matt	**2880 99 09**	1
anthracite matt	* **2880 16 06**	1
aluminium matt, lacquered	* **2880 14 04**	1
stainless steel matt, lacquered	**2880 89 16**	1

FM



NEW

Berker Radio Touch

Operating voltage	230 V~
Frequency	50/60 Hz
Conductor cross-section (mains supply)	max. 2.5 mm²
Conductor cross-section (loudspeakers)	max. 1.5 mm²
Frequency range (radio reception)	87.5 ... 108 MHz
Dimensions of display (W x H)	35 x 28 mm
Insertion depth	33 mm

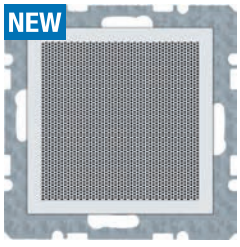
At least one loudspeaker must be connected for operation.

- operation via sensor areas of the touch display
- extension unit input for separate on/off switching
- illuminated touch graphics display
- time and date display
- with 2 loudspeaker connections
- external audio input, e.g. for MP3 player or docking station
- stereo FM radio with RDS display

SUITABLE FOR	ORDER NO.	PAGE
Loudspeaker		page 228
Ceiling loudspeaker Ø 140 mm	2885 00 01	184
Ceiling loudspeaker Ø 80 mm	2885 00 00	184
optional		
Docking station		page 229

DESIGN	ORDER NO.	PU
polar white glossy	* **2884 89 89**	1
polar white matt	* **2884 99 09**	1
anthracite matt	* **2884 16 06**	1
aluminium matt, lacquered	* **2884 14 04**	1

FM



NEW

Loudspeaker

Impedance	4 Ω
Conductor cross-section (flexible)	0.5 mm²
Pre-assembled cable	≈ 25 cm
Insertion depth	35 mm

- confectioned, with 2-core, double-insulated, flexible cable

SUITABLE FOR	ORDER NO.	PAGE
Berker Radio Touch		page 228
Docking station		page 229

DESIGN	ORDER NO.	PU
polar white glossy	**2882 89 89**	1
polar white matt	**2882 99 09**	1
anthracite matt	* **2882 16 06**	1
aluminium matt, lacquered	* **2882 14 04**	1
stainless steel matt, lacquered	**2882 89 16**	1



Docking station

Operating voltage	230 V~
Frequency	50/60 Hz
Output voltage	max. 3.5 V
Number of loudspeakers (4 Ω)	1
Number of loudspeakers (8 Ω)	2
Number of loudspeakers (20 Ω)	5
Insertion depth	36 mm

* iPod and iPhone are registered trademarks of Apple Inc.

Appropriate adapters must be used for iPhones* from Version 5 and higher.

- buttons for volume control
- stereo Line-Out for connection to the radio touch
- AUX input mini stereo jack for audio source (line or headphones output), e.g. MP3 player
- with 30-pole plug connector for iPhone* up to version 4S and iPod* Touch with the same interface

SUITABLE FOR	ORDER NO.	PAGE
Berker Radio Touch		page 228
Loudspeaker		page 228
Ceiling loudspeaker Ø 140 mm	2885 00 01	184
Ceiling loudspeaker Ø 80 mm	2885 00 00	184

DESIGN	ORDER NO.	PU
polar white glossy	# **2883 89 89**	1
polar white matt	# **2883 99 09**	1
stainless steel matt, lacquered	# **2883 89 16**	1

COVERS FOR PILOT LAMPS



Centre plate for push-button/pilot lamp E10

Cut-out Ø 27.2 mm

- centre plate for plug-in fixing

SUITABLE FOR	ORDER NO.	PAGE
Covers and push-buttons		page 69
LED lamp E10		page 68
Neon lamp E10		page 68
Push-button/pilot lamp E10, NO contact	5101 ..	60

DESIGN	ORDER NO.	PU
white glossy	**1124 89 82**	10
polar white glossy	**1124 89 89**	10
polar white matt	**1124 19 09**	10
anthracite matt	**1124 16 06**	10
aluminium matt, lacquered	**1124 14 04**	10



Centre plate for pilot lamp E14

SUITABLE FOR	ORDER NO.	PAGE
Covers and push-buttons		page 69
LED lamp E14		page 68
Incandescent lamp E14		page 68
Pilot lamp E14	5131 02	61

DESIGN	ORDER NO.	PU
white glossy	**1198 89 82**	10
polar white glossy	**1198 89 89**	10
polar white matt	**1198 19 09**	10
anthracite matt	**1198 16 06**	10
aluminium matt, lacquered	**1198 14 04**	10

Cover for LED orientation/signal light

- with printed label sheets “Bitte warten/Bitte eintreten” and “Do not disturb/make up room”
- with milky foil, for individual labelling

SUITABLE FOR	ORDER NO.	PAGE
LED orientation light	2951	62
LED signal light	2952	62

DESIGN	ORDER NO.	PU
transparent	**1248 19 00**	1



Cover for info pilot lamp

Current consumption	25 mA
Power, LED	800 mW
Service life of the LED	≈ 25000 h

Printed labels supplied: “Nicht eintreten”, “Besetzt”, “Bitte eintreten”, “Bitte Ruhe”, “Bitte warten”.

- with clear cover plate
- with 4 light intensive LEDs
- very long LED lifetime

SUITABLE FOR	ORDER NO.	PAGE
Cover plate for info pilot lamp	1289 ..	69
Info pilot lamp	2949	63

DESIGN	ORDER NO.	PU
white glossy	**1345 89 82**	1
polar white glossy	**1345 89 89**	1
polar white matt	**1345 19 09**	1
anthracite matt	**1345 16 06**	1
aluminium matt, lacquered	**1345 14 04**	1

SUPPLEMENTARY PRODUCTS



Blind plug with centre plate

- on supporting plate without cut-out
- centre plate for plug-in fixing

DESIGN	ORDER NO.	PU
without spreader claws		
white glossy	**1009 89 82**	20
polar white glossy	**1009 89 89**	20
polar white matt	**1009 19 09**	20
anthracite matt	**1009 16 06**	20
aluminium matt, lacquered	**1009 14 04**	20
with base and spreader claws		
white glossy	**67 1009 89 82**	10
polar white glossy	**67 1009 89 89**	10
polar white matt	**67 1009 19 09**	10
anthracite matt	**67 1009 16 06**	10
aluminium matt, lacquered	**67 1009 14 04**	10



Blind plug with centre plate, screw-on

- on supporting plate with large cut-out
- with cover plug for screw fitting
- without spreader claws
- space-saving for relays, etc.
- for customised cut-outs or holes when installing special solutions

DESIGN	ORDER NO.	PU
white glossy	**1009 89 12**	20
polar white glossy	**1009 89 19**	20
polar white matt	**1009 19 19**	20
anthracite matt	**1009 16 16**	20
aluminium matt, lacquered	**1009 14 14**	20



Centre plate for cable outlet

- with an outlet below

SUITABLE FOR	ORDER NO.	PAGE
Cable outlet	4470	167
Cable outlet with low installation depth	4468	167

DESIGN	ORDER NO.	PU
white glossy	**1019 89 82**	10
polar white glossy	**1019 89 89**	10
polar white matt	**1019 19 09**	10
anthracite matt	**1019 16 06**	10
aluminium matt, lacquered	**1019 14 04**	10

HOTEL APPLICATIONS

Centre plates for hotel card switches



Centre plate with imprint for push-button for hotel card

- Red lens

Card width max. 54 mm

Other imprint on request!

- for push-button for hotel card

SUITABLE FOR	ORDER NO.	PAGE
Push-button for hotel card		page 73

DESIGN	ORDER NO.	PU
white glossy	**1640 89 82**	10
polar white glossy	**1640 89 89**	10
polar white matt	**1640 19 09**	10
anthracite matt	**1640 16 06**	10
aluminium matt, lacquered	**1640 14 04**	10

BARRIER-FREE CONSTRUCTION

The following rockers are conformant with DIN 18024-2 and DIN 18025-1 and -2.

SCHUKO socket outlets



SCHUKO socket outlet with hinged cover for barrier-free construction

- Tactile symbol

Rated voltage 250 V~
Rated current 16 A
Conductor cross-section 1 mm² ... 2.5 mm²

Connection terminals according to IEC 60884-1

- with hinged cover that falls back
- with plug-in terminals

i 882

DESIGN	ORDER NO.	PU
polar white matt	**4786 19 49**	10



SCHUKO socket outlet with hinged cover for barrier-free construction

- Tactile symbol
- enhanced contact protection
- Installation position variable in 45° steps

Rated voltage 250 V~
Rated current 16 A

Specially suited to combinations of several socket outlets if right angle plugs are used.
Connection terminals according to IEC 60884-1

- when opening hinged cover, it can be arrested in end position
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals

i 882

DESIGN	ORDER NO.	PU
polar white matt	**4744 19 49**	10

Rockers



Rocker for barrier-free construction

- **Guide for mouth rod**
- **Lens**

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20

DESIGN	ORDER NO.	PU
polar white matt	**1661 19 49**	10



Rocker for barrier-free construction

- **Tactile light symbol**
- **Red lens**

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20

DESIGN	ORDER NO.	PU
polar white matt	**1651 19 49**	10



Rocker for barrier-free construction

- **Tactile bell symbol**
- **Red lens**

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- also for KNX applications: push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker push-buttons		page 20

DESIGN	ORDER NO.	PU
polar white matt	**1651 19 59**	10



Rocker for barrier-free construction

- **Tactile symbol for door opener**
- **Red lens**

- also for KNX applications: push-button, 1gang

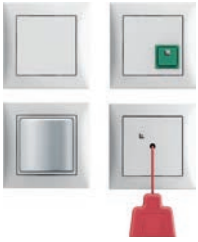
SUITABLE FOR	ORDER NO.	PAGE
Rocker push-buttons		page 20

DESIGN	ORDER NO.	PU
polar white matt	**1651 19 69**	10

HOSPITAL INSTALLATION

Emergency system

- For installation in standard wall boxes according to DIN 49073-1



Emergency call set with frame

Operating voltage 24 V=
Operating temperature -5 ... +40 °C

Set consisting of:
- Pullcord with frame, order no. 5202..
- Pilot lamp with frame, order no. 5203..
- Shut-off push-button with frame, order no. 5201..
- Power supply with frame, order no. 5204..

The emergency call set is used to call for help in public or disabled WCs, doctors' surgeries and old people's homes. It corresponds to the safety requirements according to DIN VDE 0834

- acoustic and visual signalling of an emergency call using pilot lamp after the pullcord push-button has been actuated
- switch-off of emergency call using shut-off push-button at emergency location
- power supply via power supply unit with 24 V AC
- centre plates for plug-in fixing
- with screw terminals
- acoustic call tone switchable on pilot lamp
- call tone can be set as continuous signal or as pulses
- monitoring of devices triggering calls for wire break

SUITABLE FOR	ORDER NO.	PAGE
optional		
Cancellation/presence button with frame	5205 ..	233
Cancellation button with frame	5201 ..	234
Pull button with frame	5202 ..	234
Light signal with frame	5203 ..	234
Mains adapter with frame	5204 ..	234
Call button with frame	5206 ..	233

DESIGN	ORDER NO.	PU
white glossy	**5200 89 82**	1
polar white glossy	**5200 89 89**	1
polar white matt	**5200 99 09**	1



Call button with frame

Operating voltage 24 V=
Operating temperature -5 ... +40 °C

Additional call push-button to, for example, provide a control section in a second room or an additional location to trigger an emergency call.

- with quiet lamp
- with red call button with lens
- as expansion for the emergency call set
- centre plate for plug-in fixing
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Emergency call set with frame	5200 ..	233

DESIGN	ORDER NO.	PU
white glossy	**5206 89 82**	1
polar white glossy	**5206 89 89**	1
polar white matt	**5206 99 09**	1



Cancellation/presence button with frame

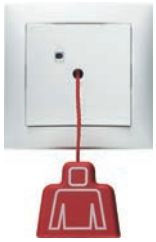
Operating voltage 24 V=
Operating temperature -5 ... +40 °C
Cable length to light signal max. 500 m

Office unit, in order to, for example, indicate an emergency call in an office or a headquarters.

- with yellow shut-off button
- with green presence button
- as expansion for the emergency call set
- centre plate for plug-in fixing
- with screw terminals
- with visual and acoustic alarm encoder

SUITABLE FOR	ORDER NO.	PAGE
Emergency call set with frame	5200 ..	233

DESIGN	ORDER NO.	PU
white glossy	**5205 89 82**	1
polar white glossy	**5205 89 89**	1
polar white matt	**5205 99 09**	1



Pull button with frame

Operating voltage	24 V=
Operating temperature	-5 ... +40 °C

To trigger an emergency call in emergency situations.

- with quiet lamp
- centre plate for plug-in fixing
- for wall and ceiling mounting
- with screw terminals
- with pullcord and knob

SUITABLE FOR	ORDER NO.	PAGE
Emergency call set with frame	5200 ..	233

DESIGN	ORDER NO.	PU
white glossy	**5202 89 82**	1
polar white glossy	**5202 89 89**	1
polar white matt	**5202 99 09**	1



Cancellation button with frame

Operating voltage	24 V=
Operating temperature	-5 ... +40 °C

To switch off the alarm signal (pilot lamp) on arrival at the emergency location.

- with green shut-off button
- centre plate for plug-in fixing
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Emergency call set with frame	5200 ..	233

DESIGN	ORDER NO.	PU
white glossy	**5201 89 82**	1
polar white glossy	**5201 89 89**	1
polar white matt	**5201 99 09**	1



Light signal with frame

Operating voltage	24 V=
Operating temperature	-5 ... +40 °C

For visual and acoustic alarms in emergency situations.
Caution:
Always install the device in a clearly visible location.
Recommendation: use deep box.

- centre plate for plug-in fixing
- call tone received on voltage failure and return
- with potential-free relay contact for call tone forwarding, e.g. to telephone dialler
- with screw terminals
- acoustic call tone switchable on pilot lamp
- call tone can be set as continuous signal or as pulses
- with 4 red LEDs

SUITABLE FOR	ORDER NO.	PAGE
Emergency call set with frame	5200 ..	233

DESIGN	ORDER NO.	PU
white glossy	**5203 89 82**	1
polar white glossy	**5203 89 89**	1
polar white matt	**5203 99 09**	1



Mains adapter with frame

Operating voltage	24 V
Frequency	50 … 60 Hz
Input voltage	100 ... 240 V~
Input current	max. 180 mA
Output current	max. 250 mA
Operating temperature	-5 ... +40 °C

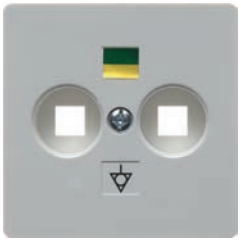
For the power supply of the emergency call system components with 24 V DC.
Recommendation: use deep box.

- centre plate for plug-in fixing
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Emergency call set with frame	5200 ..	233

DESIGN	ORDER NO.	PU
white glossy	**5204 89 82**	1
polar white matt	**5204 99 09**	1
polar white glossy	**5204 89 89**	1

Central plates for hospital installation



Central plate for socket outlet for equipotential bonding

Caution!
Use only with intermediate ring for central plate from the corresponding range.

For double pole socket outlet for floating output according to DIN 42801

■ with imprint

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 225
Socket outlet for floating output	1061	684

DESIGN	ORDER NO.	PU
white glossy	**1403 02**	10
polar white glossy	**1403 09**	10
polar white matt/velvety	**1403 19 09**	10
anthracite matt	**1403 16 06**	10
aluminium matt, lacquered	**1403 14 04**	10



Central plate for 6pole socket outlet

Caution!
Use only with intermediate ring for central plate from the corresponding range.

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 225

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 90 / clino phon 95	71008C
clino opt 99	71008C3
6pole socket outlets	
Hirschmann: Medu 600 GSK	

DESIGN	ORDER NO.	PU
white glossy	**1474 02**	10
polar white glossy	**1474 09**	10
polar white matt/velvety	**1474 19 09**	10
anthracite matt	**1474 16 06**	10
aluminium matt, lacquered	**1474 14 04**	10

Centre plates for Ackermann inserts



Centre plate for nurse call system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

■ centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	72642C 72639A 71197A 72642B

DESIGN	ORDER NO.	PU
white glossy	**1204 89 82**	10
polar white glossy	**1204 89 89**	10
polar white matt	**1204 99 09**	10



Centre plate with plug-in opening for nurse call systems

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

■ centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73070A

DESIGN	ORDER NO.	PU
white glossy	**1298 89 82**	10
polar white glossy	**1298 89 89**	10
polar white matt	**1298 99 09**	10



Centre plate for dropping plug-and-socket connector

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- a-coded for dropping plug-and-socket connector

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	74189A

DESIGN	ORDER NO.	PU
white glossy	**1305 89 82**	10
polar white glossy	**1305 89 89**	10
polar white matt	**1305 99 19**	10



Centre plate with 2 plug-in openings and imprint, for call unit

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call unit with 2 diagnostic plug-in contacts
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73075C 73020G 73021G 73075D

DESIGN	ORDER NO.	PU
white glossy	**1244 89 82**	10
polar white glossy	**1244 89 89**	10
polar white matt	**1244 99 09**	10



Centre plate with plug-in opening, red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button and monitored auxiliary plug-in contact
- for call push-button with plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73071E 73071E2 73075A 73073E

DESIGN	ORDER NO.	PU
white glossy	**1217 89 82**	10
polar white glossy	**1217 89 89**	10
polar white matt	**1217 99 09**	10



Centre plate with 2 plug-in openings, imprint and red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button and plug-in contacts
- for call push-button with diagnostic and auxiliary plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73071D 73071D2 73075B 73073D

DESIGN	ORDER NO.	PU
white glossy	**1218 89 82**	10
polar white glossy	**1218 89 89**	10
polar white matt	**1218 99 09**	10



Centre plate with red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button
- button with lens and imprint
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73071F 73071F2 73073F

DESIGN	ORDER NO.	PU
white glossy	**1216 89 82**	10
polar white glossy	**1216 89 89**	10
polar white matt	**1216 99 09**	10



Centre plate with red button at bottom

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button
- button with lens and imprint
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73022A 73022A2

DESIGN	ORDER NO.	PU
white glossy	**1219 89 82**	10
polar white glossy	**1219 89 89**	10
polar white matt	**1219 99 09**	10



Centre plate with green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- button with lens
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73642C

DESIGN	ORDER NO.	PU
white glossy	**1251 89 82**	10
polar white glossy	**1251 89 89**	10
polar white matt	**1251 99 09**	10



Centre plate with yellow button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- button with lens
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73642D

DESIGN	ORDER NO.	PU
white glossy	**1252 89 82**	10
polar white glossy	**1252 89 89**	10
polar white matt	**1252 99 09**	10



Centre plate with blue button and imprint

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button
- button with lens
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73022A 73022A2

DESIGN	ORDER NO.	PU
white glossy	**1223 89 82**	10
polar white glossy	**1223 89 89**	10
polar white matt	**1223 99 09**	10



Centre plate with white button and imprint

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint “SU-AUS WARTEN”
- button with lens
- centre plate for plug-in fixing
- for office unit

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73640J 73640J2

DESIGN	ORDER NO.	PU
white glossy	**1308 89 82**	10
polar white glossy	**1308 89 89**	10
polar white matt	**1308 99 09**	10



Centre plate with red + green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button and shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73642B2

DESIGN	ORDER NO.	PU
white glossy	**1249 89 82**	10
polar white glossy	**1249 89 89**	10
polar white matt	**1249 99 09**	10



Centre plate with green + yellow button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73642E

DESIGN	ORDER NO.	PU
white glossy	**1253 89 82**	10
polar white glossy	**1253 89 89**	10
polar white matt	**1253 99 09**	10



Centre plate with white + green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint “SU-AUS WARTEN”
- buttons with lens
- centre plate for plug-in fixing
- for office unit

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73642B

DESIGN	ORDER NO.	PU
white glossy	**1299 89 82**	10
polar white glossy	**1299 89 89**	10
polar white matt	**1299 99 09**	10



Centre plate for pneumatic call switch

- Lens

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	70006A 70006B
clino opt 99	70006C

DESIGN	ORDER NO.	PU
white glossy	**1236 89 82**	10
polar white glossy	**1236 89 89**	10
polar white matt	**1236 99 09**	10



Centre plate for pullcord push-button

- Lens

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for pullcord push-button with pullcord and knob
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	70045A3 70046A3 70046A

DESIGN	ORDER NO.	PU
white glossy	**1233 89 82**	10
polar white glossy	**1233 89 89**	10
polar white matt	**1233 99 09**	10



Centre plate with imprinted symbol curve for small sound system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- for earpiece and volume control

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	73120C 73120H

DESIGN	ORDER NO.	PU
white glossy	**1300 89 82**	10
polar white glossy	**1300 89 89**	10
polar white matt	**1300 99 09**	10



Centre plate with imprint “0 - 1 - 2 - 3 - 4 - 5” for small sound system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	73120A

DESIGN	ORDER NO.	PU
white glossy	**1301 89 82**	10
polar white glossy	**1301 89 89**	10
polar white matt	**1301 99 09**	10

Centre plates for Total Walther (Zettler) inserts

Centre plate for socket outlet 15gang

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- for pear push-button, diagnostic units etc.

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Total Walther: Zettler Medicall 800	125.891xS 125.850xS

DESIGN	ORDER NO.	PU
white glossy	**1288 89 22**	10
polar white glossy	**1288 89 29**	10
polar white matt	**1288 19 29**	10

Centre plate for call unit with push-button + socket outlet 15pole

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- for pear push-button, diagnostic units etc.

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Total Walther: Zettler Medicall 800	125.840xS 125.841xS 125.842xS 125.843xS

DESIGN	ORDER NO.	PU
white glossy	**1288 89 32**	10
polar white glossy	**1288 89 39**	10
polar white matt	**1288 19 39**	10

Centre plate for call unit with 2 push-buttons + socket outlet 15pole

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- for pear push-button, diagnostic units etc.

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Total Walther: Zettler Medicall 800	125.830xS 125.831xS 125.832xS

DESIGN	ORDER NO.	PU
white glossy	**1288 89 42**	10
polar white glossy	**1288 89 49**	10
polar white matt	**1288 19 49**	10

Centre plate for call unit with push-button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Total Walther: Zettler Medicall 800	125.810xS 125.811xS 125.812xS 125.813xS 125.814xS 125.815xS 125.816xS 125.892xS 125.893xS

DESIGN	ORDER NO.	PU
white glossy	**1288 89 82**	10
polar white glossy	**1288 89 89**	10
polar white matt	**1288 19 09**	10

Centre plate for call unit with 2 push-buttons

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Total Walther: Zettler Medicall 800	125.892xS 125.893xS 125.820xS 125.821xS 125.822xS 125.823xS 125.824xS 125.825xS 125.826xS 125.827xS 125.891xS

DESIGN	ORDER NO.	PU
white glossy	**1288 89 12**	10
polar white glossy	**1288 89 19**	10
polar white matt	**1288 19 19**	10

Centre plate for pneumatic call switch

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with quiet lamp
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Total Walther: Zettler Medicall 800	125.860xS 125.861xS

DESIGN	ORDER NO.	PU
white glossy	**1288 89 52**	10
polar white glossy	**1288 89 59**	10
polar white matt	**1288 19 59**	10



Centre plate for buzzer

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Total Walther: Zettler Medicall 800 IP	125.800xS

DESIGN	ORDER NO.	PU
polar white matt	**1288 19 69**	10



Berker

FRAMES 246-249
SURFACE-MOUNTED HOUSINGS 249

Berker S.1 stands for "Standard" in two different aspects: on the one hand, because this switch range has set real standards in the fields of elegance, functionality and timelessness. On the other hand, because these qualities have made it a popular standard in offices and homes.

- Modular concept, ergonomic design and square shape guarantee ease of handling.
- Clean form harmonises with extremely diverse surroundings and is suitable for a wide range of applications
- Combination frames allow you to combine up to 5 devices vertically or horizontally.
- Available surfaces: polar white matt, white and polar white glossy

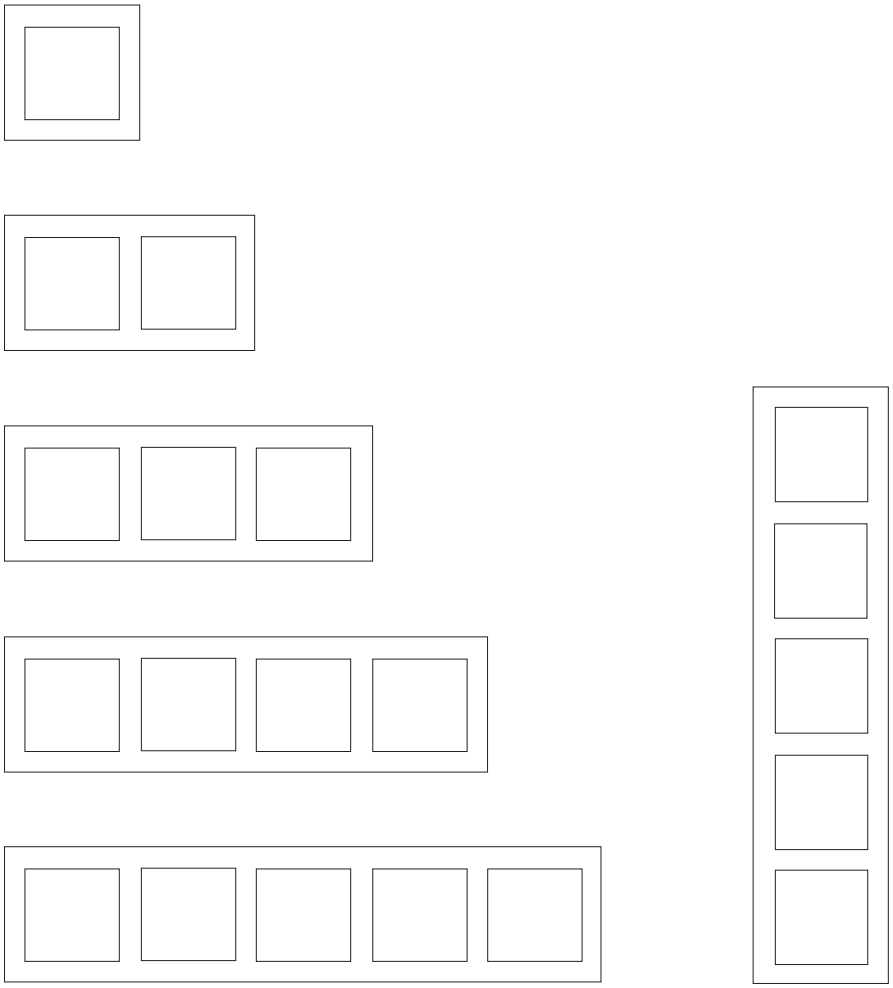
Design Award Winner 2000

GOOD DESIGN

Frames 1gang
W 80.5 mm x H 80.5 mm, 1gang

Frames 2 to 5gang, horizontal
W 151.5 mm x H 80.5 mm, 2gang
W 223 mm x H 80.5 mm, 3gang
W 294 mm x H 80.5 mm, 4gang
W 365 mm x H 80.5 mm, 5gang

Frames 2 to 5gang, vertical
H 151.5 mm x W 80.5 mm, 2gang
H 223 mm x W 80.5 mm, 3gang
H 294 mm x W 80.5 mm, 4gang
H 365 mm x W 80.5 mm, 5gang



PRODUCT EXAMPLES





SURFACES
FRAMES/COVERS/CENTRAL INSERTS

Plastic, matt
Polar white similar to RAL 9010
Anthracite similar to RAL 7021

Plastic, glossy
White similar to RAL 1013
Polar white similar to RAL 9010
Red similar to RAL 3003

CENTRAL PLATES

Plastic, matt lacquered
Polar white similar to RAL 9010

Plastic, glossy
White similar to RAL 1013
Polar white similar to RAL 9010







FRAMES



Frame

- for vertical and horizontal mounting

i 953

DESIGN	ORDER NO.	PU
white glossy, 1gang	**1011 89 82**	10
white glossy, 2gang	**1012 89 82**	10
white glossy, 3gang	**1013 89 82**	10
white glossy, 4gang	**1014 89 82**	2
white glossy, 5gang	**1015 89 82**	2



Frame

- for vertical and horizontal mounting

i 953

DESIGN	ORDER NO.	PU
polar white glossy, 1gang	**1011 89 89**	10
polar white glossy, 2gang	**1012 89 89**	10
polar white glossy, 3gang	**1013 89 89**	10
polar white glossy, 4gang	**1014 89 89**	2
polar white glossy, 5gang	**1015 89 89**	2
polar white matt, 1gang	**1011 99 09**	10
polar white matt, 2gang	**1012 99 09**	10
polar white matt, 3gang	**1013 99 09**	10
polar white matt, 4gang	**1014 99 09**	10
polar white matt, 5gang	**1015 99 09**	2

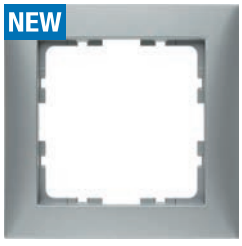


Frame

- for vertical and horizontal mounting

i 953

DESIGN	ORDER NO.	PU
anthracite matt, 1gang	* **1011 99 49**	10
anthracite matt, 2gang	* **1012 99 49**	10
anthracite matt, 3gang	* **1013 99 49**	10
anthracite matt, 4gang	* **1014 99 49**	2
anthracite matt, 5gang	* **1015 99 49**	2



Frame

- for vertical and horizontal mounting

i 953

DESIGN	ORDER NO.	PU
aluminium matt, 1gang	* **1011 99 39**	10
aluminium matt, 2gang	* **1012 99 39**	10
aluminium matt, 3gang	* **1013 99 39**	10
aluminium matt, 4gang	* **1014 99 39**	2
aluminium matt, 5gang	* **1015 99 39**	2



Frame

- for emphasising special switches, socket outlets, etc.
- for vertical and horizontal mounting

i 953

DESIGN	ORDER NO.	PU
red glossy, 1gang	**1011 89 62**	10
red glossy, 2gang	**1012 89 62**	2
red glossy, 3gang	**1013 89 62**	2
red glossy, 4gang	**1014 89 62**	2
red glossy, 5gang	**1015 89 62**	2

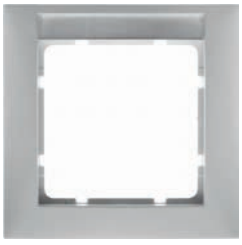


Frame
- Labelling field



Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
white glossy, 1gang	**1011 89 12**	10
white glossy, 2gang vertical	**1012 89 12**	10
white glossy, 3gang vertical	**1013 89 12**	10
white glossy, 2gang horizontal	**1022 89 12**	10
white glossy, 3gang horizontal	**1023 89 12**	10



Frame
- Labelling field



Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
polar white glossy, 1gang	**1011 89 19**	10
polar white glossy, 2gang vertical	**1012 89 19**	10
polar white glossy, 3gang vertical	**1013 89 19**	10
polar white glossy, 2gang horizontal	**1022 89 19**	10
polar white glossy, 3gang horizontal	**1023 89 19**	10
polar white matt, 1gang	**1011 99 19**	10
polar white matt, 2gang vertical	**1012 99 19**	10
polar white matt, 3gang vertical	**1013 99 19**	10
polar white matt, 2gang horizontal	**1022 99 19**	10
polar white matt, 3gang horizontal	**1023 99 19**	10



Frame
- Labelling field

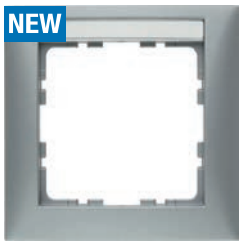


Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
anthracite matt, 1gang	* **1011 99 69**	10
anthracite matt, 2gang vertical	* **1012 99 69**	10
anthracite matt, 3gang vertical	* **1013 99 69**	10
anthracite matt, 2gang horizontal	* **1022 99 69**	10
anthracite matt, 3gang horizontal	* **1023 99 69**	10

S.1
B.3
B.7

NEW



Frame

- Labelling field



Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
aluminium matt, 1gang	* **1011 99 59**	10
aluminium matt, 2gang vertical	* **1012 99 59**	10
aluminium matt, 3gang vertical	* **1013 99 59**	10
aluminium matt, 2gang horizontal	* **1022 99 59**	10
aluminium matt, 3gang horizontal	* **1023 99 59**	10

Frames with large cut-out

- For vertical mounting
- Not suitable for surface-mounted housing.



Frame with large cut-out

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 80	693
Push-button 4gang comfort	7516 47 80	765
Push-button 4gang for light scenes	7516 88 80	767
Push-button 3gang with thermostat	7566 37 80	768
Push-button 5gang with thermostat	7566 57 80	768

i 953

DESIGN	ORDER NO.	PU
white glossy	**1309 89 82**	10



Frame with large cut-out

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 80	693
Push-button 4gang comfort	7516 47 80	765
Push-button 4gang for light scenes	7516 88 80	767
Push-button 3gang with thermostat	7566 37 80	768
Push-button 5gang with thermostat	7566 57 80	768

i 953

DESIGN	ORDER NO.	PU
polar white glossy	**1309 89 89**	10
polar white matt	**1309 99 09**	10

NEW



Frame with large cut-out

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 85	693
Push-button 4gang comfort	7516 47 85	765
Push-button 4gang for light scenes	7516 88 85	767
Push-button 3gang with thermostat	7566 37 85	768
Push-button 5gang with thermostat	7566 57 85	768

i 953

DESIGN	ORDER NO.	PU
anthracite matt	* **1309 99 49**	10



Frame with large cut-out

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 85	693
Push-button 4gang comfort	7516 47 85	765
Push-button 4gang for light scenes	7516 88 85	767
Push-button 3gang with thermostat	7566 37 85	768
Push-button 5gang with thermostat	7566 57 85	768

i 953

DESIGN	ORDER NO.	PU
aluminium matt	* **1309 99 39**	10

SURFACE-MOUNTED HOUSINGS



Housing surface-mounted

Insertion depth 37 mm

Flush-mounted devices can be used with the surface-mounted housings for surface-mounted installation.

For matching pipe lead-ins and replacement for cable and duct entries, refer to the chapter DRY SURFACE-MOUNTED INSTALLATION.

- entry at top and bottom possible
- with cable and duct entry
- for mounting on combustible base surface
- for vertical and horizontal mounting

SUITABLE FOR	ORDER NO.	PAGE
optional		
Entries/connectors		page 649

DESIGN	ORDER NO.	PU
white glossy, 1gang	**1041 89 82**	10
white glossy, 2gang	**1042 89 82**	5
white glossy, 3gang	**1043 89 82**	5
polar white glossy, 1gang	**1041 89 89**	10
polar white glossy, 2gang	**1042 89 89**	5
polar white glossy, 3gang	**1043 89 89**	5
polar white matt, 1gang	**1041 99 09**	10
polar white matt, 2gang	**1042 99 09**	5
polar white matt, 3gang	**1043 99 09**	5
anthracite matt, 1gang	* **1041 99 49**	10
anthracite matt, 2gang	* **1042 99 49**	5
anthracite matt, 3gang	* **1043 99 49**	5
aluminium matt, 1gang	* **1041 99 39**	10
aluminium matt, 2gang	* **1042 99 39**	5
aluminium matt, 3gang	* **1043 99 39**	5



Berker

FRAMES 254-258
SURFACE-MOUNTED HOUSINGS 258

Contrasts enrich life, and, with B.3, contrasts are essentially built in. Highly-individual combinations can be created from a wide range of frame variants with polar white and anthracite rockers and central inserts. An absolute innovation are the B.3 frames, made of black, brown, gold or red anodised aluminium.

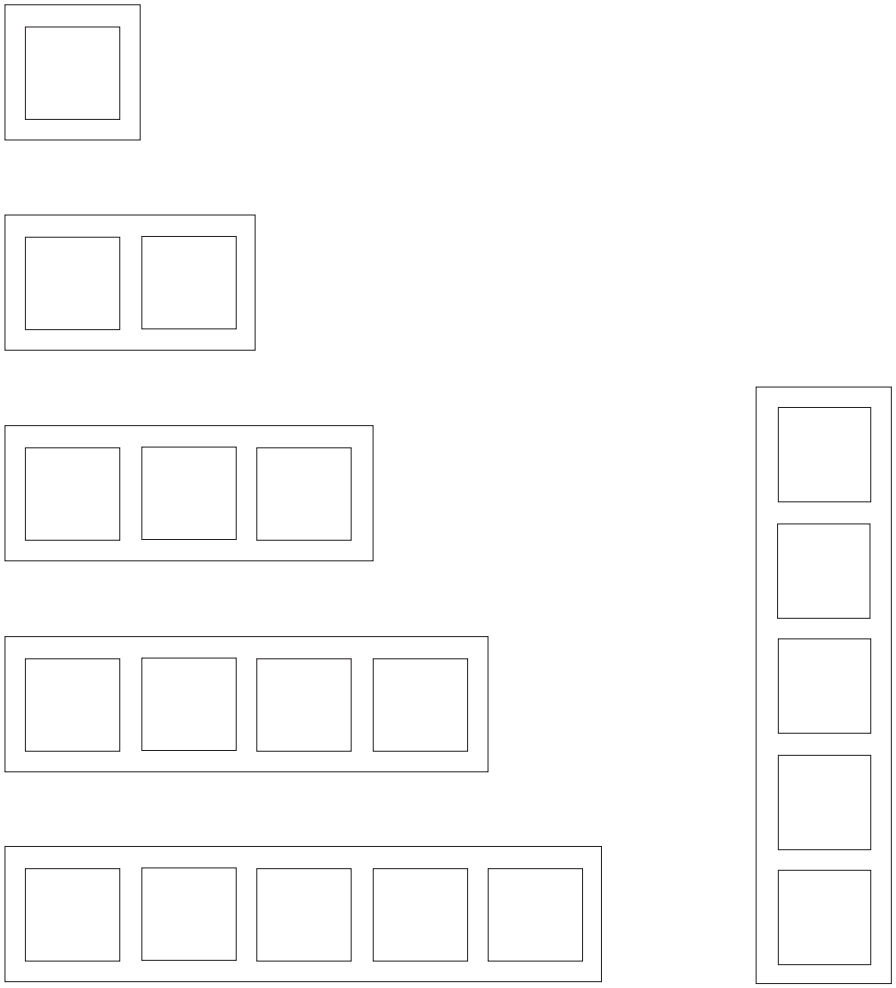
- Incisive design with high-quality aluminium frame
- Integrates perfectly into any modern interior design style – whether in the home or office
- Combination frames allow you to combine up to 5 devices vertically or horizontally.

Design Award Winner 2000

Frame, 1gang
W 90.7 mm x H 81.1 mm, 1gang

Frame, 2 to 5gang, horizontal
W 152.1 mm x H 90.7 mm, 2gang
W 223.1 mm x H 90.7 mm, 3gang
W 294.1 mm x H 90.7 mm, 4gang
W 365.1 mm x H 90.7 mm, 5gang

Frames 2 to 5gang, vertical
H 152.1 mm x W 90.7 mm, 2gang
H 223.1 mm x W 90.7 mm, 3gang
H 294.1 mm x W 90.7 mm, 4gang
H 365.1 mm x W 90.7 mm, 5gang



PRODUCT EXAMPLES







SURFACES FRAMES	COVERS / CENTRAL INSERTS	CENTRAL PLATES
Aluminium	Plastic, matt	Plastic, matt
black	Anthracite similar to RAL 7021	Anthracite similar to RAL 7021
brown	Polar white similar to RAL 9010	Polar white similar to RAL 9010
red		
gold	Plastic, glossy	Plastic, glossy
	Polar white similar to RAL 9010	Polar white similar to RAL 9010







FRAMES

- For vertical and horizontal mounting
- Metal, aluminum profile



Frame

i 953

DESIGN	ORDER NO.	PU
Aluminium/polar white matt, aluminium anodised, 1gang	**1011 39 04**	10
Aluminium/polar white matt, aluminium anodised, 2gang	**1012 39 04**	10
Aluminium/polar white matt, aluminium anodised, 3gang	**1013 39 04**	10
Aluminium/polar white matt, aluminium anodised, 4gang	**1014 39 04**	2
Aluminium/polar white matt, aluminium anodised, 5gang	**1015 39 04**	2



Frame

i 953

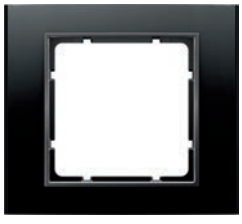
DESIGN	ORDER NO.	PU
aluminium/anthracite matt, aluminium anodised, 1gang	**1011 30 04**	10
aluminium/anthracite matt, aluminium anodised, 2gang	**1012 30 04**	10
aluminium/anthracite matt, aluminium anodised, 3gang	**1013 30 04**	10
aluminium/anthracite matt, aluminium anodised, 4gang	**1014 30 04**	2
aluminium/anthracite matt, aluminium anodised, 5gang	**1015 30 04**	2



Frame

i 953

DESIGN	ORDER NO.	PU
Aluminium black/polar white matt, aluminium anodised, 1gang	**1011 30 25**	10
Aluminium black/polar white matt, aluminium anodised, 2gang	**1012 30 25**	10
Aluminium black/polar white matt, aluminium anodised, 3gang	**1013 30 25**	10
Aluminium black/polar white matt, aluminium anodised, 4gang	**1014 30 25**	2
Aluminium black/polar white matt, aluminium anodised, 5gang	**1015 30 25**	2



Frame

i 953

DESIGN	ORDER NO.	PU
Aluminium black/anthracite matt, aluminium anodised, 1gang	**1011 30 05**	10
Aluminium black/anthracite matt, aluminium anodised, 2gang	**1012 30 05**	10
Aluminium black/anthracite matt, aluminium anodised, 3gang	**1013 30 05**	10
Aluminium black/anthracite matt, aluminium anodised, 4gang	**1014 30 05**	2
Aluminium black/anthracite matt, aluminium anodised, 5gang	**1015 30 05**	2



Frame

i 953

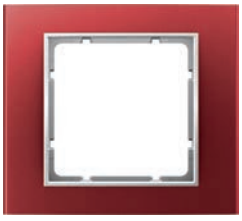
DESIGN	ORDER NO.	PU
Aluminium brown/polar white matt, aluminium anodised, 1gang	**1011 30 21**	10
Aluminium brown/polar white matt, aluminium anodised, 2gang	**1012 30 21**	10
Aluminium brown/polar white matt, aluminium anodised, 3gang	**1013 30 21**	10
Aluminium brown/polar white matt, aluminium anodised, 4gang	**1014 30 21**	2
Aluminium brown/polar white matt, aluminium anodised, 5gang	**1015 30 21**	2



Frame

i 953

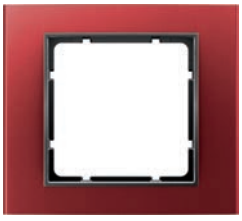
DESIGN	ORDER NO.	PU
Aluminium brown/anthracite matt, aluminium anodised, 1gang	**1011 30 01**	10
Aluminium brown/anthracite matt, aluminium anodised, 2gang	**1012 30 01**	10
Aluminium brown/anthracite matt, aluminium anodised, 3gang	**1013 30 01**	10
Aluminium brown/anthracite matt, aluminium anodised, 4gang	**1014 30 01**	2
Aluminium brown/anthracite matt, aluminium anodised, 5gang	**1015 30 01**	2



Frame

i 953

DESIGN	ORDER NO.	PU
Aluminium red/polar white matt, aluminium anodised, 1gang	**1011 30 22**	10
Aluminium red/polar white matt, aluminium anodised, 2gang	**1012 30 22**	10
Aluminium red/polar white matt, aluminium anodised, 3gang	**1013 30 22**	10
Aluminium red/polar white matt, aluminium anodised, 4gang	**1014 30 22**	2
Aluminium red/polar white matt, aluminium anodised, 5gang	**1015 30 22**	2



Frame

i 953

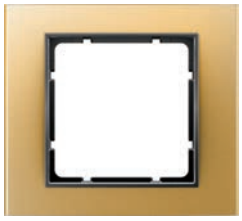
DESIGN	ORDER NO.	PU
Aluminium red/anthracite matt, aluminium anodised, 1gang	**1011 30 12**	10
Aluminium red/anthracite matt, aluminium anodised, 2gang	**1012 30 12**	10
Aluminium red/anthracite matt, aluminium anodised, 3gang	**1013 30 12**	10
Aluminium red/anthracite matt, aluminium anodised, 4gang	**1014 30 12**	2
Aluminium red/anthracite matt, aluminium anodised, 5gang	**1015 30 12**	2



Frame

i 953

DESIGN	ORDER NO.	PU
Aluminium gold/polar white matt, aluminium anodised, 1gang	**1011 30 46**	10
Aluminium gold/polar white matt, aluminium anodised, 2gang	**1012 30 46**	10
Aluminium gold/polar white matt, aluminium anodised, 3gang	**1013 30 46**	10
Aluminium gold/polar white matt, aluminium anodised, 4gang	**1014 30 46**	2
Aluminium gold/polar white matt, aluminium anodised, 5gang	**1015 30 46**	2



Frame

i 953

DESIGN	ORDER NO.	PU
Aluminium gold/anthracite matt, aluminium anodised, 1gang	**1011 30 16**	10
Aluminium gold/anthracite matt, aluminium anodised, 2gang	**1012 30 16**	10
Aluminium gold/anthracite matt, aluminium anodised, 3gang	**1013 30 16**	10
Aluminium gold/anthracite matt, aluminium anodised, 4gang	**1014 30 16**	2
Aluminium gold/anthracite matt, aluminium anodised, 5gang	**1015 30 16**	2

Frames with large cut-out

- For vertical mounting
- Metal, aluminum profile
- Not suitable for surface-mounted housing.



Frame with large cut-out

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 80	693
Push-button 4gang comfort	7516 47 80	765
Push-button 4gang for light scenes	7516 88 80	767
Push-button 3gang with thermostat	7566 37 80	768
Push-button 5gang with thermostat	7566 57 80	768

i 953

DESIGN	ORDER NO.	PU
Aluminium/polar white matt, aluminium anodised	**1309 39 04**	1



Frame with large cut-out

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 85	693
Push-button 4gang comfort	7516 47 85	765
Push-button 4gang for light scenes	7516 88 85	767
Push-button 3gang with thermostat	7566 37 85	768
Push-button 5gang with thermostat	7566 57 85	768

i 953

DESIGN	ORDER NO.	PU
aluminium/anthracite matt, aluminium anodised	**1309 30 04**	1



Frame with large cut-out

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 80	693
Push-button 4gang comfort	7516 47 80	765
Push-button 4gang for light scenes	7516 88 80	767
Push-button 3gang with thermostat	7566 37 80	768
Push-button 5gang with thermostat	7566 57 80	768

i 953

DESIGN	ORDER NO.	PU
Aluminium black/polar white matt, aluminium anodised	**1309 30 25**	1



Frame with large cut-out

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 85	693
Push-button 4gang comfort	7516 47 85	765
Push-button 4gang for light scenes	7516 88 85	767
Push-button 3gang with thermostat	7566 37 85	768
Push-button 5gang with thermostat	7566 57 85	768

i 953

DESIGN	ORDER NO.	PU
Aluminium black/anthracite matt, aluminium anodised	**1309 30 05**	1



Frame with large cut-out

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 80	693
Push-button 4gang comfort	7516 47 80	765
Push-button 4gang for light scenes	7516 88 80	767
Push-button 3gang with thermostat	7566 37 80	768
Push-button 5gang with thermostat	7566 57 80	768

i 953

DESIGN	ORDER NO.	PU
Aluminium brown/polar white matt, aluminium anodised	**1309 30 21**	1



Frame with large cut-out

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 85	693
Push-button 4gang comfort	7516 47 85	765
Push-button 4gang for light scenes	7516 88 85	767
Push-button 3gang with thermostat	7566 37 85	768
Push-button 5gang with thermostat	7566 57 85	768

i 953

DESIGN	ORDER NO.	PU
Aluminium brown/anthracite matt, aluminium anodised	**1309 30 01**	1



Frame with large cut-out

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 80	693
Push-button 4gang comfort	7516 47 80	765
Push-button 4gang for light scenes	7516 88 80	767
Push-button 3gang with thermostat	7566 37 80	768
Push-button 5gang with thermostat	7566 57 80	768

i 953

DESIGN	ORDER NO.	PU
Aluminium red/polar white matt, aluminium anodised	**1309 30 22**	1

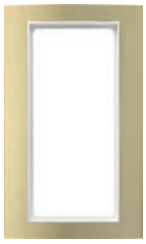


Frame with large cut-out

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 85	693
Push-button 4gang comfort	7516 47 85	765
Push-button 4gang for light scenes	7516 88 85	767
Push-button 3gang with thermostat	7566 37 85	768
Push-button 5gang with thermostat	7566 57 85	768

i 953

DESIGN	ORDER NO.	PU
Aluminium red/anthracite matt, aluminium anodised	**1309 30 12**	1



Frame with large cut-out

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 80	693
Push-button 4gang comfort	7516 47 80	765
Push-button 4gang for light scenes	7516 88 80	767
Push-button 3gang with thermostat	7566 37 80	768
Push-button 5gang with thermostat	7566 57 80	768

i 953

DESIGN	ORDER NO.	PU
Aluminium gold/polar white matt, aluminium anodised	**1309 30 46**	1



Frame with large cut-out

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 85	693
Push-button 4gang comfort	7516 47 85	765
Push-button 4gang for light scenes	7516 88 85	767
Push-button 3gang with thermostat	7566 37 85	768
Push-button 5gang with thermostat	7566 57 85	768

i 953

DESIGN	ORDER NO.	PU
Aluminium gold/anthracite matt, aluminium anodised	**1309 30 16**	1

SURFACE-MOUNTED HOUSINGS



Housing surface-mounted

Insertion depth 37 mm

Flush-mounted devices can be used with the surface-mounted housings for surface-mounted installation.

For matching pipe lead-ins and replacement for cable and duct entries, refer to the chapter DRY SURFACE-MOUNTED INSTALLATION.

- entry at top and bottom possible
- with cable and duct entry
- for mounting on combustible base surface

SUITABLE FOR	ORDER NO.	PAGE
optional		
Entries/connectors		page 649

DESIGN	ORDER NO.	PU
polar white matt, 1gang	**1041 19 09**	10
polar white matt, 2gang vertical	**1042 19 09**	5
polar white matt, 3gang vertical	**1043 19 09**	5
anthracite matt, 1gang	**1041 16 06**	10
anthracite matt, 2gang vertical	**1042 16 06**	5
anthracite matt, 3gang vertical	**1043 16 06**	5



Berker

FRAMES 264-268

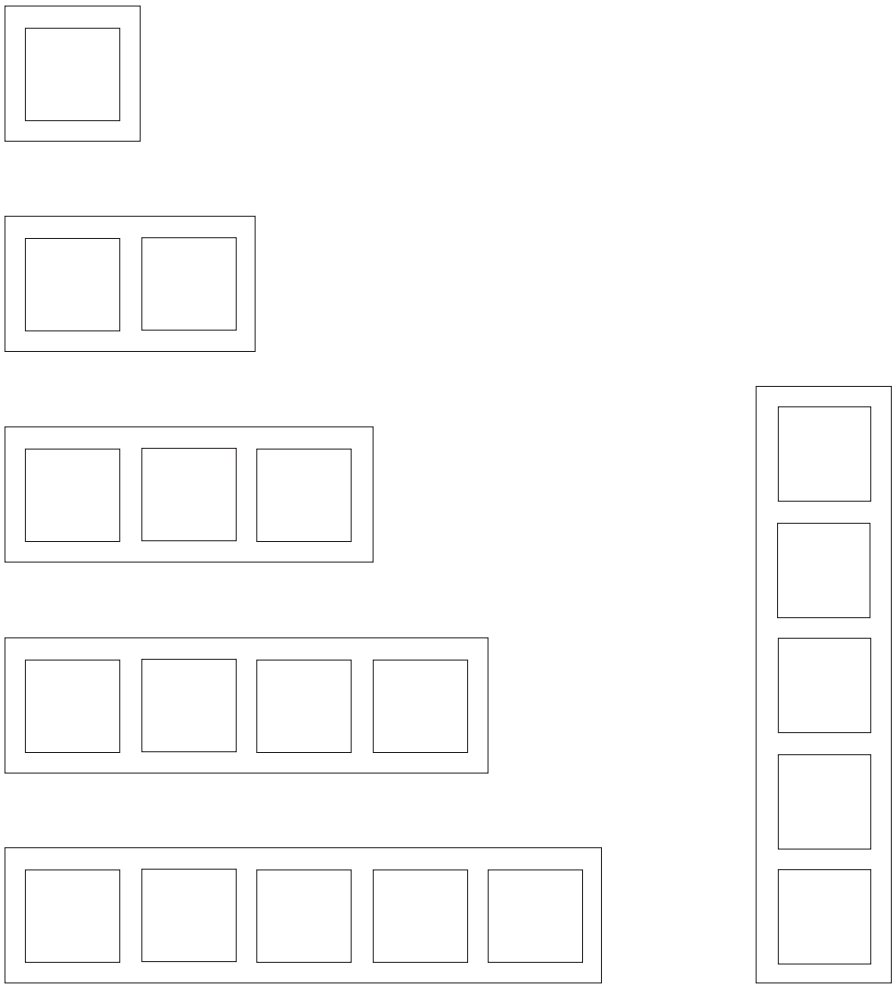
Gives every switch the right frame: In addition to glass frame varieties, the Berker B.7 is now available with plastic, stainless steel and aluminium frames. This version is a harmonious addition to the switches of the Berker TS Sensor and Berker B.IQ ranges.

- High-quality designs in glass, stainless steel, aluminium and plastic
- Complements Berker TS Sensor and Berker B.IQ
- Multiple frames vertical or horizontal for up to five devices

Frame, 1-gang
W 95 mm x H 90 mm, 1gang

Frame, 2 to 5gang, horizontal
W 161 mm x H 95 mm, 2gang
W 232 mm x H 95 mm, 3gang
W 303 mm x H 95 mm, 4gang
W 384 mm x H 95 mm, 5gang

Frames 2 to 5gang, vertical
H 161 mm x W 95 mm, 2gang
H 232 mm x W 95 mm, 3gang
H 303 mm x W 95 mm, 4gang
H 384 mm x W 95 mm, 5gang



PRODUCT EXAMPLES







SURFACES
FRAMES

Glass, glossy, print on the back
Polar white* similar to RAL 9010
Black similar to RAL 9005
Aluminium similar to RAL 9006
Plastic, matt
Polar white similar to RAL 9010
Anthracite similar to RAL 9005
Aluminium,
lacquered similar to RAL 9006
Metal
Aluminium
Stainless steel

COVERS /
CENTRAL INSERTS

Plastic, matt
Polar white similar to RAL 9010
Anthracite similar to RAL 7021
Aluminium,
lacquered similar to RAL 9006

Plastic, glossy
Polar white similar to RAL 9010

CENTRAL PLATES

Plastic, matt
Anthracite similar to RAL 7021
Polar white similar to RAL 9010

Plastic, glossy
Polar white similar to RAL 9010



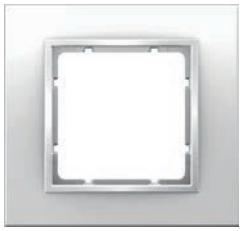





* New shade

FRAMES

- Not suitable for surface-mounted housing
- For vertical and horizontal mounting



Frame

- plastic

i 953

DESIGN	ORDER NO.	PU
polar white matt, 1gang	**1011 69 19**	10
polar white matt, 2gang	**1012 69 19**	5
polar white matt, 3gang	**1013 69 19**	5
polar white matt, 4gang	**1014 69 19**	1
polar white matt, 5gang	**1015 69 19**	1

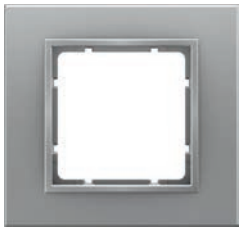


Frame

- plastic

i 953

DESIGN	ORDER NO.	PU
anthracite matt, 1gang	**1011 66 26**	10
anthracite matt, 2gang	**1012 66 26**	5
anthracite matt, 3gang	**1013 66 26**	5
anthracite matt, 4gang	**1014 66 26**	1
anthracite matt, 5gang	**1015 66 26**	1

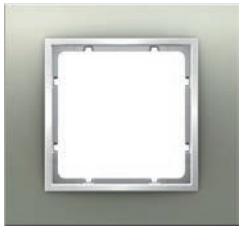


Frame

- plastic

i 953

DESIGN	ORDER NO.	PU
aluminium matt, lacquered, 1gang	**1011 64 24**	10
aluminium matt, lacquered, 2gang	**1012 64 24**	5
aluminium matt, lacquered, 3gang	**1013 64 24**	5
aluminium matt, lacquered, 4gang	**1014 64 24**	1
aluminium matt, lacquered, 5gang	**1015 64 24**	1

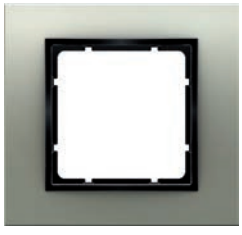


Frame

- metal, aluminum profile anodized

i 953

DESIGN	ORDER NO.	PU
Aluminium/polar white matt, aluminium anodised, 1gang	**1011 69 14**	10
Aluminium/polar white matt, aluminium anodised, 2gang	**1012 69 14**	5
Aluminium/polar white matt, aluminium anodised, 3gang	**1013 69 14**	5
Aluminium/polar white matt, aluminium anodised, 4gang	**1014 69 14**	1
Aluminium/polar white matt, aluminium anodised, 5gang	**1015 69 14**	1

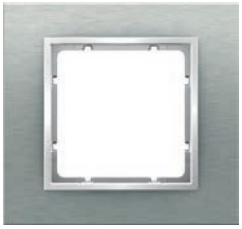


Frame

- metal, aluminum profile anodized

i 953

DESIGN	ORDER NO.	PU
aluminium/anthracite matt, aluminium anodised, 1gang	**1011 69 04**	10
aluminium/anthracite matt, aluminium anodised, 2gang	**1012 69 04**	5
aluminium/anthracite matt, aluminium anodised, 3gang	**1013 69 04**	5
aluminium/anthracite matt, aluminium anodised, 4gang	**1014 69 04**	1
aluminium/anthracite matt, aluminium anodised, 5gang	**1015 69 04**	1

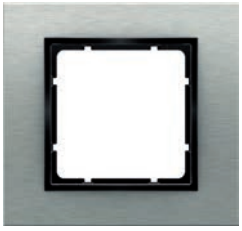


Frame

■ metal, stainless steel, brushed

i 953

DESIGN	ORDER NO.	PU
Stainless steel/polar white matt, metal brushed, 1gang	**1011 36 09**	10
Stainless steel/polar white matt, metal brushed, 2gang vertical	**1012 36 09**	5
Stainless steel/polar white matt, metal brushed, 3gang vertical	**1013 36 09**	5
Stainless steel/polar white matt, metal brushed, 4gang vertical	**1014 36 09**	1
Stainless steel/polar white matt, metal brushed, 5gang vertical	**1015 36 09**	1
Stainless steel/polar white matt, metal brushed, 2gang horizontal	**1022 36 09**	5
Stainless steel/polar white matt, metal brushed, 3gang horizontal	**1023 36 09**	5
Stainless steel/polar white matt, metal brushed, 4gang horizontal	**1024 36 09**	1
Stainless steel/polar white matt, metal brushed, 5gang horizontal	**1025 36 09**	1



Frame

■ metal, stainless steel, brushed

i 953

DESIGN	ORDER NO.	PU
Stainless steel/anthracite matt, metal brushed, 1gang	**1011 36 06**	10
Stainless steel/anthracite matt, metal brushed, 2gang vertical	**1012 36 06**	5
Stainless steel/anthracite matt, metal brushed, 3gang vertical	**1013 36 06**	5
Stainless steel/anthracite matt, metal brushed, 4gang vertical	**1014 36 06**	1
Stainless steel/anthracite matt, metal brushed, 5gang vertical	**1015 36 06**	1
Stainless steel/anthracite matt, metal brushed, 2gang horizontal	**1022 36 06**	5
Stainless steel/anthracite matt, metal brushed, 3gang horizontal	**1023 36 06**	5
Stainless steel/anthracite matt, metal brushed, 4gang horizontal	**1024 36 06**	1
Stainless steel/anthracite matt, metal brushed, 5gang horizontal	**1025 36 06**	1



Frame

■ toughened glass

i 953

DESIGN	ORDER NO.	PU
glass polar white/polar white matt, 1gang	**1011 69 09**	10
glass polar white/polar white matt, 2gang	**1012 69 09**	5
glass polar white/polar white matt, 3gang	**1013 69 09**	5
glass polar white/polar white matt, 4gang	**1014 69 09**	1
glass polar white/polar white matt, 5gang	**1015 69 09**	1



Frame

- toughened glass

i 953

DESIGN	ORDER NO.	PU
glass black/anthracite matt, 1gang	**1011 66 16**	10
glass black/anthracite matt, 2gang	**1012 66 16**	5
glass black/anthracite matt, 3gang	**1013 66 16**	5
glass black/anthracite matt, 4gang	**1014 66 16**	1
glass black/anthracite matt, 5gang	**1015 66 16**	1



Frame

- toughened glass

i 953

DESIGN	ORDER NO.	PU
glass aluminium/aluminium matt, lacquered, 1gang	**1011 64 14**	10
glass aluminium/aluminium matt, lacquered, 2gang	**1012 64 14**	5
glass aluminium/aluminium matt, lacquered, 3gang	**1013 64 14**	5
glass aluminium/aluminium matt, lacquered, 4gang	**1014 64 14**	1
glass aluminium/aluminium matt, lacquered, 5gang	**1015 64 14**	1

Frames with large cut-out

- For vertical mounting
- Not suitable for surface-mounted housing.



Frame with large cut-out

- plastic

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 80	693
Push-button 4gang comfort	7516 47 80	765
Push-button 4gang for light scenes	7516 88 80	767
Push-button 3gang with thermostat	7566 37 80	768
Push-button 5gang with thermostat	7566 57 80	768

i 953

DESIGN	ORDER NO.	PU
polar white matt, lacquered	**1309 69 19**	2



Frame with large cut-out

- plastic

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 85	693
Push-button 4gang comfort	7516 47 85	765
Push-button 4gang for light scenes	7516 88 85	767
Push-button 3gang with thermostat	7566 37 85	768
Push-button 5gang with thermostat	7566 57 85	768

i 953

DESIGN	ORDER NO.	PU
anthracite matt, lacquered	**1309 66 26**	2



Frame with large cut-out

- plastic

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 80 ..	693
Push-button 4gang comfort	7516 47 80 ..	765
Push-button 4gang for light scenes	7516 88 80 ..	767
Push-button 3gang with thermostat	7566 37 80 ..	768
Push-button 5gang with thermostat	7566 57 80 ..	768

i 953

DESIGN	ORDER NO.	PU
aluminium matt, lacquered	**1309 64 24**	2



Frame with large cut-out

- metal, aluminum profile anodized

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 80	693
Push-button 4gang comfort	7516 47 80	765
Push-button 4gang for light scenes	7516 88 80	767
Push-button 3gang with thermostat	7566 37 80	768
Push-button 5gang with thermostat	7566 57 80	768

i 953

DESIGN	ORDER NO.	PU
Aluminium/polar white matt, aluminium anodised	**1309 69 14**	2



Frame with large cut-out

- metal, aluminum profile anodized

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 85	693
Push-button 4gang comfort	7516 47 85	765
Push-button 4gang for light scenes	7516 88 85	767
Push-button 3gang with thermostat	7566 37 85	768
Push-button 5gang with thermostat	7566 57 85	768

i 953

DESIGN	ORDER NO.	PU
aluminium/anthracite matt, aluminium anodised	**1309 69 04**	2



Frame with large cut-out

- stainless steel surface, brushed transversely

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 80	693
Push-button 4gang comfort	7516 47 80	765
Push-button 4gang for light scenes	7516 88 80	767
Push-button 3gang with thermostat	7566 37 80	768
Push-button 5gang with thermostat	7566 57 80	768

i 953

DESIGN	ORDER NO.	PU
Stainless steel/polar white matt, metal brushed	**1309 36 09**	2



Frame with large cut-out

- stainless steel surface, brushed transversely

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 85	693
Push-button 4gang comfort	7516 47 85	765
Push-button 4gang for light scenes	7516 88 85	767
Push-button 3gang with thermostat	7566 37 85	768
Push-button 5gang with thermostat	7566 57 85	768

i 953

DESIGN	ORDER NO.	PU
Stainless steel/anthracite matt, metal brushed	**1309 36 06**	2



Glass frame with large cut-out

- toughened glass

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 80	693
Push-button 4gang comfort	7516 47 80	765
Push-button 4gang for light scenes	7516 88 80	767
Push-button 3gang with thermostat	7566 37 80	768
Push-button 5gang with thermostat	7566 57 80	768

i 953

DESIGN	ORDER NO.	PU
glass polar white/polar white matt	**1309 69 09**	2



Glass frame with large cut-out

- toughened glass

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 85	693
Push-button 4gang comfort	7516 47 85	765
Push-button 4gang for light scenes	7516 88 85	767
Push-button 3gang with thermostat	7566 37 85	768
Push-button 5gang with thermostat	7566 57 85	768

i 953

DESIGN	ORDER NO.	PU
glass black/anthracite matt	**1309 66 16**	2



Glass frame with large cut-out

- toughened glass

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 80	693
Push-button 4gang comfort	7516 47 80	765
Push-button 4gang for light scenes	7516 88 80	767
Push-button 3gang with thermostat	7566 37 80	768
Push-button 5gang with thermostat	7566 57 80	768

i 953

DESIGN	ORDER NO.	PU
glass aluminium/aluminium matt, lacquered	**1309 64 14**	2



Berker

SCHUKO SOCKET OUTLETS	272-278
FLUSH-MOUNTED SAFETY DEVICES	279
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Quality always comes at a price, but the Berker Q.1 and Q.3 are noteworthy exceptions.
They also excel through an unusually attractive price performance ratio.

■ The quality of design can be seen in the fact that the centre plates and at the upper edge of the frame, creating a flat contour

FRAMES / COVERS / CENTRAL INSERTS

Plastic, silky

Polar white	similar to RAL 9010
Anthracite	similar to RAL 7021
Red	similar to RAL 3003
Green	similar to RAL 6029
Orange	similar to RAL 2003

Marked items are suitable for installation of splash-protected flush-mounted IP 44 when used in conjunction with corresponding sealing set.

SCHUKO SOCKET OUTLETS

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1



SCHUKO socket outlet

Rated voltage 250 V~
Rated current 16 A

- with plug-in terminals

i 882

DESIGN	ORDER NO.	PU
polar white velvety	**4743 60 89**	10
anthracite velvety, lacquered	**4743 60 86**	10



SCHUKO socket outlet
- enhanced contact protection

Rated voltage 250 V~
Rated current 16 A

- with plug-in terminals

i 882

DESIGN	ORDER NO.	PU
polar white velvety	**4723 60 89**	10
anthracite velvety, lacquered	**4723 60 86**	10



SCHUKO socket outlet
- Screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A
Insertion depth 32 mm

- with screw-in lift terminals

i 882

DESIGN	ORDER NO.	PU
polar white velvety	**4143 60 89**	10
anthracite velvety, lacquered	**4143 60 86**	10



SCHUKO socket outlet
- enhanced contact protection
- Screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A
Insertion depth 32 mm

- with screw-in lift terminals

i 882

DESIGN	ORDER NO.	PU
polar white velvety	**4123 60 89**	10
anthracite velvety, lacquered	**4123 60 86**	10



SCHUKO socket outlet 45°

Rated voltage 250 V~
Rated current 16 A

- for diagonal installation
- with plug-in terminals

Specially suited to combinations of several socket outlets if right angle plugs are used.

i 882

DESIGN	ORDER NO.	PU
polar white velvety	**4727 60 89**	10
anthracite velvety, lacquered	**4727 60 86**	10



SCHUKO socket outlet

- Labelling field

- with plug-in terminals

i 882

Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
polar white velvety	**4750 60 89**	10
anthracite velvety, lacquered	**4750 60 86**	10



SCHUKO socket outlet

- Labelling field
- enhanced contact protection

- with plug-in terminals

i 882

Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
polar white velvety	**4749 60 89**	10
anthracite velvety, lacquered	**4749 60 86**	10



SCHUKO socket outlet

- Labelling field
- enhanced contact protection
- Screw-in lift terminals

- with screw-in lift terminals

i 882

Rated voltage 250 V~
Rated current 16 A
Insertion depth 32 mm

Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
polar white velvety	**4149 60 89**	10
anthracite velvety, lacquered	**4149 60 86**	10



SCHUKO socket outlet with LED orientation light

- enhanced contact protection
- Screw-in lift terminals

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Power consumption	0,25 W/0,35 VA
Switch-off brightness	ca. 4 lx
Light intensity (white)	0.2 cd
Switch-on brightness	ca. 2 lx
Conductor cross-section (rigid)	max. 2.5 mm²

Caution!
Items with special flush-mounted insert.
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

- additional benefit by combination of a socket outlet with an orientation light
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- with screw-in lift terminals
- long service life of the LED
- white LED light
- through-wiring possible, therefore also ideal for retrofitting

i 882

DESIGN	ORDER NO.	PU
polar white velvety	**4109 60 89**	10
anthracite velvety, lacquered	**4109 60 86**	10



SCHUKO socket outlet with control LED

- Labelling field
- enhanced contact protection
- Screw-in lift terminals

Rated voltage	250 V~
Rated current	16 A

Labelling field height arranged for P-touch strips 6 mm.

- with screw-in lift terminals

i 882

DESIGN	ORDER NO.	PU
polar white velvety	**4110 60 89**	10
anthracite velvety, lacquered	**4110 60 86**	10



Double SCHUKO socket outlet with cover plate

- enhanced contact protection

Rated voltage	250 V~
Rated current	16 A
Assembling height	22 mm

For installation in 1gang wall boxes according to DIN 49073-1

- with plug-in terminals

i 882

DESIGN	ORDER NO.	PU
polar white velvety	**4729 60 89**	10
anthracite velvety, lacquered	**4729 60 86**	10



Combination SCHUKO socket outlet 2gang with frame

Rated voltage 250 V~
Rated current 16 A

- without spreader claws
- with plug-in terminals
- 2 x 1gang, wired-through

For installation in cable duct wall boxes and in standard, commercially-available 2gang hollow wall boxes, also in 2gang flush-mounted boxes.

i 882

DESIGN	ORDER NO.	PU
Berker Q.1		
polar white velvety	**4720 60 89**	5
anthracite velvety, lacquered	**4720 60 86**	5

SCHUKO socket outlets with hinged cover

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.



SCHUKO socket outlet with hinged cover

Rated voltage 250 V~
Rated current 16 A

- with hinged cover that falls back
- with imprint
- with plug-in terminals

i 882

DESIGN	ORDER NO.	PU
polar white velvety	**4751 60 69**	10
anthracite velvety, lacquered	**4751 60 66**	10



SCHUKO socket outlet with hinged cover
- enhanced contact protection

Rated voltage 250 V~
Rated current 16 A

- with hinged cover that falls back
- with imprint
- with plug-in terminals

i 882

DESIGN	ORDER NO.	PU
polar white velvety	**4751 60 79**	10
anthracite velvety, lacquered	**4751 60 76**	10



SCHUKO socket outlet with hinged cover
- enhanced contact protection

Rated voltage 250 V~
Rated current 16 A

- with self-closing hinged covers
- with imprint
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Sealing set for socket outlets/centre plates	1010 72 00	308

i 882

DESIGN	ORDER NO.	PU
polar white velvety	**4751 60 89**	10
anthracite velvety, lacquered	**4751 60 86**	10



SCHUKO socket outlet with hinged cover

- enhanced contact protection
- Installation position variable in 45° steps

- with hinged cover that falls back
- with imprint
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals

i 882

Rated voltage 250 V~
Rated current 16 A

Specially suited to combinations of several socket outlets if right angle plugs are used.

DESIGN	ORDER NO.	PU
polar white velvety	**4744 60 89**	10
anthracite velvety, lacquered	**4744 60 86**	10



SCHUKO socket outlet with hinged cover

- Labelling field
- enhanced contact protection
- Installation position variable in 45° steps

- with hinged cover that falls back
- with imprint
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals

i 882

Rated voltage 250 V~
Rated current 16 A

Specially suited to combinations of several socket outlets if right angle plugs are used.

Labelling field height designed for 6 mm P-touch strips.

DESIGN	ORDER NO.	PU
polar white velvety	**4746 60 89**	10
anthracite velvety, lacquered	**4746 60 86**	10



SCHUKO socket outlet with hinged cover

- Labelling field
- enhanced contact protection

- with self-closing hinged covers
- with imprint
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

SUITABLE FOR	ORDER NO.	PAGE
optional		
Sealing set for socket outlets/centre plates	1010 72 00	308

i 882

DESIGN	ORDER NO.	PU
polar white velvety	**4752 60 89**	10
anthracite velvety, lacquered	**4752 60 86**	10

SCHUKO socket outlets for special applications

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.



SCHUKO socket outlet

Rated voltage 250 V~
Rated current 16 A

- with plug-in terminals

i 882

Insert colour-coded.

DESIGN	ORDER NO.	PU
red velvety	**4743 60 12**	10
green velvety	**4743 60 13**	10
orange velvety	**4743 60 14**	10



SCHUKO socket outlet
- Screw-in lift terminals

■ with screw-in lift terminals

i 882

Rated voltage 250 V~
Rated current 16 A
Insertion depth 32 mm

Insert colour-coded.

DESIGN	ORDER NO.	PU
red velvety	**4143 60 12**	10
green velvety	**4143 60 13**	10
orange velvety	**4143 60 14**	10



SCHUKO socket outlet with imprint

Rated voltage 250 V~
Rated current 16 A

■ with plug-in terminals

i 882

Insert colour-coded.

Labelling field height designed for 6 mm P-touch strips.

DESIGN	ORDER NO.	PU
polar white velvety, Imprint “EDV” in black	**4743 60 09**	10
polar white velvety, Imprint “EDV” in red	**4743 60 79**	10
polar white velvety, Imprint “SV” in green	**4743 60 39**	10
polar white velvety, Imprint “ZSV” in orange	**4743 60 49**	10



SCHUKO socket outlet with imprint

Rated voltage 250 V~
Rated current 16 A

■ with plug-in terminals

i 882

Insert colour-coded.

Labelling field height designed for 6 mm P-touch strips.

DESIGN	ORDER NO.	PU
SCHUKO socket outlet with “EDV” imprint, red velvety, Imprint “EDV”	**4743 60 22**	10
SCHUKO socket outlet with “SV” imprint, green velvety, Imprint “SV”	**4743 60 03**	10
SCHUKO socket outlet with “ZSV” imprint, orange velvety, Imprint “ZSV”	**4743 60 07**	10



SCHUKO socket outlet
- Labelling field

■ with plug-in terminals

i 882

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

Labelling field height designed for 6 mm P-touch strips.

DESIGN	ORDER NO.	PU
red velvety	**4750 60 02**	10
green velvety	**4750 60 03**	10
orange velvety	**4750 60 07**	10



SCHUKO socket outlet with imprint

- Labelling field

- with plug-in terminals

i 882

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.
Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
red velvety, Imprint “EDV”	**4750 60 15**	10
green velvety, Imprint “SV”	**4750 60 13**	10
orange velvety, Imprint “ZSV”	**4750 60 14**	10





SCHUKO socket outlet with control LED and imprint

- Labelling field
- enhanced contact protection
- Screw-in lift terminals

- with screw-in lift terminals

i 882

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.
Labelling field height arranged for P-touch strips 6 mm.
Execution SV, ZSV according to VDE 0100-710

DESIGN	ORDER NO.	PU
red velvety, Imprint “EDV”	**4110 60 15**	10
green velvety, Imprint “SV”	**4110 60 13**	10
orange velvety, Imprint “ZSV”	**4110 60 14**	10





SCHUKO socket outlet with hinged cover and imprint

Rated voltage 250 V~
Rated current 16 A

- with hinged cover that falls back
- with plug-in terminals

i 882

DESIGN	ORDER NO.	PU
polar white velvety, Imprint “EDV” in red	**4751 60 59**	10
polar white velvety, Imprint “SV” in green	**4751 60 39**	10
polar white velvety, Imprint “ZSV” in orange	**4751 60 49**	10





SCHUKO socket outlet with hinged cover and imprint

- Labelling field
- enhanced contact protection

- with self-closing hinged covers
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Sealing set for socket outlets/centre plates	1010 72 00	308

i 882

Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
polar white velvety, Imprint “EDV” in red	**4752 60 59**	10
polar white velvety, Imprint “SV” in green	**4752 60 39**	10
polar white velvety, Imprint “ZSV” in orange	**4752 60 49**	10



FLUSH-MOUNTED SAFETY DEVICES

SCHUKO socket outlets with safety device



SCHUKO socket outlet with overvoltage protection

- Labelling field
- Screw terminals

- with imprint
- with indicator LED for “on/error”
- with screw terminals
- with acoustic fault signal

i 945

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Insertion depth	32 mm

Labelling field height arranged for P-touch strips 6 mm.
Connection terminals according to IEC 60884-1
Overvoltage protection according to EN 61643 and VDE 0675-6-11

DESIGN	ORDER NO.	PU
polar white velvety	**4108 60 89**	1
anthracite velvety, lacquered	**4108 60 86**	1
red velvety	**4108 60 62**	1



SCHUKO socket outlet with residual current circuit-breaker

- enhanced contact protection

- type A for alternating currents and pulsating direct currents
- with plug-in terminals
- to protect connected and downstream loads

i 944

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Measurement error current	30 mA
Surge current resistance	250 A (8/20) µs
Short-circuit resistance (with back-up fuse 20 AgL)	3 kA
Trigger time	≤ 30 ms

Through-wired socket outlets are also protected.
Connection terminals according to IEC 60884-1
Tested conform VDE 0664 (EN 61008)

DESIGN	ORDER NO.	PU
polar white velvety	**4708 60 89**	1
anthracite velvety, lacquered	**4708 60 86**	1

Covers for protection switch



50 x 50 mm centre plate for RCD protection switch

Caution!
Use only with adapter ring for centre plate 50 x 50 mm from the corresponding range.

SUITABLE FOR	ORDER NO.	PAGE
Adapter ring for centre plate 50 x 50 mm		page 303
Residual current circuit-breaker	2844	865

DESIGN	ORDER NO.	PU
polar white matt/velvety	**1493 19 09**	1

INTERNATIONAL SOCKET OUTLET SYSTEMS

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1

Socket outlets without earthing contact



Socket outlet without earthing contact

Rated voltage 250 V~
Rated current 16 A

- without spreader claws
- 2pole
- with plug-in terminals

i 882



DESIGN	ORDER NO.	PU
polar white velvety	**61 6703 60 89**	10
anthracite velvety, lacquered	**61 6703 60 86**	10



Socket outlet without earthing contact
- enhanced contact protection



- without spreader claws
- 2pole
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

i 882



DESIGN	ORDER NO.	PU
polar white velvety	**61 6733 60 89**	10
anthracite velvety, lacquered	**61 6733 60 86**	10



Socket outlet without earthing contact
- Screw terminals



- 2pole
- with screw terminals

Rated voltage 250 V~
Rated current 16 A

i 882



DESIGN	ORDER NO.	PU
polar white velvety	**61 6103 60 89**	10
anthracite velvety, lacquered	**61 6103 60 86**	10

Socket outlets with earthing pin



Socket outlet with earthing pin
- enhanced contact protection



- 2pole + earth
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

i 882



DESIGN	ORDER NO.	PU
polar white velvety	**67 6876 60 89**	10
anthracite velvety, lacquered	**67 6876 60 86**	10



Socket outlet with earthing pin

- enhanced contact protection
- Screw-in lift terminals

- 2pole + earth
- with screw-in lift terminals

i 882

Rated voltage	250 V~
Rated current	16 A

DESIGN	ORDER NO.	PU
polar white velvety	**67 6576 60 89**	10
anthracite velvety, lacquered	**67 6576 60 86**	10



Socket outlet with earthing pin and LED orientation light

- enhanced contact protection
- Screw-in lift terminals

- additional benefit by combination of a socket outlet with an orientation light
- 2pole + earth
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- with screw-in lift terminals
- long service life of the LED
- white LED light
- through-wiring possible, therefore also ideal for retrofitting

i 882

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Power consumption	0,25 W/0,35 VA
Switch-off brightness	ca. 4 lx
Light intensity (white)	0.2 cd
Switch-on brightness	ca. 2 lx
Conductor cross-section (rigid)	max. 2.5 mm²

Caution!
Items with special flush-mounted insert.
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

DESIGN	ORDER NO.	PU
polar white velvety	**67 6510 60 89**	10
anthracite velvety, lacquered	**67 6510 60 86**	10

Q.x



Socket outlet with earth contact pin and monitoring LED

- enhanced contact protection
- Screw-in lift terminals

- 2pole + earth
- with screw-in lift terminals

i 882

Rated voltage	250 V~
Rated current	16 A

DESIGN	ORDER NO.	PU
polar white velvety	**67 6509 60 89**	10
anthracite velvety	**67 6509 60 86**	10



Socket outlet with earthing pin and hinged cover

- enhanced contact protection

- with hinged cover that falls back
- with imprint
- 2pole + earth
- with plug-in terminals

i 882

Rated voltage	250 V~
Rated current	16 A

DESIGN	ORDER NO.	PU
polar white velvety	**67 6877 60 89**	10
anthracite velvety, lacquered	**67 6877 60 86**	10



Socket outlet with earthing pin and hinged cover

- enhanced contact protection
- Screw-in lift terminals

- with hinged cover that falls back
- with imprint
- 2pole + earth
- with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

i 882

DESIGN	ORDER NO.	PU
polar white velvety	**67 6583 60 89**	10
anthracite velvety, lacquered	**67 6583 60 86**	10

Socket outlets with earthing pin for special applications



Socket outlet with earthing pin

- enhanced contact protection

- 2pole + earth
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

i 882

DESIGN	ORDER NO.	PU
red velvety	**67 6876 60 12**	10
green velvety	**67 6876 60 13**	10
orange velvety	**67 6876 60 14**	10



Socket outlet with earthing pin

- enhanced contact protection
- Screw-in lift terminals

- 2pole + earth
- with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

i 882

DESIGN	ORDER NO.	PU
red velvety	**67 6576 60 12**	10
green velvety	**67 6576 60 13**	10
orange velvety	**67 6576 60 14**	10



Socket outlet with earth contact pin and monitoring LED

- enhanced contact protection
- Screw-in lift terminals

- 2pole + earth
- with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

i 882

DESIGN	ORDER NO.	PU
red velvety	**67 6509 60 15**	10
green velvety	**67 6509 60 13**	10
orange velvety	**67 6509 60 14**	10

BRITISH STANDARD socket outlets



NEW

Socket outlet insert with earthing contact BRITISH STANDARD, can be switched off

- enhanced contact protection
- Screw terminals

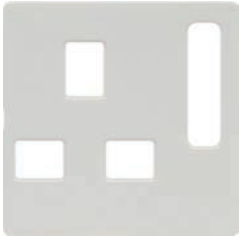
- without spreader claws
- 2pole + earth
- with screw terminals

Rated voltage	250 V~
Rated current	13 A

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for socket outlets, British Standard, can be switched off		page 283

i 882

DESIGN	ORDER NO.	PU
polar white glossy	* **5342 02 19**	10
anthracite matt	* **5342 02 16**	10



Centre plate for socket outlets, British Standard, can be switched off

SUITABLE FOR	ORDER NO.	PAGE
Socket outlet insert with earthing contact BRITISH STANDARD, can be switched off		page 283

DESIGN	ORDER NO.	PU
polar white velvety	**33 1307 60 89**	10
anthracite velvety	**33 1307 60 86**	10

NEMA-socket outlets



Socket outlet with earthing contact USA/ CANADA NEMA 5-15 R

- Screw terminals

- without spreader claws
- 2pole + earth
- with screw terminals

Rated voltage	125 V~
Rated current	15 A

i 882

Not UL-certified.
Standard NEMA 5-15 R

DESIGN	ORDER NO.	PU
polar white velvety	**4166 60 89**	10
anthracite velvety, lacquered	**4166 60 86**	10



Socket outlet with earthing contact USA/ CANADA NEMA 5-20 R

- Screw terminals

- without spreader claws
- 2pole + earth
- with screw terminals

Rated voltage	125 V~
Rated current	20 A

i 882

Not UL-certified.
Standard NEMA 5-20 R

DESIGN	ORDER NO.	PU
polar white velvety	**4168 60 89**	10
anthracite velvety, lacquered	**4168 60 86**	10

COVERS FOR SWITCHES/PUSH-BUTTONS

Rockers

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.



Rocker

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	308

DESIGN	ORDER NO.	PU
polar white velvety	**1620 60 89**	10
anthracite velvety, lacquered	**1620 60 86**	10



Rocker with imprinted symbol for light

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	308

DESIGN	ORDER NO.	PU
polar white velvety	**1620 60 49**	10
anthracite velvety, lacquered	**1620 60 46**	10



Rocker with imprinted symbol for bell

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	308

DESIGN	ORDER NO.	PU
polar white velvety	**1620 60 59**	10
anthracite velvety, lacquered	**1620 60 56**	10



Rocker with imprinted symbol for door opener

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	308

DESIGN	ORDER NO.	PU
polar white velvety	**1620 60 69**	10
anthracite velvety, lacquered	**1620 60 66**	10



Rocker
- Labelling field

For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	308

DESIGN	ORDER NO.	PU
polar white velvety	**1626 60 89**	10
anthracite velvety, lacquered	**1626 60 86**	10



Rocker

- Lens

Lenses available in orange and clear.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	308

DESIGN	ORDER NO.	PU
polar white velvety	**1621 60 89**	10
anthracite velvety, lacquered	**1621 60 86**	10



Rocker with imprinted symbol for light

- Lens

Lenses available in orange and clear.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	308

DESIGN	ORDER NO.	PU
polar white velvety	**1621 60 79**	10
anthracite velvety, lacquered	**1621 60 76**	10



Rocker

- Labelling field
- Lens

Lenses available in orange and clear.

For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	308

DESIGN	ORDER NO.	PU
polar white velvety	**1628 60 89**	10
anthracite velvety, lacquered	**1628 60 86**	10



Rocker with imprinted symbol for bell

- Labelling field
- Lens

Lenses available in orange and clear.

For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	308

DESIGN	ORDER NO.	PU
polar white velvety	**1628 60 79**	10
anthracite velvety, lacquered	**1628 60 76**	10



Rocker

- **Large labelling field**
- **Lens**

Labelling field (W x H) ≈ 54.8 x 42.8 mm

Lenses available in orange and clear.
For labelling with names, notes etc.

Labelling field height designed for two 18 mm P-touch strips.
The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	308

DESIGN	ORDER NO.	PU
polar white velvety	**1696 60 89**	10
anthracite velvety, lacquered	**1696 60 86**	10



Rocker with imprinted symbol for bell

- **Large labelling field**
- **Lens**

Labelling field (W x H) ≈ 54.8 x 42.8 mm

Lenses available in orange and clear.
For labelling with names, notes etc.

Labelling field height designed for two 18 mm P-touch strips.
The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	308

DESIGN	ORDER NO.	PU
polar white velvety	**1696 60 79**	10
anthracite velvety, lacquered	**1696 60 76**	10

Rockers for multi-pole rocker switches

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.



Rocker with imprint “0”

SUITABLE FOR	ORDER NO.	PAGE
Multi-pole rocker switches		page 25
optional		
Sealing set for switches/push-buttons	1010 71 00	308

DESIGN	ORDER NO.	PU
polar white velvety	**1622 60 89**	10
anthracite velvety, lacquered	**1622 60 86**	10



Rocker with imprint “0”

- **Orange lens**

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for illumination and monitoring circuit
- also for KNX applications: group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Multi-pole rocker switches		page 25
optional		
Sealing set for switches/push-buttons	1010 71 00	308

DESIGN	ORDER NO.	PU
polar white velvety	**1624 60 89**	10
anthracite velvety, lacquered	**1624 60 86**	10

Multiple Rockers



Rocker 2gang

- also for KNX applications: push-button, 2gang, and group push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches, 2gang		page 27
Series push-buttons		page 28

DESIGN	ORDER NO.	PU
polar white velvety	**1623 60 89**	10
anthracite velvety, lacquered	**1623 60 86**	10



Rocker 2gang

- Lens

Illumination only possible by 1 neon lamp unit.

Lenses available in orange and clear.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 2gang, and group push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches, 2gang		page 27
Series push-buttons		page 28

DESIGN	ORDER NO.	PU
polar white velvety	**1627 60 89**	10
anthracite velvety, lacquered	**1627 60 86**	10



Rocker 3gang

SUITABLE FOR	ORDER NO.	PAGE
On/off switch 3gang	6330 23 ..	30

DESIGN	ORDER NO.	PU
polar white velvety	**1665 60 89**	10
anthracite velvety, lacquered	**1665 60 86**	10

Centre plates for pullcord switches/pullcord push-buttons



Centre plate for pullcord switch/pullcord push-button

SUITABLE FOR	ORDER NO.	PAGE
Pullcord switches/pullcord push-buttons		page 31

DESIGN	ORDER NO.	PU
polar white velvety	**1146 60 89**	10
anthracite velvety, lacquered	**1146 60 86**	10

Centre plates for key switches/key push-buttons

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 70 00.



Centre plate for key switch/key push-button

- for master-key systems

SUITABLE FOR	ORDER NO.	PAGE
Key switches/key push-buttons		page 32
Lock cylinder	1818 ..	72
optional		
Sealing set for key switch/key push-button	1010 70 00	309

DESIGN	ORDER NO.	PU
polar white velvety	**1507 60 89**	10
anthracite velvety, lacquered	**1507 60 86**	10

TIMERS

Centre plates for mechanical timer





Centre plate for mechanical timer

SUITABLE FOR Mechanical timer | **ORDER NO.** | **PAGE** page 33

DESIGN	ORDER NO.	PU
with time scale 15 min		
polar white velvety	**1632 60 89**	1
anthracite velvety, lacquered	**1632 60 86**	1
with time scale 120 min		
polar white velvety	**1633 60 89**	1
anthracite velvety, lacquered	**1633 60 86**	1



Centre plate for time relay insert

- Push-button with clear lens

- with imprint

Axis dimension Ø 4 mm

SUITABLE FOR Time relay insert | **ORDER NO.** 2948 10 | **PAGE** 34

DESIGN	ORDER NO.	PU
polar white velvety	**1674 60 89**	10
anthracite velvety, lacquered	**1674 60 86**	10



Timer comfort for sensors

- Display

- After charging, the timer can also be programmed when removed
- connected RolloTec brightness sensor can be used for twilight-controlled switching-on
- 2 independent programme memories for everyday/holidays
- astro programme for sunrise/sundown switching
- with preset basic programme
- with week and day programme

SUITABLE FOR | **ORDER NO.** | **PAGE**

Insert for timer	2948	35
optional		
RolloTec brightness sensor	169	125
RolloTec adapter for sensors	171	125
RolloTec brightness sensor surface-mounted	184	125

i 883



DESIGN	ORDER NO.	PU
polar white velvety	# **1738 60 89**	1
anthracite velvety, lacquered	# **1738 60 86**	1



Timer comfort

- Display

- 2 independent programme memories for everyday/holidays
- astro programme for sunrise/sundown switching
- with preset basic programme
- with week and day programme

SUITABLE FOR | **ORDER NO.** | **PAGE**

Insert for timer	2948	35

i 883



DESIGN	ORDER NO.	PU
polar white velvety	# **1736 60 89**	1
anthracite velvety, lacquered	# **1736 60 86**	1

Subject to changes - # Note discontinuation! - * Note new code!



Timer Easy

- Display

- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of switching times
- programmable for approx. 4 h after removing insert
- with quick programming mode

SUITABLE FOR	ORDER NO.	PAGE
Insert for timer	2948	35

i 883

DESIGN		ORDER NO.	PU
polar white velvety	#	**1735 60 89**	1
anthracite velvety, lacquered	#	**1735 60 86**	1

BERKER.NET - CONVENTIONAL ELECTRONICS PLATFORM

Buttons for switches/dimmers



Button 1gang

Operating voltage via insert

- with 2-push-buttons operation concept
- low intrinsic energy requirement

SUITABLE FOR	ORDER NO.	PAGE
Switch insert 1gang	8512 11 00	47
Relay insert	8512 12 00	47
Touch dimmer (R, L)	8542 11 00	48
Universal touch dimmer 1gang	8542 12 00	49

i 918

DESIGN		ORDER NO.	PU
polar white velvety	*	**8514 11 29**	1
anthracite velvety, lacquered	*	**8514 11 26**	1



Button 2gang

Operating voltage via insert

- with 2-push-buttons operation concept per series
- low intrinsic energy requirement

SUITABLE FOR	ORDER NO.	PAGE
Switch insert 2gang	8512 22 00	48
Universal touch dimmer 2gang	8542 21 00	49

i 918

DESIGN		ORDER NO.	PU
polar white velvety	*	**8514 21 29**	1
anthracite velvety, lacquered	*	**8514 21 26**	1

Motion detector covers



IR Motion detector comfort

Delay time, adjustable ≈ 10 s ... 30 min

- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- with button for on/off/automatic
- step operation with immunity time (e.g. for stair light/impact current circuits)
- low intrinsic energy requirement

SUITABLE FOR	ORDER NO.	PAGE
Inserts		page 80

i 918

DESIGN		ORDER NO.	PU
Nominal mounting height 1.1 m			
polar white velvety	*	**8534 12 29**	1
anthracite velvety, lacquered	*	**8534 12 26**	1
Nominal mounting height 2.2 m			
polar white velvety	*	**8534 22 29**	1
anthracite velvety, lacquered	*	**8534 22 26**	1



Motion detector

Delay time	≈ 180 s

- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- with button for on/off/automatic
- low intrinsic energy requirement

SUITABLE FOR	ORDER NO.	PAGE
Inserts		page 80

i 918



DESIGN	ORDER NO.	PU
Nominal mounting height 1.1 m		
polar white velvety	* **8534 11 29**	1
anthracite velvety, lacquered	* **8534 11 26**	1
Nominal mounting height 2.2 m		
polar white velvety	* **8534 21 29**	1
anthracite velvety, lacquered	* **8534 21 26**	1

Blind buttons



Blind button

Delay time, adjustable	0 s ... 500 s
Venetian blind movement time	2 min
Minimum slat adjustment time	≈ 150 ms
Change-over time for change of direction	< 0.6 s

- memory function for automatic execution of learned up and down times with position
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- with imprinted symbol arrows
- low intrinsic energy requirement

SUITABLE FOR	ORDER NO.	PAGE
Blind insert comfort	8522 11 00	115

i 918



DESIGN	ORDER NO.	PU
polar white velvety	* **8524 11 29**	1
anthracite velvety, lacquered	* **8524 11 26**	1

Time switches for blinds



Blind time switch

- Display



Number of operation times for up/down	20
Running time	2 min
Minimum slat adjustment time	≈ 150 ms
Astronomic time shift	± 2 h
Power reserve	≈ 24 h
Random number generator	± 15 min
Change-over time for change of direction	< 0.6 s

Control using device buttons and programmed switching times.

- with keylock
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- reset function (to factory setting)
- indication of the application module/insert compatibility in the display
- LC display illuminated during operation
- LC display contrast is adjustable
- low intrinsic energy requirement
- with switchover manual/automatic mode
- with automatic summer-/winter time switching (can be switched off)
- 2 independent preset programme memories, individually adaptable
- astro programme for sunrise/sundown switching with city/country or co-ordinate input, individually adaptable
- holiday programme for random variation of the operation times in automatic operation

SUITABLE FOR	ORDER NO.	PAGE
Blind insert comfort	8522 11 00	115

i 918



DESIGN	ORDER NO.	PU
polar white velvety	* **8574 11 29**	1
anthracite velvety, lacquered	* **8574 11 26**	1

COVERS FOR DIMMERS

Centre plates for rotary dimmers

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.



Centre plate for rotary dimmer

- Setting knob

Axis dimension Ø 4 mm

SUITABLE FOR	ORDER NO.	PAGE
Rotary dimmers		page 38
Rotary potentiometers DALI		page 44
1-10 V Rotary potentiometers		page 45
optional		
Sealing set for socket outlets/centre plates	1010 72 00	308

DESIGN	ORDER NO.	PU
polar white velvety	**1137 60 89**	10
anthracite velvety, lacquered	**1137 60 86**	10

Push-buttons



Button for universal series touch dimmer

SUITABLE FOR	ORDER NO.	PAGE
Universal series touch dimmer (R, L, C)	2901	56

i 887



DESIGN	ORDER NO.	PU
polar white velvety	# **1765 60 89**	1
anthracite velvety, lacquered	# **1765 60 86**	1

BLC -BERKER LIGHT CONTROL

BLC push-buttons

BLC push-button

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 51
BLC dimmers		page 54
BLC insert for timer	2934 10	53
BLC extension unit	2907	55

i 889



DESIGN	ORDER NO.	PU
polar white velvety	# **1761 60 89**	1
anthracite velvety, lacquered	# **1761 60 86**	1

BLC controller





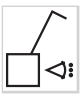
BLC controller comfort 1.1 m

Detection angle 180 °
Delay time, adjustable ≈ 10 s ... 30 min

- with teach function for response brightness
- step operation with immunity time (e.g. for bell)
- with cover to limit detection angle to 90°
- with slide switch for OFF/automatic/ON

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 51
BLC dimmers		page 54
BLC insert for timer	2934 10	53
BLC extension unit for motion detector	2908	88

i 892



DESIGN	ORDER NO.	PU
Nominal mounting height 1.1 m		
polar white velvety	# **1784 60 89**	1
anthracite velvety, lacquered	# **1784 60 86**	1





BLC IR controller comfort 2.2 m with hand-held transmitter

Detection angle 180 °
Delay time, adjustable ≈ 10 s ... 60 min

As-delivered and reset condition: Response sensitivity 100%, time delay 30 s, night mode approx. 1 lx, additional functions OFF.

Scope of delivery:
- BLC IR controller comfort 2.2 m
- hand-held transmitter for BLC IR controller

- with teach function for response brightness
- with 2 buttons for permanent ON (LED green), permanent OFF (LED red) and automatic
- presence simulation via remote control: retrieval of the switching operations from the last 7 days
- hotel mode via remote control: without motion dimming to 20%
- short-time mode with immunity time (e.g. for bell) via remote control
- test mode via remote control: response sensitivity 100%, time delay 1 s and day mode
- with detection and IR receiver LED red, and IR confirmation LED green

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 51
BLC dimmers		page 54
BLC insert for timer	2934 10	53
BLC extension unit for motion detector	2908	88
replacement		
Replacement hand-held transmitter for BLC IR controller	2770 ..	93

i 893



DESIGN	ORDER NO.	PU
Nominal mounting height 2.2 m		
polar white velvety	# **1789 60 89**	1
anthracite velvety, lacquered	# **1789 60 86**	1



BLC controller

Detection angle 180 °
Delay time ≈ 2 min

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 51
BLC dimmers		page 54
BLC insert for timer	2934 10	53
BLC extension unit for motion detector	2908	88

i 892





DESIGN	ORDER NO.	PU
Nominal mounting height 1.1 m		
polar white velvety [1]	# **1783 60 89**	1
anthracite velvety, lacquered [1]	# **1783 60 86**	1
Nominal mounting height 2.2 m		
polar white velvety	# **1788 60 89**	1
anthracite velvety, lacquered	# **1788 60 86**	1

[1] with cover to limit detection angle to 90°



BLC controller comfort IP44

Detection angle 180 °
Delay time, adjustable ≈ 10 s ... 30 min

- with teach function for response brightness
- with cover to limit detection angle to 90°

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 51
BLC dimmers		page 54
BLC insert for timer	2934 10	53
BLC extension unit for motion detector	2908	88

i 892

IP44



DESIGN	ORDER NO.	PU
Nominal mounting height 1.1 m		
polar white velvety	# **1784 61 89**	1
anthracite velvety, lacquered	# **1784 61 86**	1
Nominal mounting height 2.2 m		
polar white velvety	# **1787 61 89**	1
anthracite velvety, lacquered	# **1787 61 86**	1



BLC controller IP44

Detection angle 180 °
Delay time ≈ 2 min

■ with cover to limit detection angle to 90°

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 51
BLC dimmers		page 54
BLC insert for timer	2934 10	53
BLC extension unit for motion detector	2908	88

i 892

IP44



DESIGN	ORDER NO.	PU
Nominal mounting height 1.1 m		
polar white velvety	# **1783 61 89**	1
anthracite velvety, lacquered	# **1783 61 86**	1
Nominal mounting height 2.2 m		
polar white velvety	# **1786 61 89**	1
anthracite velvety, lacquered	# **1786 61 86**	1

COVERS FOR BLIND SWITCHES/PUSH-BUTTONS

Rockers with imprint



Rocker 2gang with imprinted arrow symbol

■ also for KNX applications: push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Switches/ push-buttons for blinds		page 108

DESIGN	ORDER NO.	PU
polar white velvety	**1625 60 89**	10
anthracite velvety, lacquered	**1625 60 86**	10



Rocker 2gang with imprinted arrows symbol

■ also for KNX applications: group push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Group series push-button, 4 NO contacts, common input terminal	5034 04	28

DESIGN	ORDER NO.	PU
polar white velvety	**1644 60 89**	10
anthracite velvety, lacquered	**1644 60 86**	10

Centre plates for rotary switches for blinds

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.



Centre plate with rotary knob for rotary switch for blinds

■ with imprint

SUITABLE FOR	ORDER NO.	PAGE
Rotary switches for blinds		page 110
optional		
Sealing set for socket outlets/centre plates	1010 72 00	308
Interlock disk for rotary switch for blinds	1861	111

DESIGN	ORDER NO.	PU
polar white velvety	**1080 60 89**	1
anthracite velvety, lacquered	**1080 60 86**	1

Centre plates for key switches/key push-buttons for blinds

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 70 00.



Centre plate with lock and push lock function for switch for blinds

- Key can be removed in 0 position

- with imprint
- with 2 keys

SUITABLE FOR	ORDER NO.	PAGE
Switch for blinds 2pole for centre plate with lock	3852	111
Switch for blinds 1pole for centre plate with lock	3851	111

DESIGN	ORDER NO.	PU
polar white velvety	**1081 60 89**	1
anthracite velvety, lacquered	**1081 60 86**	1



Centre plate with lock and push lock function for switch for blinds

- Key can be removed in 3 positions

- with imprint
- with 2 keys

SUITABLE FOR	ORDER NO.	PAGE
Switch for blinds 2pole for centre plate with lock	3852	111
Switch for blinds 1pole for centre plate with lock	3851	111

DESIGN	ORDER NO.	PU
polar white velvety	**1082 60 89**	1
anthracite velvety, lacquered	**1082 60 86**	1



Centre plate with lock and touch function for switch for blinds

- Key can be removed in 0 position

- with imprint
- with 2 keys

SUITABLE FOR	ORDER NO.	PAGE
Switch for blinds 1pole for centre plate with lock	3851	111
Switch for blinds 2pole for centre plate with lock	3852	111

DESIGN	ORDER NO.	PU
polar white velvety	**1083 60 89**	1
anthracite velvety, lacquered	**1083 60 86**	1



Centre plate for key push-button for blinds/key switch

- with imprint
- for master-key systems

SUITABLE FOR	ORDER NO.	PAGE
Switch for blinds 1pole for lock cylinder	3821 20	113
Switch for blinds 2pole for lock cylinder	3822 10	113
Push-button for blinds 1pole for lock cylinder	3831 ..	114
Push-button for blinds 2pole for lock cylinder	3832 10	114
Lock cylinder	1818 ..	72
optional		
Sealing set for key switch/key push-button	1010 70 00	309

DESIGN	ORDER NO.	PU
polar white velvety	**1506 60 89**	10
anthracite velvety, lacquered	**1506 60 86**	10

ROLLOTEC

RolloTec buttons



RolloTec button comfort for sensors

■ only for sensor connection to terminal block

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 118
optional		
RolloTec glass breakage sensor	170	125
RolloTec adapter for sensors	171	125
RolloTec brightness sensor	169	125
Magnetic contact	9251 0 ..	126
RolloTec brightness sensor surface-mounted	184	125

i 912



DESIGN	ORDER NO.	PU
polar white velvety	# **1771 60 89**	1
anthracite velvety, lacquered	# **1771 60 86**	1



RolloTec button comfort

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 118

i 912



DESIGN	ORDER NO.	PU
polar white velvety	# **1770 60 89**	1
anthracite velvety, lacquered	# **1770 60 86**	1

RolloTec memory button for sensors

Stored “up” and/or “down” time is run daily in automatic operation.

■ only for sensor connection to terminal block

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 118
optional		
RolloTec glass breakage sensor	170	125
RolloTec adapter for sensors	171	125
RolloTec brightness sensor surface-mounted	184	125
Magnetic contact	9251 0 ..	126
RolloTec brightness sensor	169	125

i 912



DESIGN	ORDER NO.	PU
polar white velvety	# **1757 60 89**	1
anthracite velvety, lacquered	# **1757 60 86**	1

RolloTec memory button

Stored “up” and/or “down” time is run daily in automatic operation.

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 118

i 912



DESIGN	ORDER NO.	PU
polar white velvety	# **1756 60 89**	1
anthracite velvety, lacquered	# **1756 60 86**	1

RolloTec time switches



RolloTec comfort time switch for sensors

- Display



- with surface-mounted RolloTec brightness sensor, shutter and lamella position additionally settable
- when a surface-mounted RolloTec brightness sensor is connected, twilight-controlled lowering possible
- RolloTec brightness sensor for sun blind movement up/down can be connected
- lamella position programmable at down operation times
- with automatic summer-/winter time switching (can be switched off)
- with a total of 3 independent programme memories
- 2 programme memories preset
- astro programme for sunrise/sundown switching
- programming according to week and days possible
- programme memory network failure proved

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 118
optional		
RolloTec brightness sensor	169	125
RolloTec glass breakage sensor	170	125
RolloTec adapter for sensors	171	125
RolloTec brightness sensor surface-mounted	184	125
Magnetic contact	9251 0 ..	126

i 916



DESIGN		ORDER NO.	PU
polar white velvety	#	**1775 60 89**	1
anthracite velvety, lacquered	#	**1775 60 86**	1



RolloTec comfort time switch

- Display



- lamella position programmable at down operation times
- with automatic summer-/winter time switching (can be switched off)
- with a total of 3 independent programme memories
- 2 programme memories preset
- astro programme for sunrise/sundown switching
- programming according to week and days possible
- programme memory network failure proved

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 118

i 916



DESIGN		ORDER NO.	PU
polar white velvety	#	**1774 60 89**	1
anthracite velvety, lacquered	#	**1774 60 86**	1



RolloTec easy time switch

- Display



- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of operation times
- with quick programming mode
- programming possible for up to 6 h after removing insert
- with preset basic programme

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 118

i 916



DESIGN		ORDER NO.	PU
polar white velvety	#	**1762 60 89**	1
anthracite velvety, lacquered	#	**1762 60 86**	1

HVAC CONTROLLERS AND COVERS

Thermostats



Thermostat, NO contact, with centre plate

- Time-controlled

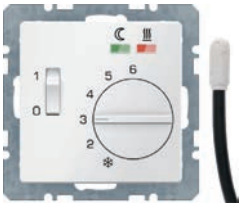
Rated voltage	230 V~
Frequency	50 Hz
Power consumption	≈ 1.2 W
Lithium cell power reserve [years]	≈ 10

- for underfloor heating control using room and/or floor temperature possible
- for heating or cooling mode
- for room and floor heaters
- with self-teaching heating curve

SUITABLE FOR	ORDER NO.	PAGE
Valve drive 230 V	7590 00 76	139
optional		
Temperature sensor	161	145

i 910

DESIGN	ORDER NO.	PU
polar white velvety	**2044 60 89**	1
anthracite velvety, lacquered	**2044 60 86**	1



Thermostat, NO contact, with centre plate, for underfloor heating

- Rocker switch
- External temperature sensor

Rated voltage	250 V~
Frequency	50/60 Hz

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for thermostat for underfloor heating	1672 60 8 ..	137
Valve drive 230 V	7590 00 76	139
replacement		
Temperature sensor	161	145

i 909

DESIGN	ORDER NO.	PU
polar white velvety	**2034 60 89**	1
anthracite velvety, lacquered	**2034 60 86**	1



Temperature controller, change-over contact, with centre plate

Rated voltage	250 V~
Frequency	50/60 Hz

- for heating or cooling mode

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for thermostat	1670 60 8 ..	137
Valve drive 230 V	7590 00 76	139

i 909

DESIGN	ORDER NO.	PU
polar white velvety	**2026 60 89**	1
anthracite velvety, lacquered	**2026 60 86**	1



Temperature controller, NC contact, with centre plate

- Rocker switch

Rated voltage	250 V~
Frequency	50/60 Hz

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for thermostat	1671 60 8 ..	138
Valve drive 230 V	7590 00 76	139

i 909

DESIGN	ORDER NO.	PU
polar white velvety	**2030 60 89**	1
anthracite velvety, lacquered	**2030 60 86**	1



Temperature controller, NC contact, with centre plate, 24 V AC/DC

- **Rocker switch**

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for thermostat	1671 60 8 ..	138
Valve drive 24 V AC/DC	7590 00 77	139

Rated voltage 24 V~/24 V=
Frequency 50/60 Hz

i 909

DESIGN	ORDER NO.	PU
polar white velvety	**2031 60 89**	1
anthracite velvety, lacquered	**2031 60 86**	1

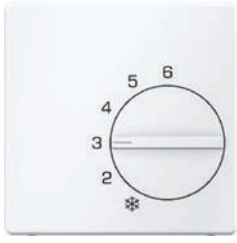


Centre plate for thermostat for underfloor heating

- **Rocker**
- **Setting knob**

SUITABLE FOR	ORDER NO.	PAGE
Thermostat, NO contact, with centre plate, for underfloor heating	2034 60 8 ..	133

DESIGN	ORDER NO.	PU
polar white velvety	**1672 60 89**	1
anthracite velvety, lacquered	**1672 60 86**	1



Centre plate for thermostat

- **Setting knob**

SUITABLE FOR	ORDER NO.	PAGE
Temperature controller, change-over contact, with centre plate	2026 60 8 ..	134

DESIGN	ORDER NO.	PU
polar white velvety	**1670 60 89**	1
anthracite velvety, lacquered	**1670 60 86**	1



Centre plate for thermostat

- **Rocker**
- **Setting knob**

SUITABLE FOR	ORDER NO.	PAGE
Temperature controller, NC contact, with centre plate	2030 60 8 ..	135
Temperature controller, NC contact, with centre plate, 24 V AC/DC	2031 60 8 ..	136

DESIGN	ORDER NO.	PU
polar white velvety	**1671 60 89**	1
anthracite velvety, lacquered	**1671 60 86**	1

Central plates for sensor inserts



Central plate for sensor insert

Caution!
Use only with intermediate ring for central plate from the corresponding range.
Labelling field cannot be used.

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 303
Sensor insert	7594 10 01	138

DESIGN	ORDER NO.	PU
polar white matt/velvety	**7594 04 89**	1

Rockers for heating emergency switches

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.



Rocker with imprint “Heizung Notschalter”

- Orange lens

Or use glass pane-protected heating emergency switch from programme ranges Arsys, flush-mounted splash-protected IP44, Aquatec IP44.

Not suitable for heating systems > 50 kW.

- for monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	308

DESIGN	ORDER NO.	PU
polar white velvety	**1621 60 69**	10

Centre plates for air conditioner/fan controllers

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.



Centre plate with rotary knob for 3-step switch

SUITABLE FOR	ORDER NO.	PAGE
3-step switch	3861 ..	142
optional		
Sealing set for socket outlets/centre plates	1010 72 00	308

DESIGN	ORDER NO.	PU
without 0-position, imprint 2-1-3		
polar white velvety	**1084 60 89**	1
anthracite velvety, lacquered	**1084 60 86**	1
with 0-position, imprint 0-1-2-3		
polar white velvety	**1096 60 89**	1
anthracite velvety, lacquered	**1096 60 86**	1





Centre plate for speed controller

- Setting knob

Axis dimension Ø 4 mm

- with imprinted symbol curve

SUITABLE FOR	ORDER NO.	PAGE
Speed controllers	2968 01	143
optional		
Sealing set for socket outlets/centre plates	1010 72 00	308

DESIGN	ORDER NO.	PU
polar white velvety	**1137 60 79**	10
anthracite velvety, lacquered	**1137 60 76**	10

COMMUNICATION/MULTIMEDIA TECHNOLOGY

- For information on suitable third-party manufacturer articles, see the chapter “Communication/multimedia technology”

Covers data communications / telecommunications



Centre plate with TAE cut-out

- also for KNX applications: USB data interface, flush-mounted

SUITABLE FOR	ORDER NO.	PAGE
		page
Modular UAE socket outlets		page 153
230 V USB charging socket outlet	2600 0 ..	172
Loudspeaker connection box	4572 0 ..	173
Stereo loudspeaker connection box	4573 0 ..	173

DESIGN	ORDER NO.	PU
polar white velvety	**1033 60 89**	10
anthracite velvety, lacquered	**1033 60 86**	10



Centre plate for FCC socket outlet

- for 1gang socket outlet, cat.3, cat.5e and cat.6_A iso
- with 45° oblique outlet

SUITABLE FOR	ORDER NO.	PAGE
UAE socket outlets 1gang		page 148

DESIGN	ORDER NO.	PU
polar white velvety	**1407 60 89**	10
anthracite velvety, lacquered	**1407 60 86**	10



Centre plate for FCC socket outlet 2gang

- for 2gang socket outlet, cat.3, cat.5e and cat.6_A iso
- with 45° oblique outlet

SUITABLE FOR	ORDER NO.	PAGE
UAE socket outlets 2gang		page 150

DESIGN	ORDER NO.	PU
polar white velvety	**1409 60 89**	10
anthracite velvety, lacquered	**1409 60 86**	10



Centre plate with dust protection slider

- Labelling field



Labelling field height arranged for P-touch strips 6 mm.

- for supporting plates with coloured mounting device, 1gang, order no. 4540 .. and 454201, see COMMUNICATION/MULTIMEDIA TECHNOLOGY

DESIGN	ORDER NO.	PU
polar white velvety	**1170 60 89**	10
anthracite velvety, lacquered	**1170 60 86**	10



Centre plate with 2 dust protection sliders

- Labelling field



Labelling field height arranged for P-touch strips 6 mm.

- for supporting plates with coloured mounting devices, 2gang, order no. 4541 ..and 454202, see COMMUNICATION/MULTIMEDIA TECHNOLOGY

DESIGN	ORDER NO.	PU
polar white velvety	**1181 60 89**	10
anthracite velvety, lacquered	**1181 60 86**	10



Central plate for 3 MINI-COM modules

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for Mini-Com jacks cat.3, cat.5e, cat.6, cat.6 10Gig
- for Mini-Com fibre-optic modules
- for Mini-Com dummy modules 1gang
- labelling field latchable

SUITABLE FOR	ORDER NO.	PAGE
Multimedia modules		page 582
Intermediate rings		page 303

DESIGN	ORDER NO.	PU
polar white matt/velvety	**1427 19 09**	10



Central plate for Reichle&De-Massari single modules

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6
- labelling field latchable

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 303

DESIGN	ORDER NO.	PU
polar white matt/velvety	**1472 19 09**	10



Central plate for Reichle&De-Massari double module

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6
- labelling field latchable

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 303

DESIGN	ORDER NO.	PU
polar white matt/velvety	**1461 19 09**	10



Central plate 2gang for AMP jacks

Indexing dimension (W x H) ≈ 14.7 x 20.7 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for AMP fibre-optic couplings MT-RJ jacks
- for AMP modular jacks series 110 Connect cat.3, cat.5, cat.5e and cat.6
- labelling field latchable

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 303

DESIGN	ORDER NO.	PU
polar white matt/velvety	**1463 19 09**	10



Central plate 2gang for Krone jacks

Indexing dimension (W x H) ≈ 14.7 x 19.4 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 3M fibre-optic couplings Volition
- for Krone fibre-optic couplings MT-RJ jacks
- for Krone modular jacks cat.5, cat.5e and cat.6

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 303

DESIGN	ORDER NO.	PU
polar white matt/velvety	**1464 19 09**	10



Central plate for fibre-optic couplings Simplex ST

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 2 fibre-optic couplings

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 303

DESIGN	ORDER NO.	PU
polar white matt/velvety, 2gang	**1492 19 09**	10



Central plate for fibre-optic couplings Duplex SC

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 1 or 2 fibre-optic couplings
- 1 knock out opening

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 303

DESIGN	ORDER NO.	PU
polar white matt/velvety	**1480 19 09**	10

Covers for aerial sockets



Centre plate for aerial socket 2-/3hole

- with knock out SAT input

SUITABLE FOR	ORDER NO.	PAGE
Aerial sockets		page 162

DESIGN	ORDER NO.	PU
polar white velvety	**1203 60 89**	10
anthracite velvety, lacquered	**1203 60 86**	10



Central plate for aerial socket 4hole (Ankaro)

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 2 additional SAT outputs (F-sockets)

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 303
Aerial socket 4hole single box	4594	165

DESIGN	ORDER NO.	PU
polar white matt/velvety	**1484 19 09**	10



Central plate for aerial socket 4hole (Hirschmann)

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 2 additional SAT outputs (F-sockets)

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 303

DESIGN	ORDER NO.	PU
polar white matt/velvety	**1483 19 09**	10



Central plate for broadband modem socket (Wisi)

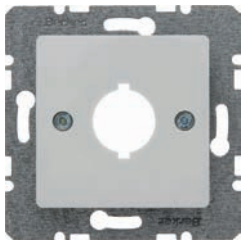
Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with additional multimedia output

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 303

DESIGN	ORDER NO.	PU
polar white matt/velvety	# **1439 19 09**	10

Central plates for signalling and command units



Central plate with installation opening Ø 18.8 mm

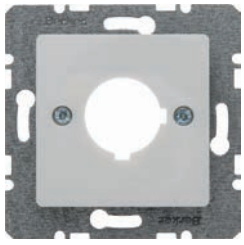
Screw spacing 36 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- labelling field latchable
- with cut-out dia. 18.8 mm

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 303
optional		
Built-in socket for floating output	4604	684

DESIGN	ORDER NO.	PU
polar white matt/velvety	**1431 19 09**	10



Central plate with installation opening Ø 22.5 mm

Screw spacing 36 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.
Installation aperture according to IEC 60947-5-1

- labelling field latchable
- with cut-out dia. 22.5 mm

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 303

DESIGN	ORDER NO.	PU
polar white matt/velvety	**1432 19 09**	10
yellow glossy	**1432 07**	10

Intermediate rings



Intermediate ring for central plate

- labelling field latchable

SUITABLE FOR	ORDER NO.	PAGE
optional		
Labelling field for intermediate ring		page 303

DESIGN	ORDER NO.	PU
polar white velvety	**1109 60 89**	10
anthracite velvety, lacquered	**1109 60 86**	10



Labelling field for intermediate ring

Labelling field height arranged for P-touch strips 6 mm.

SUITABLE FOR	ORDER NO.	PAGE
Intermediate ring for central plate		page 303

DESIGN	ORDER NO.	PU
white glossy	**1905 00 02**	10
polar white glossy	**1905 00 69**	10

Adapter rings for centre plates 50 x 50 mm



Adapter ring for centre plate 50 x 50 mm

Caution!
Not suitable for Berker central plates.

For centre plate according to DIN 49075

- for centre plate of third-party manufacturers with external dimension 50 x 50 mm

SUITABLE FOR	ORDER NO.	PAGE
50 x 50 mm centre plate for RCD protection switch		page 279

DESIGN	ORDER NO.	PU
polar white velvety	**1109 60 79**	10
anthracite velvety, lacquered	**1109 60 76**	10

Covers Audio

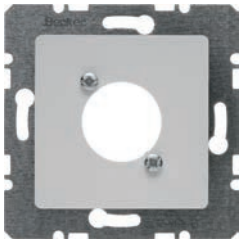


Centre plate for loudspeaker socket outlet

- 1 knock out opening

SUITABLE FOR	ORDER NO.	PAGE
Entry for small connector	4505	175
Stereo loudspeaker socket outlet	4505 01	174
Loudspeaker socket outlet High End	4505 02	174

DESIGN	ORDER NO.	PU
polar white velvety	**1196 60 89**	10
anthracite velvety, lacquered	**1196 60 86**	10



Central plate for XLR D-series connector

Cut-out Ø 23.6 mm
Screw spacing (horizontal/vertical) 19/24 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- Labelling field latchable in matching intermediate ring
- speakon and jack connector

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 303

DESIGN	ORDER NO.	PU
polar white matt/velvety	**1412 19 09**	10

Video socket outlets



VGA socket outlet

Frequency range video max. 160 MHz
Resolution max. 1280 x 1024 px

- with 15pole D-subminiature double jack
- S-VGA compatible

i 948

VGA

DESIGN	ORDER NO.	PU
with double jack		
polar white velvety	**33 1540 60 89**	10
anthracite velvety, lacquered	**33 1540 60 86**	10
back side, with screw-in lift terminals		
polar white velvety [1]	**33 1541 60 89**	10
anthracite velvety, lacquered [1]	**33 1541 60 86**	10

[1] for connection to a 15-core VGA cable, conductor cross-section (rigid) max. 1.5 mm²

Multimedia sockets



3 x Cinch/S-Video socket outlet

Frequency range audio 20 ... 20000 Hz
Frequency range video max. 160 MHz

- 1 cinch double jack for video connection (yellow)
- 2 cinch double jacks for audio connection (red, white)
- S-Video double jack
- gold-plated contacts

i 951

S-Video CINCH

DESIGN	ORDER NO.	PU
polar white velvety	**33 1532 60 89**	10
anthracite velvety, lacquered	**33 1532 60 86**	10



High definition socket outlet

Transmission rate	max. 8.16 Gbit/s
Resolution	max. 1920 x 1080 px

- with HDMI™ double jack type A, supports HDMI™ technology (V 1.3 with Deep Color)
- gold-plated contacts

i 951

HDMI

DESIGN	ORDER NO.	PU
back side, with straight socket		
polar white velvety	**33 1542 60 89**	1
anthracite velvety, lacquered	**33 1542 60 86**	1
back side, with 90° angle socket		
polar white velvety	**33 1543 60 89**	10
anthracite velvety, lacquered	**33 1543 60 86**	10



USB/3.5 mm audio socket outlet

USB transmission rate	max. 480 Mbit/s
Frequency range audio	20 ... 20000 Hz

- double jack gold-plated 3.5 mm, stereo
- USB double jack type A, USB 2.0 capable

i 951

DESIGN	ORDER NO.	PU
polar white velvety	**33 1539 60 89**	10
anthracite velvety, lacquered	**33 1539 60 86**	10

Consumer electronics



Berker Radio Touch

- Loudspeaker

Operating voltage	230 V~
Frequency	50/60 Hz
Conductor cross-section (mains supply)	max. 2.5 mm²
Conductor cross-section (loudspeakers)	max. 1.5 mm²
Frequency range (radio reception)	87.5 ... 108 MHz
Dimensions of display (W x H)	35 x 28 mm
Insertion depth	33 mm

- operation via sensor areas of the touch display
- extension unit input for separate on/off switching
- illuminated touch graphics display
- time and date display
- with 2 loudspeaker connections
- external audio input, e.g. for MP3 player or docking station
- stereo FM radio with RDS display
- with one loudspeaker

SUITABLE FOR	ORDER NO.	PAGE
optional		
Docking station		page 306
Loudspeaker		page 306
Ceiling loudspeaker Ø 80 mm	2885 00 00	184
Ceiling loudspeaker Ø 140 mm	2885 00 01	184

FM

DESIGN	ORDER NO.	PU
polar white velvety	**2880 60 89**	1
anthracite velvely, lacquered	* **2880 60 86**	1

NEW



Berker Radio Touch

Operating voltage	230 V~
Frequency	50/60 Hz
Conductor cross-section (mains supply)	max. 2.5 mm²
Conductor cross-section (loudspeakers)	max. 1.5 mm²
Frequency range (radio reception)	87.5 ... 108 MHz
Dimensions of display (W x H)	35 x 28 mm
Insertion depth	33 mm

- operation via sensor areas of the touch display
- extension unit input for separate on/off switching
- illuminated touch graphics display
- time and date display
- with 2 loudspeaker connections
- external audio input, e.g. for MP3 player or docking station
- stereo FM radio with RDS display

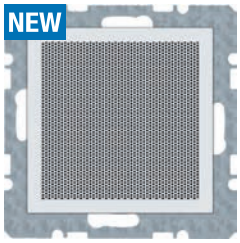
At least one loudspeaker must be connected for operation.

SUITABLE FOR	ORDER NO.	PAGE
Loudspeaker		page 306
Ceiling loudspeaker Ø 80 mm	2885 00 00	184
Ceiling loudspeaker Ø 140 mm	2885 00 01	184
optional		
Docking station		page 306

FM

DESIGN	ORDER NO.	PU
polar white velvety	* **2884 60 89**	1
anthracite velvely, lacquered	* **2884 60 86**	1

NEW



Loudspeaker

Impedance	4 Ω
Conductor cross-section (flexible)	0.5 mm²
Pre-assembled cable	≈ 25 cm
Insertion depth	35 mm

- confectioned, with 2-core, double-insulated, flexible cable

SUITABLE FOR	ORDER NO.	PAGE
Berker Radio Touch		page 305
optional		
Docking station		page 306

DESIGN	ORDER NO.	PU
polar white velvety	**2882 60 89**	1
anthracite velvely, lacquered	* **2882 60 86**	1



Docking station

Operating voltage	230 V~
Frequency	50/60 Hz
Output voltage	max. 3.5 V
Number of loudspeakers (4 Ω)	1
Number of loudspeakers (8 Ω)	2
Number of loudspeakers (20 Ω)	5
Insertion depth	36 mm

- buttons for volume control
- stereo Line-Out for connection to the radio touch
- AUX input mini stereo jack for audio source (line or headphones output), e.g. MP3 player
- with 30-pole plug connector for iPhone* up to version 4S and iPod* Touch with the same interface

* iPod and iPhone are registered trademarks of Apple Inc.

Appropriate adapters must be used for iPhones* from Version 5 and higher.

SUITABLE FOR	ORDER NO.	PAGE
Berker Radio Touch		page 305
Loudspeaker		page 306
Ceiling loudspeaker Ø 140 mm	2885 00 01	184
Ceiling loudspeaker Ø 80 mm	2885 00 00	184

DESIGN	ORDER NO.	PU
polar white velvety	# **2883 60 89**	1

COVERS FOR PILOT LAMPS

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.

Centre plate for push-button/pilot lamp E10

Cut-out Ø	27.2 mm

- centre plate for plug-in fixing

SUITABLE FOR	ORDER NO.	PAGE
Covers and push-buttons		page 69
LED lamp E10		page 68
Neon lamp E10		page 68
Push-button/pilot lamp E10, NO contact	5101 ..	60

DESIGN	ORDER NO.	PU
polar white velvety	**1124 60 89**	10
anthracite velvety, lacquered	**1124 60 86**	10



Centre plate for pilot lamp E14

SUITABLE FOR	ORDER NO.	PAGE
Covers and push-buttons		page 69
LED lamp E14		page 68
Incandescent lamp E14		page 68
Pilot lamp E14	5131 02	61
optional		
Sealing set for socket outlets/centre plates	1010 72 00	308

DESIGN	ORDER NO.	PU
polar white velvety	**1198 60 89**	10
anthracite velvety, lacquered	**1198 60 86**	10



Cover for LED orientation/signal light

- with printed label sheets “Bitte warten/Bitte eintreten” and “Do not disturb/make up room”
- with milky foil, for individual labelling

SUITABLE FOR	ORDER NO.	PAGE
LED orientation light	2951	62
LED signal light	2952	62

DESIGN	ORDER NO.	PU
polar white velvety	**1248 60 89**	1
anthracite velvety, lacquered	**1248 60 86**	1



Cover for info pilot lamp

Current consumption	25 mA
Power, LED	800 mW
Service life of the LED	≈ 25000 h

Printed labels supplied: “Nicht eintreten”, “Besetzt”, “Bitte eintreten”, “Bitte Ruhe”, “Bitte warten”.

- with clear cover plate
- with 4 light intensive LEDs
- very long LED lifetime

SUITABLE FOR	ORDER NO.	PAGE
Cover plate for info pilot lamp	1289 ..	69
Info pilot lamp	2949	63

DESIGN	ORDER NO.	PU
polar white velvety	**1345 60 89**	1
anthracite velvety, lacquered	**1345 60 86**	1

Q.x

SUPPLEMENTARY PRODUCTS

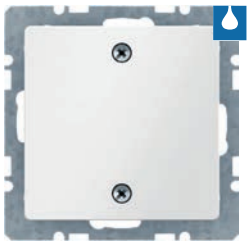


Blind plug with centre plate

- on supporting plate without cut-out

SUITABLE FOR	ORDER NO.	PAGE
optional		
Sealing set for socket outlets/centre plates	1010 72 00	308

DESIGN	ORDER NO.	PU
without spreader claws		
polar white velvety	**1009 60 89**	20
anthracite velvety, lacquered	**1009 60 86**	20
with base and spreader claws		
polar white velvety	**67 1009 60 89**	10
anthracite velvety, lacquered	**67 1009 60 86**	10



Blind plug with centre plate, screw-on

- on supporting plate with large cut-out
- with cover plug for screw fitting
- without spreader claws
- space-saving for relays, etc.
- for customised cut-outs or holes when installing special solutions

SUITABLE FOR	ORDER NO.	PAGE
optional		
Sealing set for socket outlets/centre plates	1010 72 00	308



DESIGN	ORDER NO.	PU
polar white velvety	**1009 60 79**	20
anthracite velvety, lacquered	**1009 60 76**	20



Centre plate for cable outlet

SUITABLE FOR	ORDER NO.	PAGE
Cable outlet with low installation depth	4468	167
Cable outlet	4470	167

DESIGN	ORDER NO.	PU
polar white velvety	**1019 60 89**	10
anthracite velvety, lacquered	**1019 60 86**	10

Sealings IP44



Sealing set for socket outlets/centre plates

SUITABLE FOR	ORDER NO.	PAGE
Centre plates for rotary dimmers		page 291
Centre plates for rotary switches for blinds		page 293
Centre plates for air conditioner/fan controllers		page 299
SCHUKO socket outlet with hinged cover and imprint		page 278
Blind plug with centre plate		page 307
FRAMES		page 322
FRAMES		page 330

DESIGN	ORDER NO.	PU
transparent	**1010 72 00**	1



Sealing set for switches/push-buttons

- also for KNX applications: push-button, 1gang, and group push-button, 1gang
- with IP44 fixing piece to screw on

SUITABLE FOR	ORDER NO.	PAGE
Rockers		page 284
Rockers for multi-pole rocker switches		page 286
Rockers - barrier-free construction		page 310
Rocker with imprint “Heizung Notschalter”		page 299
FRAMES		page 322
FRAMES		page 330
Rocker with imprinted arrows symbol	1620 60 7 ..	783

DESIGN	ORDER NO.	PU
transparent	**1010 71 00**	1



Sealing set for key switch/key push-button

SUITABLE FOR	ORDER NO.	PAGE
FRAMES		page 322
FRAMES		page 330
Centre plate for key push-button for blinds/key switch	1506 60 8 ..	114
Centre plate for key switch/key push-button	1507 60 8 ..	32

DESIGN	ORDER NO.	PU
transparent	**1010 70 00**	1

HOTEL APPLICATIONS

Centre plates for hotel card switches



Centre plate with imprint for push-button for hotel card

- **Orange lens**

SUITABLE FOR	ORDER NO.	PAGE
Push-button for hotel card		page 73

Card width max. 54 mm
Card thickness 0.5 ... 1.4 mm

Other imprint on request!

DESIGN	ORDER NO.	PU
polar white velvety	**1640 60 89**	10
anthracite velvety, lacquered	**1640 60 86**	10

BARRIER-FREE CONSTRUCTION

The following rockers are conformant with DIN 18024-2 and DIN 18025-1 and -2.

SCHUKO socket outlets



SCHUKO socket outlet with hinged cover for barrier-free construction

- **Tactile symbol**
- **enhanced contact protection**
- **Installation position variable in 45° steps**

- with self-closing hinged covers
- with plug-in terminals

i 882

Rated voltage 250 V~
Rated current 16 A

Specially suited to combinations of several socket outlets if right angle plugs are used.
Connection terminals according to IEC 60884-1

DESIGN	ORDER NO.	PU
polar white velvety	**4744 60 49**	10

Rockers - barrier-free construction

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.



Rocker for barrier-free construction

- **Guide for mouth rod**
- **Lens**

Lenses available in orange and clear.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	308

DESIGN	ORDER NO.	PU
polar white velvety	**1661 60 49**	10



Rocker for barrier-free construction

- **Tactile light symbol**
- **Orange lens**

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	308

DESIGN	ORDER NO.	PU
polar white velvety	**1651 60 49**	10



Rocker for barrier-free construction

- **Tactile bell symbol**
- **Orange lens**

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for illumination and monitoring circuit
- for illuminated rocker push-buttons
- also for KNX applications: push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	308

DESIGN	ORDER NO.	PU
polar white velvety	**1651 60 59**	10



Rocker for barrier-free construction

- **Tactile symbol for door opener**
- **Orange lens**

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for illumination and monitoring circuit
- for illuminated rocker push-buttons
- also for KNX applications: push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	308

DESIGN	ORDER NO.	PU
polar white velvety	**1651 60 69**	10

HOSPITAL INSTALLATION

Emergency system

- For installation in standard wall boxes according to DIN 49073-1



Emergency call set with frame

Operating voltage 24 V=
Operating temperature -5 ... +40 °C

Set consisting of:
- Pullcord with frame, order no. 5202..
- Pilot lamp with frame, order no. 5203..
- Shut-off push-button with frame, order no. 5201..
- Power supply with frame, order no. 5204..

The emergency call set is used to call for help in public or disabled WCs, doctors' surgeries and old people's homes. It corresponds to the safety requirements according to DIN VDE 0834

- acoustic and visual signalling of an emergency call using pilot lamp after the pullcord push-button has been actuated
- switch-off of emergency call using shut-off push-button at emergency location
- power supply via power supply unit with 24 V AC
- centre plates for plug-in fixing
- with screw terminals
- acoustic call tone switchable on pilot lamp
- call tone can be set as continuous signal or as pulses
- monitoring of devices triggering calls for wire break

SUITABLE FOR	ORDER NO.	PAGE
optional		
Cancellation/presence button with frame	5205 60 ..	311
Call button with frame	5206 60 ..	311
Pull button with frame	5202 60 ..	312
Light signal with frame	5203 60 ..	312
Cancellation button with frame	5201 60 ..	312
Mains adapter with frame	5204 60 ..	312

DESIGN	ORDER NO.	PU
Berker Q.1		
polar white velvety	**5200 60 89**	1
Berker Q.3		
polar white velvety	**5200 60 99**	1



Call button with frame

Operating voltage 24 V=
Operating temperature -5 ... +40 °C

Additional call push-button to, for example, provide a control section in a second room or an additional location to trigger an emergency call.

- with quiet lamp
- with red call button with lens
- as expansion for the emergency call set
- centre plate for plug-in fixing
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Emergency call set with frame	5200 60 ..	311

DESIGN	ORDER NO.	PU
Berker Q.1		
polar white velvety	**5206 60 89**	1
Berker Q.3		
polar white velvety	**5206 60 99**	1



Cancellation/presence button with frame

Operating voltage 24 V=
Cable length to light signal max. 500 m
Operating temperature -5 ... +40 °C

Office unit, in order to, for example, indicate an emergency call in an office or a headquarters.

- with yellow shut-off button
- with green presence button
- as expansion for the emergency call set
- centre plate for plug-in fixing
- with screw terminals
- with visual and acoustic alarm encoder

SUITABLE FOR	ORDER NO.	PAGE
Emergency call set with frame	5200 60 ..	311

DESIGN	ORDER NO.	PU
Berker Q.1		
polar white velvety	**5205 60 89**	1
Berker Q.3		
polar white velvety	**5205 60 99**	1



Pull button with frame

Operating voltage	24 V=
Operating temperature	-5 ... +40 °C

To trigger an emergency call in emergency situations.

- with quiet lamp
- centre plate for plug-in fixing
- for wall and ceiling mounting
- with screw terminals
- with pullcord and knob

SUITABLE FOR	ORDER NO.	PAGE
Emergency call set with frame	5200 60 ..	311

DESIGN	ORDER NO.	PU
Berker Q.1		
polar white velvety	**5202 60 89**	1
Berker Q.3		
polar white velvety	**5202 60 99**	1



Cancellation button with frame

Operating voltage	24 V=
Operating temperature	-5 ... +40 °C

To switch off the alarm signal (pilot lamp) on arrival at the emergency location.

- with green shut-off button
- centre plate for plug-in fixing
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Emergency call set with frame	5200 60 ..	311

DESIGN	ORDER NO.	PU
Berker Q.1		
polar white velvety	**5201 60 89**	1
Berker Q.3		
polar white velvety	**5201 60 99**	1



Light signal with frame

Operating voltage	24 V=
Operating temperature	-5 ... +40 °C

For visual and acoustic alarms in emergency situations.
Caution:
Always install the device in a clearly visible location.
Recommendation: use deep box.

- centre plate for plug-in fixing
- call tone received on voltage failure and return
- with potential-free relay contact for call tone forwarding, e.g. to telephone dialler
- with screw terminals
- acoustic call tone switchable on pilot lamp
- call tone can be set as continuous signal or as pulses
- with 4 red LEDs

SUITABLE FOR	ORDER NO.	PAGE
Emergency call set with frame	5200 60 ..	311

DESIGN	ORDER NO.	PU
Berker Q.1		
polar white velvety	**5203 60 89**	1
Berker Q.3		
polar white velvety	**5203 60 99**	1



Mains adapter with frame

Operating voltage	24 V
Frequency	50 … 60 Hz
Input voltage	100 ... 240 V~
Output current	max. 250 mA
Input current	max. 180 mA
Operating temperature	-5 ... +40 °C

For the power supply of the emergency call system components with 24 V DC.
Recommendation: use deep box.

- centre plate for plug-in fixing
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Emergency call set with frame	5200 60 ..	311

DESIGN	ORDER NO.	PU
Berker Q.1		
polar white velvety	**5204 60 89**	1
Berker Q.3		
polar white velvety	**5204 60 99**	1

Central plates for hospital installation



Central plate for socket outlet for equipotential bonding

Caution!
Use only with intermediate ring for central plate from the corresponding range.

For double pole socket outlet for floating output according to DIN 42801

- with imprint

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 303
Socket outlet for floating output	1061	684

DESIGN	ORDER NO.	PU
polar white matt/velvety	**1403 19 09**	10



Central plate for 6pole socket outlet

Caution!
Use only with intermediate ring for central plate from the corresponding range.

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 303

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 90 / clino phon 95	71008C
clino opt 99	71008C3
6pole socket outlets	
Hirschmann: Medu 600 GSK	

DESIGN	ORDER NO.	PU
polar white matt/velvety	**1474 19 09**	10

Centre plates for Ackermann inserts



Centre plate for nurse call system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	72642C 72639A 71197A 72642B

DESIGN	ORDER NO.	PU
polar white velvety	**1204 60 89**	10



Centre plate with plug-in opening for nurse call systems

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73070A

DESIGN	ORDER NO.	PU
polar white velvety	**1298 60 89**	10



Centre plate for dropping plug-and-socket connector

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- a-coded for dropping plug-and-socket connector

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	74189A

DESIGN	ORDER NO.	PU
polar white velvety	**1305 60 89**	10



Centre plate with 2 plug-in openings and imprint, for call unit

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73075C 73020G 73021G 73075D

DESIGN	ORDER NO.	PU
polar white velvety	**1244 60 89**	10



Centre plate with plug-in opening, red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button and monitored auxiliary plug-in contact
- for call push-button with plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73071E 73071E2 73075A 73073E

DESIGN	ORDER NO.	PU
polar white velvety	**1217 60 89**	10



Centre plate with 2 plug-in openings, imprint and red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button and plug-in contacts
- for call push-button with diagnostic and auxiliary plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73071D 73071D2 73075B 73073D

DESIGN	ORDER NO.	PU
polar white velvety	**1218 60 89**	10



Centre plate with red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button
- button with lens and imprint
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73071F 73071F2 73073F

DESIGN	ORDER NO.	PU
polar white velvety	**1216 60 89**	10



Centre plate with red button at bottom

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button
- button with lens and imprint
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73022A 73022A2

DESIGN	ORDER NO.	PU
polar white velvety	**1219 60 89**	10



Centre plate with green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- button with lens
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73642C

DESIGN	ORDER NO.	PU
polar white velvety	**1251 60 89**	10



Centre plate with yellow button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- button with lens
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73642D

DESIGN	ORDER NO.	PU
polar white velvety	**1252 60 89**	10



Centre plate with blue button and imprint

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button
- button with lens
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73022A 73022A2

DESIGN	ORDER NO.	PU
polar white velvety	**1223 60 89**	10



Centre plate with white button and imprint

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint “SU-AUS WARTEN”
- button with lens
- centre plate for plug-in fixing
- for office unit

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73640J 73640J2

DESIGN	ORDER NO.	PU
polar white velvety	**1308 60 89**	10



Centre plate with red + green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button and shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73642B2

DESIGN	ORDER NO.	PU
polar white velvety	**1249 60 89**	10



Centre plate with green + yellow button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73642E

DESIGN	ORDER NO.	PU
polar white velvety	**1253 60 89**	10



Centre plate with white + green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint “SU-AUS WARTEN”
- buttons with lens
- centre plate for plug-in fixing
- for office unit

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73642B

DESIGN	ORDER NO.	PU
polar white velvety	**1299 60 89**	10



Centre plate for pneumatic call switch

- Lens

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	70006A 70006B
clino opt 99	70006C

DESIGN	ORDER NO.	PU
polar white velvety	**1236 60 89**	10



Centre plate for pullcord push-button

- Lens

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	70045A3 70046A3 70046A

DESIGN	ORDER NO.	PU
polar white velvety	**1233 60 89**	10



Centre plate with imprinted symbol curve for small sound system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- for earpiece and volume control

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	73120C 73120H

DESIGN	ORDER NO.	PU
polar white velvety	**1300 60 89**	10



Centre plate with imprint “0 - 1 - 2 - 3 - 4 - 5” for small sound system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	73120A

DESIGN	ORDER NO.	PU
polar white velvety	**1301 60 89**	10



B.
Berker

FRAMES 322-323
SURFACE MOUNTED FRAMES 323

You notice the difference the first time you touch it: thanks to its innovative surface, this likable all-rounder has an unmistakable velvety feel – and in elegant anthracite now an additional attractive colour variety. With its smooth profile, flat switching angle and soft, rounded edges, it is very pleasant to look at.

- Suitable for both residential and non-residential buildings
- Due to the large radii, particularly suitable for projects such as schools and kindergartens
- Combination frames allow you to combine up to 5 devices vertically or horizontally.
- Available surface: polar white, velvety lacquered anthracite

Designpreis Deutschland 2011 NOMINIERT

reddot design award winner 2009

DESIGN PLUS

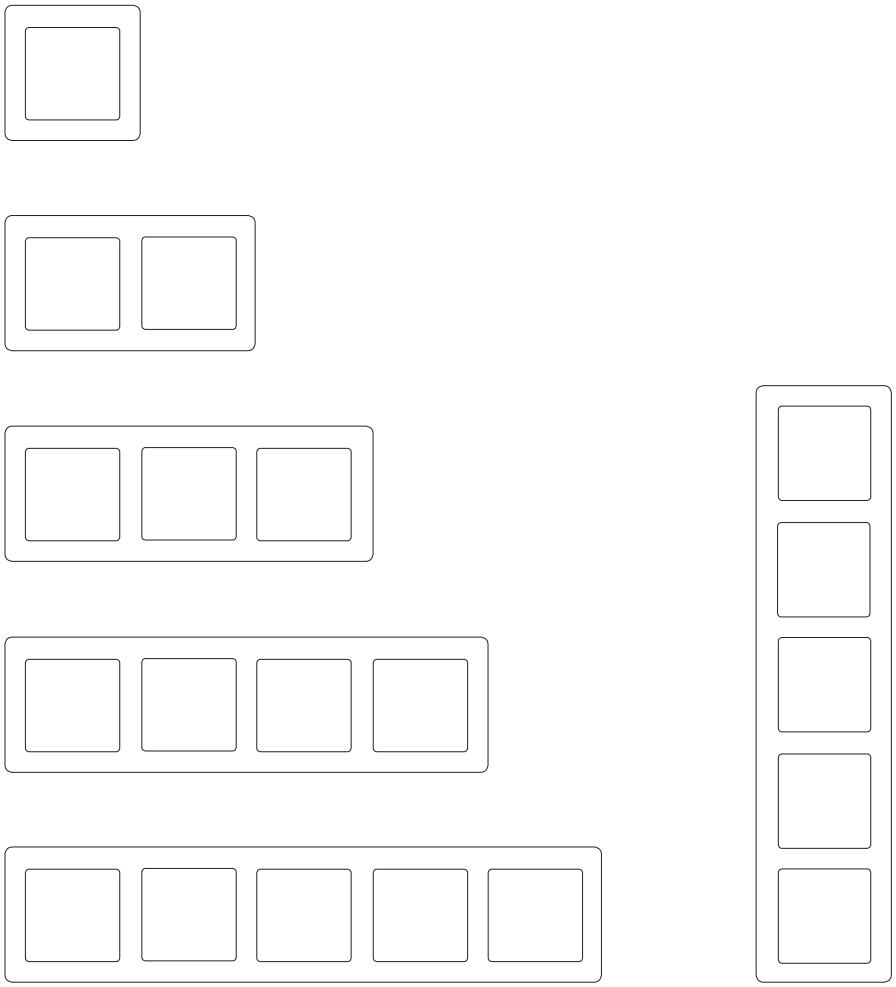
Q.1
Q.3

Marked items are suitable for installation of splash-protected flush-mounted IP 44 when used in conjunction with corresponding sealing set.

Frame, 1gang
W 80.5 mm x H 80.5 mm, 1gang

Frame, 2 to 5gang, horizontal
W 151.5 mm x H 80.5 mm, 2gang
W 222.5 mm x H 80.5 mm, 3gang
W 293.5 mm x H 80.5 mm, 4gang
W 364.5 mm x H 80.5 mm, 5gang

Frames 2 to 5gang, vertical
H 151.5 mm x W 80.5 mm, 2gang
H 222.5 mm x W 80.5 mm, 3gang
H 293.5 mm x W 80.5 mm, 4gang
H 364.5 mm x W 80.5 mm, 5gang



PRODUCT EXAMPLES





FRAMES/COVERS/CENTRAL INSERTS

Plastic, silky	
Polar white	similar to RAL 9010
Anthracite, lacquered	similar to RAL 7021
Red	similar to RAL 3003
Green	similar to RAL 6029
Orange	similar to RAL 2003



FRAMES

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



Frame

- for vertical and horizontal mounting

SUITABLE FOR — **ORDER NO.** — **PAGE**
optional
Sealings IP44 — page 308

i 954

DESIGN	ORDER NO.	PU
polar white velvety, 1gang	**1011 60 89**	10
polar white velvety, 2gang	**1012 60 89**	10
polar white velvety, 3gang	**1013 60 89**	2
polar white velvety, 4gang	**1014 60 89**	2
polar white velvety, 5gang	**1015 60 89**	2



Frame

- for vertical and horizontal mounting

SUITABLE FOR — **ORDER NO.** — **PAGE**
SCHUKO socket outlet with hinged cover for barrier-free construction — 4744 60 49 — 309
optional
Sealings IP44 — page 308

i 954

DESIGN	ORDER NO.	PU
anthracite velvety, lacquered, 1gang	**1011 60 86**	10
anthracite velvety, lacquered, 2gang	**1012 60 86**	10
anthracite velvety, lacquered, 3gang	**1013 60 86**	2
anthracite velvety, lacquered, 4gang	**1014 60 86**	2
anthracite velvety, lacquered, 5gang	**1015 60 86**	2



Frame

- for emphasising special switches, socket outlets, etc.
- for vertical and horizontal mounting

SUITABLE FOR — **ORDER NO.** — **PAGE**
optional
Sealings IP44 — page 308

i 954

DESIGN	ORDER NO.	PU
red velvety, 1gang	**1011 60 62**	10
red velvety, 2gang	**1012 60 62**	10
red velvety, 3gang	**1013 60 62**	2
red velvety, 4gang	**1014 60 62**	2
red velvety, 5gang	**1015 60 62**	2



Frame

- Labelling field

SUITABLE FOR	ORDER NO.	PAGE
optional		
Sealings IP44		page 308

Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
polar white velvety, 1gang	**1011 60 19**	10
polar white velvety, 2gang vertical	**1012 60 19**	10
polar white velvety, 3gang vertical	**1013 60 19**	10
polar white velvety, 4gang vertical	**1014 60 19**	2
polar white velvety, 5gang vertical	**1015 60 19**	2
polar white velvety, 2gang horizontal	**1022 60 19**	10
polar white velvety, 3gang horizontal	**1023 60 19**	10
polar white velvety, 4gang horizontal	**1024 60 19**	2
polar white velvety, 5gang horizontal	**1025 60 19**	2



Frame

- Labelling field

SUITABLE FOR	ORDER NO.	PAGE
optional		
Sealings IP44		page 308

Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
anthracite velvety, lacquered, 1gang	**1011 60 16**	10
anthracite velvety, lacquered, 2gang vertical	**1012 60 16**	10
anthracite velvety, lacquered, 3gang vertical	**1013 60 16**	10
anthracite velvety, lacquered, 4gang vertical	**1014 60 16**	2
anthracite velvety, lacquered, 5gang vertical	**1015 60 16**	2
anthracite velvety, lacquered, 2gang horizontal	**1022 60 16**	10
anthracite velvety, lacquered, 3gang horizontal	**1023 60 16**	10
anthracite velvety, lacquered, 4gang horizontal	**1024 60 16**	2
anthracite velvety, lacquered, 5gang horizontal	**1025 60 16**	2

Frames with large cut-out



Frame with large cut-out

Not suitable for surface-mounted frames.

■ for vertical mounting

SUITABLE FOR	ORDER NO.	PAGE
Push-button 3gang with thermostat	7566 37 29	776
Push-button 5gang with thermostat	7566 57 29	776

i 954

DESIGN	ORDER NO.	PU
polar white velvety	**1309 60 89**	10



Frame with large cut-out

Not suitable for surface-mounted frames.

■ for vertical mounting

SUITABLE FOR	ORDER NO.	PAGE
Push-button 3gang with thermostat	7566 37 26	776
Push-button 5gang with thermostat	7566 57 26	776

i 954

DESIGN	ORDER NO.	PU
anthracite velvety, lacquered	**1309 60 86**	10

SURFACE-MOUNTED FRAMES



Frame surface-mounted

Insertion depth 33.5 mm

Flush-mounted devices can be used with surface-mounted frames for surface-mounted installation.

For matching pipe lead-ins and replacement for cable and duct entries, refer to the chapter DRY SURFACE-MOUNTED INSTALLATION.

- entry at top and bottom possible
- with cable and duct entry

SUITABLE FOR	ORDER NO.	PAGE
Base plates		page 324
optional		
Entries/connectors		page 676

DESIGN	ORDER NO.	PU
polar white glossy, 1gang	**1029 00 69**	10
polar white glossy, 2gang	**1030 00 69**	10
polar white glossy, 3gang	**1031 00 69**	5
anthracite velvety, lacquered, 1gang	**1029 60 86**	10
anthracite velvety, lacquered, 2gang	**1030 60 86**	10
anthracite velvety, lacquered, 3gang	**1031 60 86**	5
red glossy, 1gang	**1029 00 62**	10
red glossy, 2gang	**1030 00 62**	10
red glossy, 3gang	**1031 00 62**	5

Base plates



Base plate 1gang, self-extinguishing

For surface-mounted frames of the design lines:
- Berker Q.1
- Berker Arsys

- with imprint
- for mounting on combustible base surface
- for surface-mounted frame 1gang

SUITABLE FOR	ORDER NO.	PAGE
SURFACE-MOUNTED FRAMES		page 324

DESIGN	ORDER NO.	PU
white	**1021 12**	10



Base plate 2gang, self-extinguishing

For surface-mounted frames of the design lines:
- Berker Q.1
- Berker Arsys

- with imprint
- for mounting on combustible base surface
- for surface-mounted frame 2gang

SUITABLE FOR	ORDER NO.	PAGE
SURFACE-MOUNTED FRAMES		page 324

DESIGN	ORDER NO.	PU
white	**1021 22**	10



Base plate 3gang, self-extinguishing

For surface-mounted frames of the design lines:
- Berker Q.1
- Berker Arsys

- with imprint
- for mounting on combustible base surface
- for surface-mounted frame 3gang

SUITABLE FOR	ORDER NO.	PAGE
SURFACE-MOUNTED FRAMES		page 324

DESIGN	ORDER NO.	PU
white	**1021 32**	10



B.
Berker

FRAMES 330-331

Robust. Hardly any term describes the Berker Q.3 better. On the hand, there is its clear contour, on another its scratch-resistant and friendly surface. It is equipped with the same centre plates as its sister programme Berker Q.1. Its functional benefits are also noteworthy: the Berker Q.3 is ideally suited to installations in dado ducts.

- Together with the radii of the central plates, the clear, cornered frame forms a design contrast, which can be ideally integrated into the architecture of modern buildings.
- Combination frames allow you to combine up to 5 devices vertically or horizontally.
- Available surface: polar white, velvety lacquered anthracite

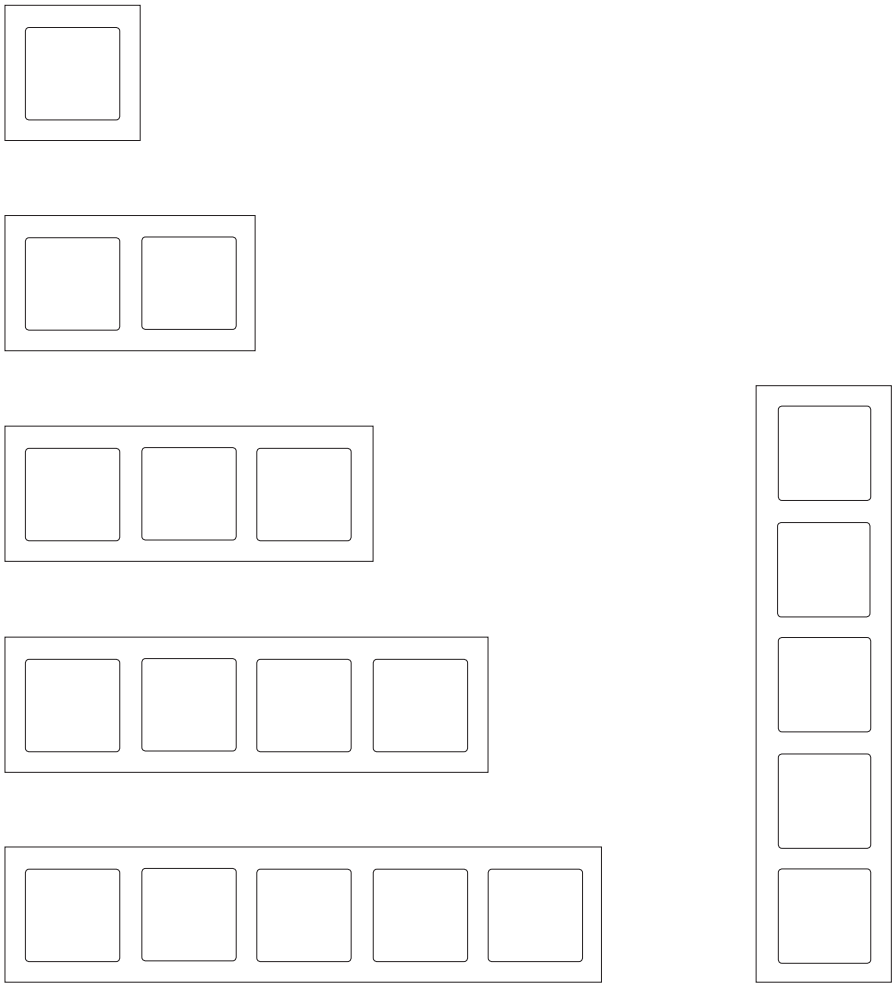


Marked items are suitable for installation of splash-protected flush-mounted IP 44 when used in conjunction with corresponding sealing set.

Frame, 1gang
W 80.5 mm x H 80.5 mm, 1gang

Frame, 2 to 5gang, horizontal
W 151.5 mm x H 80.5 mm, 2gang
W 222.5 mm x H 80.5 mm, 3gang
W 293.5 mm x H 80.5 mm, 4gang
W 364.5 mm x H 80.5 mm, 5gang

Frames 2 to 5gang, vertical
H 151.5 mm x W 80.5 mm, 2gang
H 222.5 mm x W 80.5 mm, 3gang
H 293.5 mm x W 80.5 mm, 4gang
H 364.5 mm x W 80.5 mm, 5gang



PRODUCT EXAMPLES







FRAMES / covers / central inserts

Plastic, silky

Polar white	similar to RAL 9010
Anthracite	similar to RAL 7021
Red	similar to RAL 3003
Green	similar to RAL 6029
Orange	similar to RAL 2003



FRAMES

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



Frame

- for vertical and horizontal mounting

SUITABLE FOR	ORDER NO.	PAGE
optional		
Sealings IP44		page 308

i 954

DESIGN	ORDER NO.	PU
polar white velvety, 1gang	**1011 60 99**	10
polar white velvety, 2gang	**1012 60 99**	2
polar white velvety, 3gang	**1013 60 99**	2
polar white velvety, 4gang	**1014 60 99**	2
polar white velvety, 5gang	**1015 60 99**	2



Frame

- for vertical and horizontal mounting

SUITABLE FOR	ORDER NO.	PAGE
optional		
Sealings IP44		page 308

i 954

DESIGN	ORDER NO.	PU
anthracite velvety, lacquered, 1gang	**1011 60 96**	10
anthracite velvety, lacquered, 2gang	**1012 60 96**	2
anthracite velvety, lacquered, 3gang	**1013 60 96**	2
anthracite velvety, lacquered, 4gang	**1014 60 96**	2
anthracite velvety, lacquered, 5gang	**1015 60 96**	2



Frame

- Labelling field



For inserts with order no. 4522, 4523, 4593, 4594, mounting of the labelling field on the supporting ring is not possible.
For this, the labelling field can be engaged in the recess of the frame.
When the frame has been dismantled, the labelling field remains on the insert.

- also suitable for cable ducts

DESIGN	ORDER NO.	PU
polar white velvety, 1gang	**1051 60 99**	10
polar white velvety, 2gang horizontal	**1022 60 99**	10
polar white velvety, 2gang vertical	**1052 60 99**	10
polar white velvety, 3gang horizontal	**1023 60 99**	10
polar white velvety, 3gang vertical	**1053 60 99**	10

Frames with large cut-out



Frame with large cut-out

Not suitable for surface-mounted frames.

- for vertical mounting

SUITABLE FOR	ORDER NO.	PAGE
Push-button 3gang with thermostat	7566 37 29	776
Push-button 5gang with thermostat	7566 57 29	776

i 954

DESIGN	ORDER NO.	PU
polar white velvety	**1309 60 99**	2



Frame with large cut-out

Not suitable for surface-mounted frames.

- for vertical mounting

SUITABLE FOR	ORDER NO.	PAGE
Push-button 3gang with thermostat	7566 37 26	776
Push-button 5gang with thermostat	7566 57 26	776

i 954

DESIGN	ORDER NO.	PU
anthracite velvety, lacquered	**1309 60 96**	1



B.
Berker

SCHUKO SOCKET OUTLETS	336-342
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COVERS FOR SWITCHES/PUSH-BUTTONS	347-350
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Profiled, contoured, sleek: the Berker K.1 and its sister programme, Berker K.5, are perfect examples for straight designs. It gets better: the Berker K.5 is now also available in fully-anodised aluminium, as well as in its classic stainless steel variant.

BERKER K.1

- High breaking resistance and long life
- Available in glossy polar white or matt anthracite
- Multiple frames vertical or horizontal for up to five devices

BERKER K.5

- High-quality stainless steel combined with classic design
- Unique combination of clear contours and matt-shiny surface
- Also available in fully-anodised aluminium (according to E6EV1)

DESIGNPREIS 2007 NOMINIERT

GOOD DESIGN

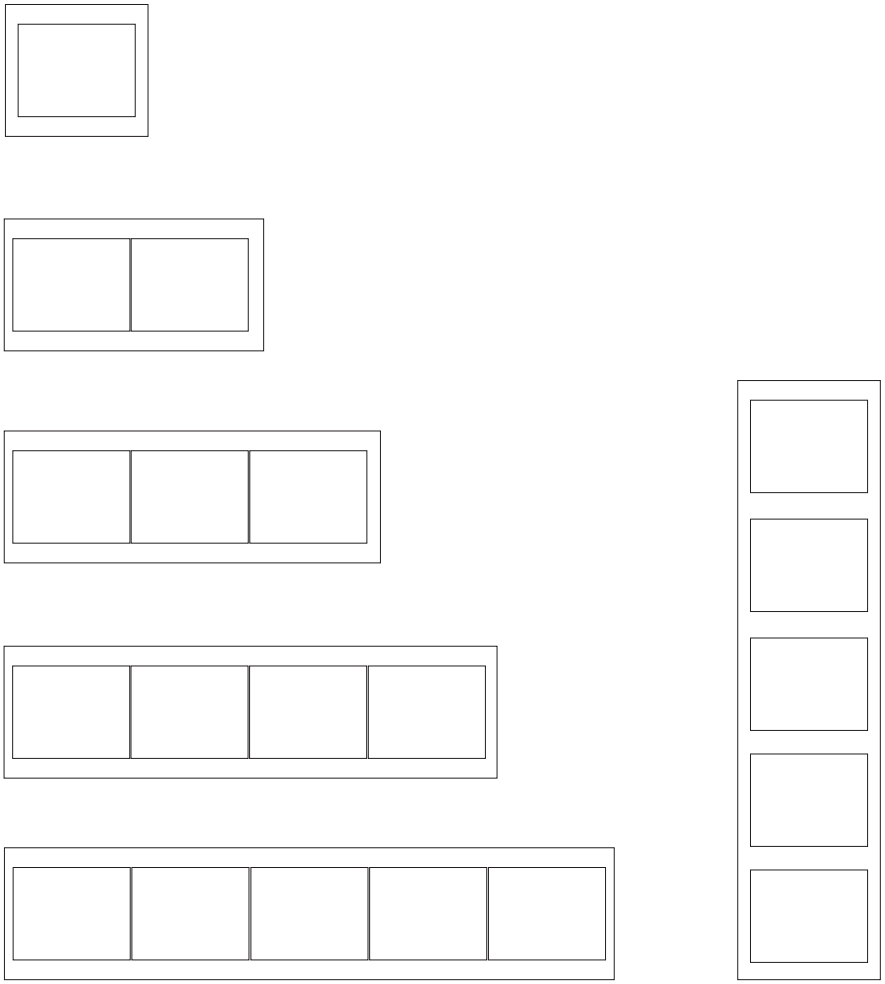
DESIGN PLUS

Marked items are suitable for installation of splash-protected flush-mounted IP 44 when used in conjunction with corresponding sealing set.

Frame, 1gang
W 87 mm x H 80.5 mm, 1gang

Frame, 2 to 5gang, horizontal
W 158 mm x H 80.5 mm, 2gang
W 229 mm x H 80.5 mm, 3gang
W 300 mm x H 80.5 mm, 4gang
W 371 mm x H 80.5 mm, 5gang

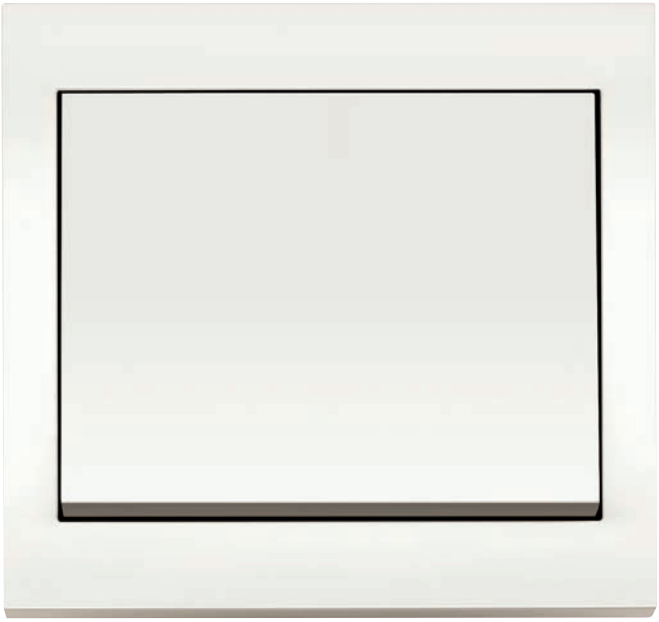
Frames 2 to 5gang, vertical
H 151.5 mm x W 87 mm, 2gang
H 222.5 mm x W 87 mm, 3gang
H 293.5 mm x W 87 mm, 4gang
H 364.5 mm x W 87 mm, 5gang



PRODUCT EXAMPLES







FRAMES / COVERS / CENTRAL INSERTS

Plastic, glossy

Polar white	similar to RAL 9010
Red	similar to RAL 3003
Green	similar to RAL 6029
Orange	similar to RAL 2003
Yellow	similar to RAL 1004

Plastic, matt lacquered
Anthracite, similar to RAL 7021

Metal, matt finish
Stainless steel

Metal, anodised
Aluminium (according to E6EV1)

Individual items that cannot be coated for technical reasons are lacquered.







SCHUKO SOCKET OUTLETS

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1



SCHUKO socket outlet

Rated voltage 250 V~
Rated current 16 A

- with plug-in terminals

i 882

DESIGN	ORDER NO.	PU
polar white glossy	**4715 70 09**	10
anthracite matt, lacquered	**4715 70 06**	10
Aluminium, aluminium anodised	**4715 70 03**	10
Stainless steel, metal matt finish	**4715 70 04**	10



SCHUKO socket outlet
- enhanced contact protection

Rated voltage 250 V~
Rated current 16 A

- with plug-in terminals

i 882

DESIGN	ORDER NO.	PU
polar white glossy	**4735 70 09**	10
anthracite matt, lacquered	**4735 70 06**	10
Aluminium, aluminium anodised	**4735 70 03**	10
Stainless steel, metal matt finish	**4735 70 04**	10



SCHUKO socket outlet
- Screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

- with screw-in lift terminals

i 882

DESIGN	ORDER NO.	PU
polar white glossy	**4115 70 09**	10
anthracite matt, lacquered	**4115 70 06**	10
Aluminium, aluminium anodised	**4115 70 03**	10
Stainless steel, metal matt finish	**4115 70 04**	10



SCHUKO socket outlet
- enhanced contact protection
- Screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

- with screw-in lift terminals

i 882

DESIGN	ORDER NO.	PU
polar white glossy	**4135 70 09**	10
anthracite matt, lacquered	**4135 70 06**	10
Aluminium, aluminium anodised	**4135 70 03**	10
Stainless steel, metal matt finish	**4135 70 04**	10



SCHUKO socket outlet

- Labelling field

- with plug-in terminals

i 882

Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
polar white glossy	**4739 70 09**	10
anthracite matt, lacquered	**4739 70 06**	10
aluminium matt, lacquered	**4739 70 03**	10
stainless steel matt, lacquered	**4739 70 04**	10



SCHUKO socket outlet

- Labelling field
- enhanced contact protection

- with plug-in terminals

i 882

Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
polar white glossy	**4738 70 09**	10
anthracite matt, lacquered	**4738 70 06**	10
aluminium matt, lacquered	**4738 70 03**	10
stainless steel matt, lacquered	**4738 70 04**	10



SCHUKO socket outlet 45°

- Labelling field

- for diagonal installation
- with plug-in terminals

i 882

Rated voltage 250 V~
Rated current 16 A

Specially suited to combinations of several socket outlets if right angle plugs are used.

Labelling field height designed for 6 mm P-touch strips.

DESIGN	ORDER NO.	PU
polar white glossy	**4728 71 09**	10
anthracite matt, lacquered	**4728 71 06**	10
aluminium matt, lacquered	**4728 71 03**	10
stainless steel matt, lacquered	**4728 71 04**	10



SCHUKO socket outlet with LED orientation light

- enhanced contact protection
- Screw-in lift terminals

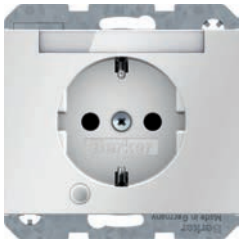
Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Power consumption	0,25 W/0,35 VA
Switch-off brightness	ca. 4 lx
Light intensity (white)	0.2 cd
Switch-on brightness	ca. 2 lx
Conductor cross-section (rigid)	max. 2.5 mm²

Caution!
Items with special flush-mounted insert.
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

- additional benefit by combination of a socket outlet with an orientation light
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- long service life of the LED
- white LED light
- through-wiring possible, therefore also ideal for retrofitting
- with screw-in lift terminals

i 882

DESIGN	ORDER NO.	PU
polar white glossy	**4109 70 09**	10
anthracite matt, lacquered	**4109 70 06**	10
aluminium matt, lacquered	**4109 70 03**	10
stainless steel matt, lacquered	**4109 70 04**	10



SCHUKO socket outlet with control LED

- Labelling field
- enhanced contact protection
- Screw-in lift terminals

Rated voltage	250 V~
Rated current	16 A

Labelling field height arranged for P-touch strips 6 mm.

- with screw-in lift terminals

i 882

DESIGN	ORDER NO.	PU
polar white glossy	**4110 70 09**	10



Double SCHUKO socket outlet with cover plate

Rated voltage	250 V~
Rated current	16 A
Assembling height	22 mm

For installation in 1gang wall boxes according to DIN 49073-1

- with plug-in terminals

i 882

DESIGN	ORDER NO.	PU
polar white glossy	**4753 70 09**	10
anthracite matt, lacquered	**4753 70 06**	10
aluminium matt, lacquered	**4753 70 03**	10
stainless steel matt, lacquered	**4753 70 04**	10



Double SCHUKO socket outlet with cover plate

- enhanced contact protection

- with plug-in terminals

i 882

Rated voltage	250 V~
Rated current	16 A
Assembling height	22 mm

For installation in 1gang wall boxes according to DIN 49073-1

DESIGN	ORDER NO.	PU
polar white glossy	**4729 70 09**	10
anthracite matt, lacquered	**4729 70 06**	10
aluminium matt, lacquered	**4729 70 03**	10
stainless steel matt, lacquered	**4729 70 04**	10

SCHUKO socket outlets with hinged cover

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.



SCHUKO socket outlet with hinged cover

- enhanced contact protection

- when opening hinged cover, it can be arrested in end position
- with imprint
- with plug-in terminals

i 882

Rated voltage	250 V~
Rated current	16 A

DESIGN	ORDER NO.	PU
polar white glossy	**4751 71 09**	10
anthracite matt, lacquered	**4751 71 06**	10
Aluminium, aluminium anodised	**4751 71 03**	10
Stainless steel, metal matt finish	**4751 71 04**	10



SCHUKO socket outlet with hinged cover

- enhanced contact protection

- with self-closing hinged covers
- with imprint
- with plug-in terminals

Rated voltage	250 V~
Rated current	16 A

SUITABLE FOR	ORDER NO.	PAGE
optional		
Sealing set for socket outlets/centre plates		page 375

i 882

DESIGN	ORDER NO.	PU
polar white glossy	**4751 72 09**	10
anthracite matt, lacquered	**4751 72 06**	10
Aluminium, aluminium anodised	**4751 72 03**	10
Stainless steel, metal matt finish	**4751 72 04**	10



SCHUKO socket outlet with hinged cover

- enhanced contact protection

Rated voltage 250 V~
Rated current 16 A

Specially suited to combinations of several socket outlets if right angle plugs are used.

- when opening hinged cover, it can be arrested in end position
- with imprint
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals

i 882

DESIGN	ORDER NO.	PU
polar white glossy	**4747 71 09**	10
anthracite matt, lacquered	**4747 71 06**	10
Aluminium, aluminium anodised	**4747 71 03**	10
Stainless steel, metal matt finish	**4747 71 04**	10



SCHUKO socket outlet with hinged cover

- Labelling field
- enhanced contact protection

Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for 6 mm P-touch strips.

Specially suited to combinations of several socket outlets if right angle plugs are used.

- when opening hinged cover, it can be arrested in end position
- with imprint
- with plug-in terminals

i 882

DESIGN	ORDER NO.	PU
polar white glossy	**4752 71 09**	10
anthracite matt, lacquered	**4752 71 06**	10
Aluminium, aluminium anodised	**4752 71 03**	10
Stainless steel, metal matt finish	**4752 71 04**	10



SCHUKO socket outlet with hinged cover

- Labelling field
- enhanced contact protection

Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for 6 mm P-touch strips.

Specially suited to combinations of several socket outlets if right angle plugs are used.

- with self-closing hinged covers
- with imprint
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Sealing set for socket outlets/centre plates		page 375

i 882

DESIGN	ORDER NO.	PU
polar white glossy	**4752 72 09**	10
anthracite matt, lacquered	**4752 72 06**	10
Aluminium, aluminium anodised	**4752 72 03**	10
Stainless steel, metal matt finish	**4752 72 04**	10



SCHUKO socket outlet with hinged cover

- **Labelling field**
- **enhanced contact protection**
- **Installation position variable in 45° steps**



Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for 6 mm P-touch strips.

Specially suited to combinations of several socket outlets if right angle plugs are used.

- when opening hinged cover, it can be arrested in end position
- with imprint
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals

i 882

DESIGN	ORDER NO.	PU
polar white glossy	**4748 71 09**	10
anthracite matt, lacquered	**4748 71 06**	10
Aluminium, aluminium anodised	**4748 71 03**	10
Stainless steel, metal matt finish	**4748 71 04**	10

SCHUKO socket outlets for special applications



SCHUKO socket outlet

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

- with plug-in terminals

i 882

DESIGN	ORDER NO.	PU
red glossy	**4715 70 15**	10
green glossy	**4715 70 13**	10
orange glossy	**4715 70 14**	10



SCHUKO socket outlet with imprint

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

Labelling field height designed for 6 mm P-touch strips.

- with plug-in terminals

i 882

DESIGN	ORDER NO.	PU
red glossy, Imprint “EDV”	**4715 71 15**	10
green glossy, Imprint “SV”	**4715 71 13**	10
orange glossy, Imprint “ZSV”	**4715 71 14**	10



SCHUKO socket outlet

- **Labelling field**



Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

Labelling field height designed for 6 mm P-touch strips.

- with plug-in terminals

i 882

DESIGN	ORDER NO.	PU
red glossy	**4739 70 15**	10
green glossy	**4739 70 13**	10
orange glossy	**4739 70 14**	10



SCHUKO socket outlet with imprint

- **Labelling field**

- with plug-in terminals

i 882

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.
Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
red glossy, Imprint “EDV”	**4739 71 15**	10
green glossy, Imprint “SV”	**4739 71 13**	10
orange glossy, Imprint “ZSV”	**4739 71 14**	10



SCHUKO socket outlet with control LED and imprint

- **Labelling field**
- **enhanced contact protection**
- **Screw-in lift terminals**

- with screw-in lift terminals

i 882

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.
Labelling field height arranged for P-touch strips 6 mm.
Execution SV, ZSV according to VDE 0100-710

DESIGN	ORDER NO.	PU
red glossy, Imprint “EDV”	**4110 71 15**	10
green glossy, Imprint “SV”	**4110 71 13**	10
orange glossy, Imprint “ZSV”	**4110 71 14**	10

FLUSH-MOUNTED SAFETY DEVICES

SCHUKO socket outlets with safety device



SCHUKO socket outlet with overvoltage protection

- **Labelling field**
- **Screw terminals**

- with indicator LED for “on/error”
- with acoustic fault signal
- with imprint
- with screw terminals

i 945

Rated voltage 250 V~
Frequency 50/60 Hz
Rated current 16 A
Insertion depth 32 mm

Labelling field height arranged for P-touch strips 6 mm.
Connection terminals according to IEC 60884-1
Overvoltage protection according to EN 61643 and VDE 0675-6-11

DESIGN	ORDER NO.	PU
polar white glossy	**4152 71 09**	1
anthracite matt, lacquered	**4152 71 06**	1
aluminium matt, lacquered	**4152 71 03**	1
stainless steel matt, lacquered	**4152 71 04**	1
red glossy	**4152 71 15**	1



SCHUKO socket outlet with residual current circuit-breaker

- enhanced contact protection

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Measurement error current	30 mA
Trigger time	≤ 30 ms
Surge current resistance	250 A (8/20) µs
Short-circuit resistance (with back-up fuse 20 AgL)	3 kA

- type A for alternating currents and pulsating direct currents
- to protect connected and downstream loads
- with plug-in terminals

i 944

Through-wired socket outlets are also protected.
Connection terminals according to IEC 60884-1
Tested conform VDE 0664 (EN 61008)

DESIGN	ORDER NO.	PU
polar white glossy	**4708 70 09**	1
anthracite matt, lacquered	**4708 70 06**	1
aluminium matt, lacquered	**4708 70 03**	1
stainless steel matt, lacquered	**4708 70 04**	1

Covers for protection switch



50 x 50 mm centre plate for RCD protection switch

Caution!
Use only with adapter ring for centre plate 50 x 50 mm from the corresponding range.

SUITABLE FOR	ORDER NO.	PAGE
Adapter ring for centre plate 50 x 50 mm		page 370
Residual current circuit-breaker	2844	865

DESIGN	ORDER NO.	PU
polar white glossy	**1493 09**	1
anthracite matt	**1493 16 06**	1
stainless steel matt, lacquered	**1493 04**	1

INTERNATIONAL SOCKET OUTLET SYSTEMS

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1

Socket outlets without earthing contact



Socket outlet without earthing contact

Rated voltage	250 V~
Rated current	16 A
Mirror depth	8 mm

- without spreader claws
- 2pole
- with plug-in terminals

i 882

DESIGN	ORDER NO.	PU
polar white glossy	**61 6715 70 09**	10
anthracite matt, lacquered	**61 6715 70 06**	10
aluminium matt, lacquered	**61 6715 70 03**	10
stainless steel matt, lacquered	**61 6715 70 04**	10



Socket outlet without earthing contact EURO-AMERICAN STANDARD

- enhanced contact protection

- centre plate for plug-in fixing
- without spreader claws
- 2pole
- with screw terminals

Rated voltage	250 V~
Rated current	10 A
Conductor cross-section (rigid)	max. 4 mm²

i 882

Only for Asia.

DESIGN	ORDER NO.	PU
polar white glossy	**33 4207 80 09**	1

Socket outlets with earthing pin



Socket outlet with earthing pin

- enhanced contact protection

- 2pole + earth
- with plug-in terminals

Rated voltage	250 V~
Rated current	16 A
Mirror depth	14.7 mm

i 882

DESIGN	ORDER NO.	PU
polar white glossy	**67 6875 70 09**	10
anthracite matt, lacquered	**67 6875 70 06**	10
Aluminium, aluminium anodised	**67 6875 70 03**	10
Stainless steel, metal matt finish	**67 6875 70 04**	10



Socket outlet with earthing pin

- enhanced contact protection
- Screw-in lift terminals

- 2pole + earth
- with screw-in lift terminals

Rated voltage	250 V~
Rated current	16 A
Mirror depth	14.7 mm

i 882

DESIGN	ORDER NO.	PU
polar white glossy	**67 6575 70 09**	10
anthracite matt, lacquered	**67 6575 70 06**	10
Aluminium, aluminium anodised	**67 6575 70 03**	10
Stainless steel, metal matt finish	**67 6575 70 04**	10



Socket outlet with earthing pin and LED orientation light

- enhanced contact protection
- Screw-in lift terminals

Rated voltage	250 V~
Rated current	16 A
Power consumption	0,25 W/0,35 VA
Switch-off brightness	ca. 4 lx
Light intensity (white)	0.2 cd
Switch-on brightness	ca. 2 lx
Conductor cross-section (rigid)	max. 2.5 mm²
Frequency	50/60 Hz

Caution!
Items with special flush-mounted insert.
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

- additional benefit by combination of a socket outlet with an orientation light
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- long service life of the LED
- white LED light
- 2pole + earth
- through-wiring possible, therefore also ideal for retrofitting
- with screw-in lift terminals

i 882

DESIGN	ORDER NO.	PU
polar white glossy	**67 6510 70 09**	10
anthracite matt	**67 6510 70 06**	10
aluminium matt, lacquered	**67 6510 70 03**	10
stainless steel matt, lacquered	**67 6510 70 04**	10



Socket outlet with earth contact pin and monitoring LED

- enhanced contact protection
- Screw-in lift terminals

Rated voltage	250 V~
Rated current	16 A

- 2pole + earth
- with screw-in lift terminals

i 882

DESIGN	ORDER NO.	PU
polar white glossy	**67 6509 70 09**	10



Socket outlet with earthing pin and hinged cover

- enhanced contact protection

Rated voltage	250 V~
Rated current	16 A

- when opening hinged cover, it can be arrested in end position
- with imprint
- 2pole + earth
- with plug-in terminals

i 882

DESIGN	ORDER NO.	PU
polar white glossy	**67 6877 71 09**	10
anthracite matt, lacquered	**67 6877 71 06**	10
Aluminium, aluminium anodised	**67 6877 71 03**	10
Stainless steel, metal matt finish	**67 6877 71 04**	10



Socket outlet with earthing pin and hinged cover

- enhanced contact protection
- Screw-in lift terminals

- when opening hinged cover, it can be arrested in end position
- with imprint
- 2pole + earth
- with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

i 882

DESIGN	ORDER NO.	PU
polar white glossy	**67 6577 71 09**	10
anthracite matt, lacquered	**67 6577 71 06**	10
Aluminium, aluminium anodised	**67 6577 71 03**	10
Stainless steel, metal matt finish	**67 6577 71 04**	10

BRITISH STANDARD socket outlets

NEW



Socket outlet insert with earthing contact BRITISH STANDARD, can be switched off

- enhanced contact protection
- Screw terminals

- without spreader claws
- 2pole + earth
- with screw terminals

Rated voltage 250 V~
Rated current 13 A

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for socket outlets, British Standard, can be switched off		page 346

DESIGN	ORDER NO.	PU
polar white glossy	* **5342 02 19**	10
anthracite matt	* **5342 02 16**	10



Centre plate for socket outlets, British Standard, can be switched off

SUITABLE FOR	ORDER NO.	PAGE
Socket outlet insert with earthing contact BRITISH STANDARD, can be switched off		page 346

DESIGN	ORDER NO.	PU
polar white glossy	**33 1307 70 09**	10
anthracite matt, lacquered	**33 1307 70 06**	10
Aluminium, aluminium anodised	**33 1307 70 13**	10
Stainless steel, metal matt finish	**33 1307 70 14**	10

Socket outlets with earthing contact CHINA



Socket outlet with earthing contact CHINA 10 A

- enhanced contact protection
- Screw terminals

- centre plate for plug-in fixing
- without spreader claws
- 2pole + earth
- with screw terminals

Rated voltage 250 V~
Rated current 10 A
Conductor cross-section (rigid) max. 4 mm²

Only for Asia.

DESIGN	ORDER NO.	PU
polar white glossy	**33 4208 80 09**	1



Socket outlet with earthing contact CHINA 16 A

- enhanced contact protection
- Screw terminals

- centre plate for plug-in fixing
- without spreader claws
- 2pole + earth
- with screw terminals

Rated voltage	250 V~
Rated current	16 A
Conductor cross-section (rigid)	max. 4 mm²

Only for Asia.

DESIGN	ORDER NO.	PU
polar white glossy	**33 4209 80 09**	1

Socket outlets with earthing pin for special applications



Socket outlet with earth contact pin and monitoring LED

- enhanced contact protection
- Screw-in lift terminals

- 2pole + earth
- with screw-in lift terminals

i 882

Rated voltage	250 V~
Rated current	16 A

DESIGN	ORDER NO.	PU
red glossy	**67 6509 70 15**	10
green glossy	**67 6509 70 13**	10
orange glossy	**67 6509 70 14**	10

COVERS FOR SWITCHES/PUSH-BUTTONS

Rockers

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.



Rocker

Not suitable for rocker push-button switches.

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons		page 376

DESIGN	ORDER NO.	PU
polar white glossy	**1405 70 09**	10
anthracite matt, lacquered	**1405 70 06**	10
Aluminium, aluminium anodised	**1405 70 03**	10
Stainless steel, metal matt finish	**1405 70 04**	10



Rocker

- Labelling field

Not suitable for rocker push-button switches.
For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons		page 376

DESIGN	ORDER NO.	PU
polar white glossy	**1426 70 09**	10
anthracite matt, lacquered	**1426 70 06**	10
Aluminium, aluminium anodised	**1426 70 03**	10
Stainless steel, metal matt finish	**1426 70 04**	10



Rocker

- Lens



Not suitable for rocker push-button switches.

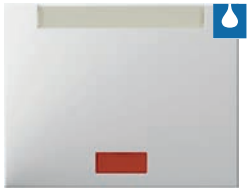
Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

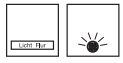
SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons		page 376

DESIGN	ORDER NO.	PU
polar white glossy	**1415 70 09**	10
anthracite matt, lacquered	**1415 70 06**	10
Aluminium, aluminium anodised	**1415 70 03**	10
Stainless steel, metal matt finish	**1415 70 04**	10



Rocker

- Labelling field
- Lens



Not suitable for rocker push-button switches.

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

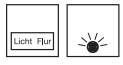
SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons		page 376

DESIGN	ORDER NO.	PU
polar white glossy	**1415 71 09**	10
anthracite matt, lacquered	**1415 71 06**	10
Aluminium, aluminium anodised	**1415 71 03**	10
Stainless steel, metal matt finish	**1415 71 04**	10



Rocker

- Large labelling field
- Lens



Labelling field (W x H) ≈ 49.5 x 20.3 mm

Not suitable for rocker push-button switches.

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

Labelling field height arranged for 2 9 mm P-touch strips.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

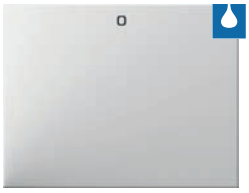
- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons		page 376

DESIGN	ORDER NO.	PU
polar white glossy	**1496 70 09**	10
anthracite matt, lacquered	**1496 70 06**	10
aluminium matt, lacquered	**1496 70 03**	10
stainless steel matt, lacquered	**1496 70 04**	10

Rockers for multi-pole rocker switches

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.

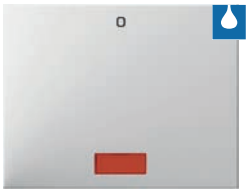


Rocker with imprint “0”

Not suitable for rocker push-button switches.

SUITABLE FOR	ORDER NO.	PAGE
Multi-pole rocker switches		page 25
optional		
Sealing set for switches/push-buttons		page 376

DESIGN	ORDER NO.	PU
polar white glossy	**1425 71 09**	10
anthracite matt, lacquered	**1425 71 06**	10
Aluminium, aluminium anodised	**1425 71 03**	10
Stainless steel, metal matt finish	**1425 71 04**	10



Rocker with imprint “0”

- Red lens

- for illumination and monitoring circuit
- also for KNX applications: group push-button, 1gang

Not suitable for rocker push-button switches.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

SUITABLE FOR	ORDER NO.	PAGE
Multi-pole rocker switches		page 25
optional		
Sealing set for switches/push-buttons		page 376

DESIGN	ORDER NO.	PU
polar white glossy	**1417 71 09**	10
anthracite matt, lacquered	**1417 71 06**	10
Aluminium, aluminium anodised	**1417 71 03**	10
Stainless steel, metal matt finish	**1417 71 04**	10

Multiple Rockers



Rocker 2gang

Not suitable for rockers push-button switches.

- also for KNX applications: push-button, 2gang, and group push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches, 2gang		page 27
Series push-buttons		page 28

DESIGN	ORDER NO.	PU
polar white glossy	**1435 70 09**	10
anthracite matt, lacquered	**1435 70 06**	10
Aluminium, aluminium anodised	**1435 70 03**	10
Stainless steel, metal matt finish	**1435 70 04**	10



Rocker 2gang

- Red lens

- for illumination and monitoring circuit
- also for KNX applications: push-button, 2gang, and group push-button, 2gang

Not suitable for rockers push-button switches.

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches, 2gang		page 27
Series push-buttons		page 28

DESIGN	ORDER NO.	PU
polar white glossy	**1437 70 09**	10
anthracite matt, lacquered	**1437 70 06**	10
aluminium matt, lacquered	**1437 70 03**	10
stainless steel matt, lacquered	**1437 70 04**	10



Rocker 3gang

	SUITABLE FOR	ORDER NO.	PAGE
	On/off switch 3gang	6330 23	30
DESIGN	ORDER NO.		PU
polar white glossy	**1465 70 09**		10
anthracite matt, lacquered	**1465 70 06**		10
Aluminium, aluminium anodised	**1465 70 03**		10
stainless steel matt, lacquered	**1465 70 04**		10

Centre plates for pullcord switches/pullcord push-buttons



Centre plate for pullcord switch/pullcord push-button

	SUITABLE FOR	ORDER NO.	PAGE
	Pullcord switches/pullcord push-buttons		page 31
DESIGN	ORDER NO.		PU
polar white glossy	**1147 70 09**		10
anthracite matt, lacquered	**1147 70 06**		10

Centre plates for key switches/key push-buttons

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 70 00.



Centre plate for key switch/key push-button

- for master-key systems

	SUITABLE FOR	ORDER NO.	PAGE
	Key switches/key push-buttons		page 32
	Lock cylinder	1818 ..	72
	optional		
	Sealing set for key switch/key push-button		page 376
DESIGN	ORDER NO.		PU
polar white glossy	**1505 70 09**		10
anthracite matt, lacquered	**1505 70 06**		10
aluminium matt, lacquered	**1505 70 03**		10
stainless steel matt, lacquered	**1505 70 04**		10

TIMERS



Centre plate for mechanical timer

	SUITABLE FOR	ORDER NO.	PAGE
	Mechanical timer		page 33
DESIGN	ORDER NO.		PU
with time scale 15 min			
polar white glossy	**1634 71 09**		1
anthracite matt, lacquered	**1634 71 06**		1
Aluminium, aluminium anodised	**1634 71 03**		1
Stainless steel, metal matt finish	**1634 71 04**		1
with time scale 120 min			
polar white glossy	**1635 71 09**		1
anthracite matt, lacquered	**1635 71 06**		1
Aluminium, aluminium anodised	**1635 71 03**		1
Stainless steel, metal matt finish	**1635 71 04**		1





Timer comfort for sensors

- Display

14:23

- 2 independent programme memories for everyday/holidays
- connected RolloTec brightness sensor can be used for twilight-controlled switching-on
- astro programme for sunrise/sundown switching
- with preset basic programme
- with week and day programme
- After charging, the timer can also be programmed when removed

SUITABLE FOR	ORDER NO.	PAGE
Insert for timer	2948	35
optional		
RolloTec brightness sensor	169	125
RolloTec adapter for sensors	171	125
RolloTec brightness sensor surface-mounted	184	125

i 883



DESIGN	ORDER NO.	PU
polar white glossy	# **1738 71 09**	1
anthracite matt, lacquered	# **1738 71 06**	1
aluminium matt, lacquered	# **1738 71 03**	1
stainless steel matt, lacquered	# **1738 71 04**	1



Timer comfort

- Display

14:23

- 2 independent programme memories for everyday/holidays
- astro programme for sunrise/sundown switching
- with preset basic programme
- with week and day programme

SUITABLE FOR	ORDER NO.	PAGE
Insert for timer	2948	35

i 883



DESIGN	ORDER NO.	PU
polar white glossy	# **1736 71 09**	1
anthracite matt, lacquered	# **1736 71 06**	1
aluminium matt, lacquered	# **1736 71 03**	1
stainless steel matt, lacquered	# **1736 71 04**	1



Timer Easy

- Display

14:23

- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of switching times
- programmable for approx. 4 h after removing insert
- with quick programming mode

SUITABLE FOR	ORDER NO.	PAGE
Insert for timer	2948	35

i 883



DESIGN	ORDER NO.	PU
polar white glossy	# **1735 70 09**	1
anthracite matt, lacquered	# **1735 70 06**	1
aluminium matt, lacquered	# **1735 70 03**	1
stainless steel matt, lacquered	# **1735 70 04**	1

BERKER.NET - CONVENTIONAL ELECTRONICS PLATFORM

Buttons for switches/dimmers

NEW



Button 1gang

Operating voltage — via insert

- with 2-push-buttons operation concept
- low intrinsic energy requirement

SUITABLE FOR	ORDER NO.	PAGE
Switch insert 1gang	8512 11 00	47
Relay insert	8512 12 00	47
Touch dimmer (R, L)	8542 11 00	48
Universal touch dimmer 1gang	8542 12 00	49

i 918



DESIGN	ORDER NO.	PU
polar white glossy	* **8514 11 79**	1
anthracite matt, lacquered	* **8514 11 75**	1
aluminium, matt, lacquered	* **8514 11 77**	1
stainless steel matt, lacquered	* **8514 11 73**	1

NEW



Button 2gang

Operating voltage — via insert

- with 2-push-buttons operation concept per series
- low intrinsic energy requirement

SUITABLE FOR	ORDER NO.	PAGE
Switch insert 2gang	8512 22 00	48
Universal touch dimmer 2gang	8542 21 00	49

i 918



DESIGN	ORDER NO.	PU
polar white glossy	* **8514 21 79**	1
anthracite matt, lacquered	* **8514 21 75**	1
aluminium, matt, lacquered	* **8514 21 77**	1
stainless steel matt, lacquered	* **8514 21 73**	1

Motion detector covers

NEW



IR Motion detector comfort

Delay time, adjustable — ≈ 10 s ... 30 min

- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- with button for on/off/automatic
- step operation with immunity time (e.g. for stair light/impact current circuits)
- low intrinsic energy requirement

SUITABLE FOR	ORDER NO.	PAGE
Inserts		page 80

i 918



DESIGN	ORDER NO.	PU
Nominal mounting height 1.1 m		
polar white glossy	* **8534 12 79**	1
anthracite matt, lacquered	* **8534 12 75**	1
aluminium, matt, lacquered	* **8534 12 77**	1
stainless steel matt, lacquered	* **8534 12 73**	1
Nominal mounting height 2.2 m		
polar white glossy	* **8534 22 79**	1
anthracite matt, lacquered	* **8534 22 75**	1
aluminium, matt, lacquered	* **8534 22 77**	1
stainless steel matt, lacquered	* **8534 22 73**	1



Motion detector

Delay time ≈ 180 s

- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- with button for on/off/automatic
- low intrinsic energy requirement

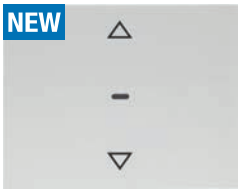
SUITABLE FOR	ORDER NO.	PAGE
Inserts		page 80

i 918



DESIGN	ORDER NO.	PU
Nominal mounting height 1.1 m		
polar white glossy	* **8534 11 79**	1
anthracite matt, lacquered	* **8534 11 75**	1
aluminium, matt, lacquered	* **8534 11 77**	1
stainless steel matt, lacquered	* **8534 11 73**	1
Nominal mounting height 2.2 m		
polar white glossy	* **8534 21 79**	1
anthracite matt, lacquered	* **8534 21 75**	1
aluminium, matt, lacquered	* **8534 21 77**	1
stainless steel matt, lacquered	* **8534 21 73**	1

Blind buttons



Blind button

Delay time, adjustable	0 s ... 500 s
Change-over time for change of direction	< 0.6 s
Minimum slat adjustment time	≈ 150 ms
Venetian blind movement time	2 min

- memory function for automatic execution of learned up and down times with position
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- low intrinsic energy requirement
- with imprinted symbol arrows

SUITABLE FOR	ORDER NO.	PAGE
Blind insert comfort	8522 11 00	115

i 918



DESIGN	ORDER NO.	PU
polar white glossy	* **8524 11 79**	1
anthracite matt, lacquered	* **8524 11 75**	1
aluminium, matt, lacquered	* **8524 11 77**	1
stainless steel matt, lacquered	* **8524 11 73**	1

Time switches for blinds



Blind time switch

- Display

Change-over time for change of direction	< 0.6 s
Minimum slat adjustment time	≈ 150 ms
Running time	2 min
Random number generator	± 15 min
Astronomic time shift	± 2 h
Power reserve	≈ 24 h
Number of operation times for up/down	20

Control using device buttons and programmed switching times.

- with keylock
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- reset function (to factory setting)
- low intrinsic energy requirement
- astro programme for sunrise/sundown switching with city/country or co-ordinate input, individually adaptable
- holiday programme for random variation of the operation times in automatic operation
- indication of the application module/insert compatibility in the display
- LC display illuminated during operation
- LC display contrast is adjustable
- 2 independent preset programme memories, individually adaptable
- with automatic summer-/winter time switching (can be switched off)
- with switchover manual/automatic mode

SUITABLE FOR	ORDER NO.	PAGE
Blind insert comfort	8522 11 00	115

i 918

DESIGN	ORDER NO.	PU
polar white glossy	* **8574 11 79**	1
anthracite matt, lacquered	* **8574 11 75**	1
aluminium, matt, lacquered	* **8574 11 77**	1
stainless steel matt, lacquered	* **8574 11 73**	1

COVERS FOR DIMMERS

Centre plates for rotary dimmers

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.



Centre plate for rotary dimmer

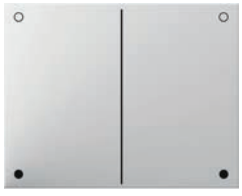
- Setting knob

Axis dimension Ø 4 mm

SUITABLE FOR	ORDER NO.	PAGE
Rotary dimmers		page 38
Rotary potentiometers DALI		page 44
1-10 V Rotary potentiometers		page 45
optional		
Sealing set for socket outlets/centre plates		page 375

DESIGN	ORDER NO.	PU
polar white glossy	**1135 70 09**	10
anthracite matt, lacquered	**1135 70 06**	10
Aluminium, aluminium anodised	**1135 70 03**	10
Stainless steel, metal matt finish	**1135 70 04**	10

Push-buttons



Button for universal series touch dimmer

SUITABLE FOR	ORDER NO.	PAGE
Universal series touch dimmer (R, L, C)	2901	56

i 887

DESIGN	ORDER NO.	PU
polar white glossy	# **1765 70 09**	1
anthracite matt, lacquered	# **1765 70 06**	1
Aluminium, aluminium anodised	# **1765 70 03**	1
Stainless steel, metal matt finish	# **1765 70 04**	1

BLC -BERKER LIGHT CONTROL

BLC push-buttons



BLC push-button

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 51
BLC dimmers		page 54
BLC insert for timer	2934 10	53
BLC extension unit	2907	55

i 889



DESIGN		ORDER NO.	PU
polar white glossy	#	**1761 70 09**	1
anthracite matt, lacquered	#	**1761 70 06**	1
Aluminium, aluminium anodised	#	**1761 70 03**	1
Stainless steel, metal matt finish	#	**1761 70 04**	1

BLC controller





BLC controller comfort 1.1 m

Delay time, adjustable	≈ 10 s ... 30 min	
Detection angle	180 °	

- with teach function for response brightness
- with slide switch for OFF/automatic/ON
- step operation with immunity time (e.g. for bell)
- with cover to limit detection angle to 90°

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 51
BLC dimmers		page 54
BLC insert for timer	2934 10	53
BLC extension unit for motion detector	2908	88

i 892



DESIGN		ORDER NO.	PU
Nominal mounting height 1.1 m			
polar white glossy	#	**1784 70 09**	1
anthracite matt, lacquered	#	**1784 70 06**	1
aluminium matt, lacquered	#	**1784 70 03**	10
stainless steel matt, lacquered	#	**1784 70 04**	1





BLC IR controller comfort 2.2 m with hand-held transmitter

Delay time, adjustable ≈ 10 s ... 60 min
Detection angle 180 °

Scope of delivery:
- BLC IR controller comfort 2.2 m
- hand-held transmitter for BLC IR controller

- with 2 buttons for permanent ON (LED green), permanent OFF (LED red) and automatic
- with detection and IR receiver LED red, and IR confirmation LED green
- with teach function for response brightness
- presence simulation via remote control: retrieval of the switching operations from the last 7 days
- hotel mode via remote control: without motion dimming to 20%
- short-time mode with immunity time (e.g. for bell) via remote control
- test mode via remote control: response sensitivity 100%, time delay 1 s and day mode

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 51
BLC dimmers		page 54
BLC insert for timer	2934 10	53
BLC extension unit for motion detector	2908	88
replacement		
Replacement hand-held transmitter for BLC IR controller	2770 ..	93

i 893



DESIGN	ORDER NO.	PU
Nominal mounting height 2.2 m		
polar white glossy	# **1789 70 09**	1
anthracite matt, lacquered	# **1789 70 06**	1
aluminium matt, lacquered	# **1789 70 03**	1
stainless steel matt, lacquered	# **1789 70 04**	1



BLC controller

Delay time ≈ 2 min
Detection angle 180 °

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 51
BLC dimmers		page 54
BLC insert for timer	2934 10	53
BLC extension unit for motion detector	2908	88

i 892





DESIGN	ORDER NO.	PU
Nominal mounting height 1.1 m		
polar white glossy [1]	# **1783 70 09**	1
anthracite matt, lacquered [1]	# **1783 70 06**	1
aluminium matt, lacquered [1]	# **1783 70 03**	1
stainless steel matt, lacquered [1]	# **1783 70 04**	1
Nominal mounting height 2.2 m		
polar white glossy	# **1788 70 09**	1
anthracite matt, lacquered	# **1788 70 06**	1
aluminium matt, lacquered	# **1788 70 03**	1
stainless steel matt, lacquered	# **1788 70 04**	1

[1] with cover to limit detection angle to 90°



BLC controller comfort IP44

Delay time, adjustable ≈ 10 s ... 30 min
Detection angle 180 °

- with teach function for response brightness
- with cover to limit detection angle to 90°

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 51
BLC dimmers		page 54
BLC insert for timer	2934 10	53
BLC extension unit for motion detector	2908	88

IP44

i 892



DESIGN	ORDER NO.	PU
Nominal mounting height 1.1 m		
polar white glossy	# **1784 71 09**	1
anthracite matt, lacquered	# **1784 71 06**	1
Nominal mounting height 2.2 m		
polar white glossy	# **1787 71 09**	1
anthracite matt, lacquered	# **1787 71 06**	1



BLC controller IP44

Delay time ≈ 2 min
Detection angle 180 °

- with cover to limit detection angle to 90°

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 51
BLC dimmers		page 54
BLC insert for timer	2934 10	53
BLC extension unit for motion detector	2908	88

IP44

i 892



DESIGN	ORDER NO.	PU
Nominal mounting height 1.1 m		
polar white glossy	# **1783 71 09**	1
anthracite matt, lacquered	# **1783 71 06**	1
Nominal mounting height 2.2 m		
polar white glossy	# **1786 71 09**	1
anthracite matt, lacquered	# **1786 71 06**	1

COVERS FOR BLIND SWITCHES/PUSH-BUTTONS

Rockers with imprint



Rocker 2gang with imprinted arrow symbol

- also for KNX applications: push-button, 2gang
- for blind series switch/push-button

SUITABLE FOR	ORDER NO.	PAGE
Switches/ push-buttons for blinds		page 108

DESIGN	ORDER NO.	PU
polar white glossy	**1435 71 09**	10
anthracite matt, lacquered	**1435 71 06**	10
Aluminium, aluminium anodised	**1435 71 03**	10
Stainless steel, metal matt finish	**1435 71 04**	10



Rocker 2gang with imprinted arrows symbol

- also for KNX applications: group push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Group series push-button, 4 NO contacts, common input terminal	5034 04	28

DESIGN	ORDER NO.	PU
polar white glossy	**1435 72 09**	10
anthracite matt, lacquered	**1435 72 06**	10
Aluminium, aluminium anodised	**1435 72 03**	10
Stainless steel, metal matt finish	**1435 72 04**	10

Centre plates for rotary switches for blinds

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.



Centre plate with rotary knob for rotary switch for blinds

- with imprint

SUITABLE FOR	ORDER NO.	PAGE
Rotary switches for blinds		page 110
optional		
Sealing set for socket outlets/centre plates		page 375
Interlock disk for rotary switch for blinds	1861	111

DESIGN	ORDER NO.	PU
polar white glossy	**1077 71 09**	1
anthracite matt, lacquered	**1077 71 06**	1
Aluminium, aluminium anodised	**1077 71 03**	1
Stainless steel, metal matt finish	**1077 71 04**	1

Centre plates for key switches/key push-buttons for blinds

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 70 00.



Centre plate with lock and push lock function for switch for blinds

- Key can be removed in 0 position



- with imprint
- with 2 keys

SUITABLE FOR	ORDER NO.	PAGE
Switch for blinds 1pole for centre plate with lock	3851	111
Switch for blinds 2pole for centre plate with lock	3852	111

DESIGN	ORDER NO.	PU
polar white glossy	**1079 71 09**	1
anthracite matt, lacquered	**1079 71 06**	1
Aluminium, aluminium anodised	**1079 71 03**	1
Stainless steel, metal matt finish	**1079 71 04**	1



Centre plate with lock and push lock function for switch for blinds

- Key can be removed in 3 positions



- with imprint
- with 2 keys

SUITABLE FOR	ORDER NO.	PAGE
Switch for blinds 1pole for centre plate with lock	3851	111
Switch for blinds 2pole for centre plate with lock	3852	111

DESIGN	ORDER NO.	PU
polar white glossy	**1079 72 09**	1
anthracite matt, lacquered	**1079 72 06**	1
Aluminium, aluminium anodised	**1079 72 03**	1
Stainless steel, metal matt finish	**1079 72 04**	1



Centre plate with lock and touch function for switch for blinds

- Key can be removed in 0 position

- with imprint
- with 2 keys

SUITABLE FOR	ORDER NO.	PAGE
Switch for blinds 1pole for centre plate with lock	3851	111
Switch for blinds 2pole for centre plate with lock	3852	111

DESIGN	ORDER NO.	PU
polar white glossy	**1079 73 09**	1
anthracite matt, lacquered	**1079 73 06**	1
Aluminium, aluminium anodised	**1079 73 03**	1
Stainless steel, metal matt finish	**1079 73 04**	1



Centre plate for key push-button for blinds/key switch

- with imprint
- for master-key systems
- for lock cylinder

SUITABLE FOR	ORDER NO.	PAGE
Switch for blinds 1pole for lock cylinder	3821 20	113
Switch for blinds 2pole for lock cylinder	3822 10	113
Push-button for blinds 1pole for lock cylinder	3831 ..	114
Push-button for blinds 2pole for lock cylinder	3832 10	114
Lock cylinder	1818 ..	72
optional		
Sealing set for key switch/key push-button		page 376

DESIGN	ORDER NO.	PU
polar white glossy	**1504 71 09**	10
anthracite matt, lacquered	**1504 71 06**	10
aluminium matt, lacquered	**1504 71 03**	10
stainless steel matt, lacquered	**1504 71 04**	10

ROLLOTEC

RolloTec buttons



RolloTec button comfort for sensors

- Runtime when using a surface-mounted brightness sensor, the learned running time for sun protection movement is used
- only for sensor connection to terminal block

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 118
optional		
RolloTec glass breakage sensor	170	125
RolloTec adapter for sensors	171	125
RolloTec brightness sensor	169	125
Magnetic contact	9251 0 ..	126
RolloTec brightness sensor surface-mounted	184	125

i 912

DESIGN	ORDER NO.	PU
polar white glossy	# **1771 70 09**	1
anthracite matt, lacquered	# **1771 70 06**	1
Aluminium, aluminium anodised	# **1771 70 03**	1
Stainless steel, metal matt finish	# **1771 70 04**	1



RolloTec button comfort

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 118

i 912



DESIGN	ORDER NO.	PU
polar white glossy	# **1770 70 09**	1
anthracite matt, lacquered	# **1770 70 06**	1
Aluminium, aluminium anodised	# **1770 70 03**	1
Stainless steel, metal matt finish	# **1770 70 04**	1



RolloTec memory button for sensors

Stored “up” and/or “down” time is run daily in automatic operation.

■ only for sensor connection to terminal block

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 118
optional		
RolloTec glass breakage sensor	170	125
RolloTec adapter for sensors	171	125
RolloTec brightness sensor surface-mounted	184	125
Magnetic contact	9251 0 ..	126
RolloTec brightness sensor	169	125

i 912



DESIGN	ORDER NO.	PU
polar white glossy	# **1757 70 09**	1
anthracite matt, lacquered	# **1757 70 06**	1
Aluminium, aluminium anodised	# **1757 70 03**	1
Stainless steel, metal matt finish	# **1757 70 04**	1



RolloTec memory button

Stored “up” and/or “down” time is run daily in automatic operation.

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 118

i 912



DESIGN	ORDER NO.	PU
polar white glossy	# **1756 70 09**	1
anthracite matt, lacquered	# **1756 70 06**	1
Aluminium, aluminium anodised	# **1756 70 03**	1
Stainless steel, metal matt finish	# **1756 70 04**	1

RolloTec time switches



RolloTec comfort time switch for sensors

- Display

14:23

Number of operation times for up/down 18

- with surface-mounted RolloTec brightness sensor, shutter and lamella position additionally settable
- when a surface-mounted RolloTec brightness sensor is connected, twilight-controlled lowering possible
- RolloTec brightness sensor for sun blind movement up/down can be connected
- lamella position programmable at down operation times
- with automatic summer-/winter time switching (can be switched off)
- with a total of 3 independent programme memories
- 2 programme memories preset
- astro programme for sunrise/sundown switching
- programming according to week and days possible
- programme memory network failure proved

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 118
optional		
RolloTec brightness sensor	169	125
RolloTec glass breakage sensor	170	125
RolloTec adapter for sensors	171	125
RolloTec brightness sensor surface-mounted	184	125
Magnetic contact	9251 0 ..	126

i 916

DESIGN		ORDER NO.	PU
polar white glossy	#	**1775 70 09**	1
anthracite matt, lacquered	#	**1775 70 06**	1
aluminium matt, lacquered	#	**1775 70 03**	1
stainless steel matt, lacquered	#	**1775 70 04**	1





RolloTec comfort time switch

- Display

14:23

Number of operation times for up/down 18

- lamella position programmable at down operation times
- with automatic summer-/winter time switching (can be switched off)
- with a total of 3 independent programme memories
- 2 programme memories preset
- astro programme for sunrise/sundown switching
- programming according to week and days possible
- programme memory network failure proved

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 118

i 916

DESIGN		ORDER NO.	PU
polar white glossy	#	**1774 70 09**	1
anthracite matt, lacquered	#	**1774 70 06**	1
aluminium matt, lacquered	#	**1774 70 03**	1
stainless steel matt, lacquered	#	**1774 70 04**	1





RolloTec easy time switch

- Display

Number of operation times for up/down 2

- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of operation times
- with quick programming mode
- programming possible for up to 6 h after removing insert
- with preset basic programme

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 118

i 916

DESIGN	ORDER NO.	PU
polar white glossy	# **1762 71 09**	1
anthracite matt, lacquered	# **1762 71 06**	1
aluminium matt, lacquered	# **1762 71 03**	1
stainless steel matt, lacquered	# **1762 71 04**	1

HVAC CONTROLLERS AND COVERS

Thermostats



Thermostat, NO contact, with centre plate

- Time-controlled

Rated voltage 230 V~
Frequency 50 Hz
Power consumption ≈ 1.2 W
Lithium cell power reserve [years] ≈ 10

- for underfloor heating control using room and/or floor temperature possible
- for heating or cooling mode
- for room and floor heaters
- with self-teaching heating curve

SUITABLE FOR	ORDER NO.	PAGE
Valve drive 230 V	7590 00 76	139
optional		
Temperature sensor	161	145

i 910

DESIGN	ORDER NO.	PU
polar white glossy	**2044 71 09**	1
anthracite matt	**2044 71 06**	1
aluminium matt, lacquered	**2044 71 03**	1
stainless steel, lacquered	**2044 71 04**	1



Thermostat, NO contact, with centre plate, for underfloor heating

- Rocker switch
- External temperature sensor

Rated voltage 250 V~
Frequency 50/60 Hz

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for thermostat for underfloor heating	1672 71 ..	137
Valve drive 230 V	7590 00 76	139
replacement		
Temperature sensor	161	145

i 909

DESIGN	ORDER NO.	PU
polar white glossy	**2034 71 09**	1
anthracite matt, lacquered	**2034 71 06**	1
aluminium matt, lacquered	**2034 71 03**	1
stainless steel matt, lacquered	**2034 71 04**	1



Temperature controller, change-over contact, with centre plate

Rated voltage 250 V~
Frequency 50/60 Hz

■ for heating or cooling mode

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for thermostat	1670 71 ..	138
Valve drive 230 V	7590 00 76	139

i 909

DESIGN	ORDER NO.	PU
polar white glossy	**2026 71 09**	1
anthracite matt, lacquered	**2026 71 06**	1
aluminium matt, lacquered	**2026 71 03**	1
stainless steel matt, lacquered	**2026 71 04**	1



Temperature controller, NC contact, with centre plate

- Rocker switch

Rated voltage 250 V~
Frequency 50/60 Hz

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for thermostat	1671 71 ..	138
Valve drive 230 V	7590 00 76	139

i 909

DESIGN	ORDER NO.	PU
polar white glossy	**2030 71 09**	1
anthracite matt, lacquered	**2030 71 06**	1
aluminium matt, lacquered	**2030 71 03**	1
stainless steel matt, lacquered	**2030 71 04**	1



Temperature controller, NC contact, with centre plate, 24 V AC/DC

- Rocker switch

Rated voltage 24 V~/24 V=
Frequency 50/60 Hz

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for thermostat	1671 71 ..	138
Valve drive 24 V AC/DC	7590 00 77	139

i 909

DESIGN	ORDER NO.	PU
polar white glossy	**2031 71 09**	1
anthracite matt, lacquered	**2031 71 06**	1
aluminium matt, lacquered	**2031 71 03**	1
stainless steel matt, lacquered	**2031 71 04**	1



Centre plate for thermostat for underfloor heating

- Rocker
- Setting knob

SUITABLE FOR	ORDER NO.	PAGE
Thermostat, NO contact, with centre plate, for underfloor heating	2034 71 ..	133

DESIGN	ORDER NO.	PU
polar white glossy	**1672 71 09**	1
anthracite matt, lacquered	**1672 71 06**	1
aluminium matt, lacquered	**1672 71 03**	1
stainless steel matt, lacquered	**1672 71 04**	1



Centre plate for thermostat

- Setting knob

SUITABLE FOR	ORDER NO.	PAGE
Temperature controller, change-over contact, with centre plate	2026 71 ..	134

DESIGN	ORDER NO.	PU
polar white glossy	**1670 71 09**	1
anthracite matt, lacquered	**1670 71 06**	1
aluminium matt, lacquered	**1670 71 03**	1
stainless steel matt, lacquered	**1670 71 04**	1



Centre plate for thermostat

- Rocker
- Setting knob

SUITABLE FOR	ORDER NO.	PAGE
Temperature controller, NC contact, with centre plate	2030 71 ..	135
Temperature controller, NC contact, with centre plate, 24 V AC/DC	2031 71 ..	136

DESIGN	ORDER NO.	PU
polar white glossy	**1671 71 09**	1
anthracite matt, lacquered	**1671 71 06**	1
aluminium matt, lacquered	**1671 71 03**	1
stainless steel matt, lacquered	**1671 71 04**	1

Central plates for sensor inserts



Central plate for sensor insert

Caution!
Use only with intermediate ring for central plate from the corresponding range.
Labelling field cannot be used.

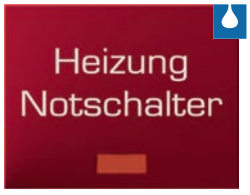
Not suitable for rocker push-button switches.

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 370
Sensor insert	7594 10 01	138

DESIGN	ORDER NO.	PU
polar white glossy	**7594 04 09**	1
anthracite matt	**7594 04 85**	1
stainless steel matt, lacquered	**7594 04 03**	1

Rockers for heating emergency switches

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.



Rocker with imprint “Heizung Notschalter”

- Red lens

Or use glass pane-protected heating emergency switch from programme ranges Arsys, flush-mounted splash-protected IP44, Aquatec IP44.

Not suitable for heating systems > 50 kW.

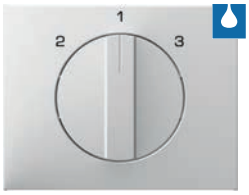
- for monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons		page 376

DESIGN	ORDER NO.	PU
red glossy	**1488 71 15**	10

Centre plates for air conditioner/fan controllers

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.



Centre plate with rotary knob for 3-step switch

SUITABLE FOR	ORDER NO.	PAGE
3-step switch	3861 ..	142
optional		
Sealing set for socket outlets/centre plates		page 375



DESIGN	ORDER NO.	PU
without 0-position, imprint 2-1-3		
polar white glossy	**1088 71 09**	1
anthracite matt, lacquered	**1088 71 06**	1
Aluminium, aluminium anodised	**1088 71 03**	1
Stainless steel, metal matt finish	**1088 71 04**	1
with 0-position, imprint 0-1-2-3		
polar white glossy	**1087 71 09**	1
anthracite matt, lacquered	**1087 71 06**	1
Aluminium, aluminium anodised	**1087 71 03**	1
Stainless steel, metal matt finish	**1087 71 04**	1



Centre plate for speed controller

- Setting knob

Axis dimension Ø 4 mm

- with imprinted symbol curve

SUITABLE FOR	ORDER NO.	PAGE
Speed controllers	2968 01	143
optional		
Sealing set for socket outlets/centre plates		page 375

DESIGN	ORDER NO.	PU
polar white glossy	**1135 72 09**	10
anthracite matt, lacquered	**1135 72 06**	10
Aluminium, aluminium anodised	**1135 72 03**	10
Stainless steel, metal matt finish	**1135 72 04**	10

COMMUNICATION/MULTIMEDIA TECHNOLOGY

- For information on suitable third-party manufacturer articles, see the chapter “Communication/multimedia technology”

Covers data communications / telecommunications

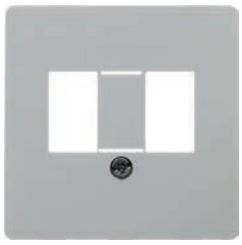


Centre plate with TAE cut-out

- also for KNX applications: USB data interface, flush-mounted

SUITABLE FOR	ORDER NO.	PAGE
		page
Modular UAE socket outlets		page 153
230 V USB charging socket outlet	2600 0 ..	172
Loudspeaker connection box	4572 0 ..	173
Stereo loudspeaker connection box	4573 0 ..	173

DESIGN	ORDER NO.	PU
polar white glossy	**1035 70 09**	10
anthracite matt, lacquered	**1035 70 06**	10
Aluminium, aluminium anodised	**1035 70 03**	10
Stainless steel, metal matt finish	**1035 70 04**	10



Central plate with TAE cut-out

- knock out

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- also for KNX applications: USB data interface, flush-mounted
- 1 knock out opening
- labelling field latchable

SUITABLE FOR	ORDER NO.	PAGE
Modular UAE socket outlets		page 153
Intermediate rings		page 370
230 V USB charging socket outlet	2600 0 ..	172
Stereo loudspeaker connection box	4573 ..	173
Loudspeaker connection box	4572 ..	173

DESIGN	ORDER NO.	PU
polar white glossy	**1458 09**	10



Centre plate for FCC socket outlet

- for 1gang socket outlet, cat.3, cat.5e and cat.6_A iso
- with 45° oblique outlet

SUITABLE FOR	ORDER NO.	PAGE
UAE socket outlets 1gang		page 148

DESIGN	ORDER NO.	PU
polar white glossy	**1407 70 09**	10
anthracite matt, lacquered	**1407 70 06**	10
Aluminium, aluminium anodised	**1407 70 03**	10
Stainless steel, metal matt finish	**1407 70 04**	10



Central plate for FCC socket outlet

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- for 1gang socket outlet, cat.3, cat.5e and cat.6_A iso
- with 45° oblique outlet
- labelling field latchable

SUITABLE FOR	ORDER NO.	PAGE
UAE socket outlets 1gang		page 148
Intermediate rings		page 370

DESIGN	ORDER NO.	PU
polar white glossy	**1468 09**	10



Centre plate for FCC socket outlet 2gang

- for 2gang socket outlet, cat.3, cat.5e and cat.6_A iso
- with 45° oblique outlet

SUITABLE FOR	ORDER NO.	PAGE
UAE socket outlets 2gang		page 150

DESIGN	ORDER NO.	PU
polar white glossy	**1409 70 09**	10
anthracite matt, lacquered	**1409 70 06**	10
Aluminium, aluminium anodised	**1409 70 03**	10
Stainless steel, metal matt finish	**1409 70 04**	10



Central plate for FCC socket outlet 2gang

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- for 2gang socket outlet, cat.3, cat.5e and cat.6_A iso
- with 45° oblique outlet
- labelling field latchable

SUITABLE FOR	ORDER NO.	PAGE
UAE socket outlets 2gang		page 150
Intermediate rings		page 370

DESIGN	ORDER NO.	PU
polar white glossy	**1469 09**	10



Centre plate with dust protection slider

- Labelling field

Labelling field height arranged for P-touch strips 6 mm.

- for supporting plates with coloured mounting device, 1gang, order no. 4540 .. and 454201, see COMMUNICATION/MULTIMEDIA TECHNOLOGY

DESIGN	ORDER NO.	PU
polar white glossy	**1170 70 09**	10
anthracite matt, lacquered	**1170 70 06**	10
aluminium matt, lacquered	**1170 70 03**	10
stainless steel matt, lacquered	**1170 70 04**	10



Centre plate with 2 dust protection sliders

- Labelling field

Labelling field height arranged for P-touch strips 6 mm.

- for supporting plates with coloured mounting devices, 2gang, order no. 4541 ..and 454202, see COMMUNICATION/MULTIMEDIA TECHNOLOGY

DESIGN	ORDER NO.	PU
polar white glossy	**1182 70 09**	10
anthracite matt, lacquered	**1182 70 06**	10
aluminium matt, lacquered	**1182 70 03**	10
stainless steel matt, lacquered	**1182 70 04**	10



Central plate for 3 MINI-COM modules

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for Mini-Com jacks cat.3, cat.5e, cat.6, cat.6 10Gig
- for Mini-Com fibre-optic modules
- for Mini-Com dummy modules 1gang
- labelling field latchable
- for Mini-Com 3.5 mm stereo connection/coupling modules
- for Mini-Com BNC connector modules
- for Mini-Com Cinch connection/coupling modules
- for Mini-Com D-Subminiature connectors 15pole
- for Mini-Com F-plug coupling modules
- for Mini-Com speaker wire/banana plug modules
- for Mini-Com HDMI™ module, double socket 1.3, type A
- for Mini-Com S-Video connection/coupling modules
- for Mini-Com USB modules, double socket type A, USB 2.0 compliant

SUITABLE FOR	ORDER NO.	PAGE
Multimedia modules		page 582
Intermediate rings		page 370

DESIGN	ORDER NO.	PU
polar white glossy	**1427 09**	10
anthracite matt	**1427 16 06**	10



Central plate for Reichle&De-Massari single modules

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6
- labelling field latchable

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 370

DESIGN	ORDER NO.	PU
polar white glossy	**1472 09**	10
anthracite matt	**1472 16 06**	10



Central plate for Reichle&De-Massari double module

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6
- labelling field latchable

SUITABLE FOR Intermediate rings — **ORDER NO.** — **PAGE** page 370

DESIGN	ORDER NO.	PU
polar white glossy	**1461 09**	10



Central plate 2gang for AMP jacks

Indexing dimension (W x H) ≈ 14.7 x 20.7 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for AMP fibre-optic couplings MT-RJ jacks
- for AMP modular jacks series 110 Connect cat.3, cat.5, cat.5e and cat.6
- labelling field latchable

SUITABLE FOR Intermediate rings — **ORDER NO.** — **PAGE** page 370

DESIGN	ORDER NO.	PU
polar white glossy	**1463 09**	10
anthracite matt	**1463 16 06**	10



Central plate 2gang for Krone jacks

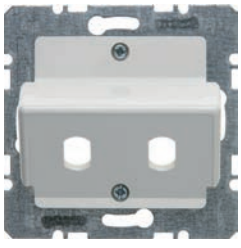
Indexing dimension (W x H) ≈ 14.7 x 19.4 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 3M fibre-optic couplings Volition
- for Krone fibre-optic couplings MT-RJ jacks
- for Krone modular jacks cat.5, cat.5e and cat.6

SUITABLE FOR Intermediate rings — **ORDER NO.** — **PAGE** page 370

DESIGN	ORDER NO.	PU
polar white glossy	**1464 09**	10
anthracite matt	**1464 16 06**	10



Central plate for fibre-optic couplings Simplex ST

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 2 fibre-optic couplings

SUITABLE FOR Intermediate rings — **ORDER NO.** — **PAGE** page 370

DESIGN	ORDER NO.	PU
polar white glossy, 2gang	**1492 09**	10



Central plate for fibre-optic couplings Duplex SC

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 1 or 2 fibre-optic couplings
- 1 knock out opening

SUITABLE FOR Intermediate rings — **ORDER NO.** — **PAGE** page 370

DESIGN	ORDER NO.	PU
polar white glossy	**1480 09**	10

Covers for aerial sockets



Centre plate for aerial socket 2-/3hole

■ with knock out SAT input

SUITABLE FOR	ORDER NO.	PAGE
Aerial sockets		page 162

DESIGN	ORDER NO.	PU
polar white glossy	**1201 70 19**	10
anthracite matt, lacquered	**1201 70 16**	10
Aluminium, aluminium anodised	**1201 70 13**	10
Stainless steel, metal matt finish	**1201 70 14**	10



Central plate for aerial socket 4hole (Ankaro)

Caution!
Use only with intermediate ring for central plate from the corresponding range.

■ with 2 additional SAT outputs (F-sockets)

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 370
Aerial socket 4hole single box	4594	165

DESIGN	ORDER NO.	PU
polar white glossy	**1484 09**	10
anthracite matt	**1484 16 06**	10
aluminium matt, lacquered	**1484 70 03**	10
stainless steel matt, lacquered	**1484 04**	10



Central plate for aerial socket 4hole (Hirschmann)

Caution!
Use only with intermediate ring for central plate from the corresponding range.

■ with 2 additional SAT outputs (F-sockets)

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 370

DESIGN	ORDER NO.	PU
polar white glossy	**1483 09**	10
anthracite matt	**1483 16 06**	10
aluminium matt, lacquered	**1483 70 03**	10
stainless steel matt, lacquered	**1483 04**	10



Central plate for broadband modem socket (Wisi)

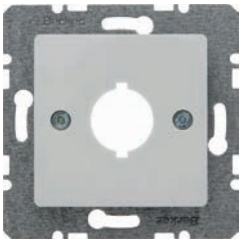
Caution!
Use only with intermediate ring for central plate from the corresponding range.

■ with additional multimedia output

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 370

DESIGN	ORDER NO.	PU
polar white glossy	# **1439 09**	10
anthracite matt	# **1439 16 06**	10

Central plates for signalling and command units



Central plate with installation opening Ø 18.8 mm

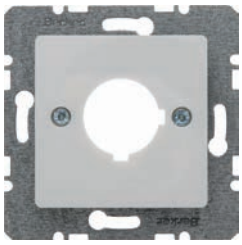
Screw spacing 36 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

■ labelling field latchable
■ with cut-out dia. 18.8 mm

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 370
optional		
Built-in socket for floating output	4604 ..	684

DESIGN	ORDER NO.	PU
polar white glossy	**1431 09**	10
anthracite matt	**1431 16 06**	10
aluminium matt, lacquered	**1431 70 03**	10
stainless steel matt, lacquered	**1431 04**	10



Central plate with installation opening Ø 22.5 mm

Screw spacing 36 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

Installation aperture according to IEC 60947-5-1

- labelling field latchable
- with cut-out dia. 22.5 mm

SUITABLE FOR — Intermediate rings
ORDER NO.
PAGE — page 370

DESIGN	ORDER NO.	PU
polar white glossy	**1432 09**	10
anthracite matt	**1432 16 06**	10
aluminium matt, lacquered	**1432 70 03**	10
stainless steel matt, lacquered	**1432 04**	10

Intermediate rings



Intermediate ring for central plate

- labelling field latchable

SUITABLE FOR — **optional**
Labelling field for intermediate ring
ORDER NO.
PAGE — page 370

DESIGN	ORDER NO.	PU
polar white glossy	**1108 70 09**	10
anthracite matt, lacquered	**1108 70 06**	10
aluminium matt, lacquered	**1108 70 03**	10
stainless steel matt, lacquered	**1108 70 04**	10



Labelling field for intermediate ring

Labelling field height arranged for P-touch strips 6 mm.

SUITABLE FOR — Intermediate ring for central plate
ORDER NO.
PAGE — page 370

DESIGN	ORDER NO.	PU
polar white glossy	**1905 00 69**	10
aluminium matt, lacquered	**1905 70 03**	10
stainless steel matt, lacquered	**1905 70 04**	10



Intermediate ring with hinged cover

Labelling field height arranged for P-touch strips 6 mm.

- when opening hinged cover, it can be arrested in end position
- with imprint
- for centre plate of third-party manufacturers with external dimension 50 x 50 mm

DESIGN	ORDER NO.	PU
polar white glossy	**1154 71 09**	10
anthracite matt, lacquered	**1154 71 06**	10
Aluminium aluminium anodised	**1154 71 03**	10
Stainless steel/metal matt finish	**1154 71 04**	10

Adapter rings for centre plates 50 x 50 mm



Adapter ring for centre plate 50 x 50 mm

Caution!
Not suitable for Berker central plates.

For centre plate according to DIN 49075

- for centre plate of third-party manufacturers with external dimension 50 x 50 mm

SUITABLE FOR — 50 x 50 mm centre plate for RCD protection switch
ORDER NO.
PAGE — page 343

DESIGN	ORDER NO.	PU
polar white glossy	**1108 71 09**	10
anthracite matt, lacquered	**1108 71 06**	10
aluminium matt, lacquered	**1108 71 03**	10
stainless steel matt, lacquered	**1108 71 04**	10

Covers Audio

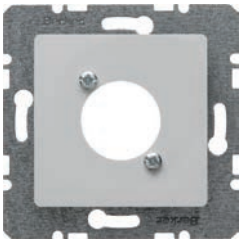


Centre plate for loudspeaker socket outlet

- 1 knock out opening

SUITABLE FOR	ORDER NO.	PAGE
Stereo loudspeaker socket outlet	4505 01	174
Loudspeaker socket outlet High End	4505 02	174
Entry for small connector	4505	175

DESIGN	ORDER NO.	PU
polar white glossy	**1184 70 09**	10
anthracite matt, lacquered	**1184 70 06**	10
Aluminium, aluminium anodised	**1184 70 03**	10
Stainless steel, metal matt finish	**1184 70 04**	10



Central plate for XLR D-series connector

Cut-out Ø 23.6 mm
Screw spacing (horizontal/vertical) 19/24 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- Labelling field latchable in matching intermediate ring
- speakon and jack connector

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 370

DESIGN	ORDER NO.	PU
polar white glossy	**1412 09**	10
anthracite matt	**1412 16 06**	10

Video socket outlets



VGA socket outlet

Frequency range video max. 160 MHz
Resolution max. 1280 x 1024 px

- with 15pole D-subminiature double jack
- with 15pole D-subminiature jack (front)
- S-VGA compatible

i 948

VGA

DESIGN	ORDER NO.	PU
with double jack		
polar white glossy	**33 1540 70 09**	10
anthracite matt, lacquered	**33 1540 70 06**	10
aluminium matt, lacquered	**33 1540 70 03**	10
stainless steel matt, lacquered	**33 1540 70 04**	10
back side, with screw-in lift terminals		
polar white glossy [1]	**33 1541 70 09**	10
anthracite matt, lacquered [1]	**33 1541 70 06**	10
aluminium matt, lacquered [1]	**33 1541 70 03**	10
stainless steel matt, lacquered [1]	**33 1541 70 04**	10

[1] for connection to a 15-core VGA cable, conductor cross-section (rigid) max. 1.5 mm²

Multimedia sockets



3 x Cinch/S-Video socket outlet

Frequency range audio 20 ... 20000 Hz
Frequency range video max. 160 MHz

- 1 cinch double jack for video connection (yellow)
- 2 cinch double jacks for audio connection (red, white)
- S-Video double jack
- gold-plated contacts

i 951

S-Video CINCH

DESIGN	ORDER NO.	PU
polar white glossy	**33 1532 70 09**	10
anthracite matt, lacquered	**33 1532 70 06**	10
aluminium matt, lacquered	**33 1532 70 03**	10
stainless steel matt, lacquered	**33 1532 70 04**	10



High definition socket outlet

Transmission rate	max. 8.16 Gbit/s
Resolution	max. 1920 x 1080 px

- with HDMI™ double jack type A, supports HDMI™ technology (V 1.3 with Deep Color)
- gold-plated contacts

i 951

DESIGN	ORDER NO.	PU
back side, with straight socket		
polar white glossy	**33 1542 70 09**	1
anthracite matt, lacquered	**33 1542 70 06**	1
aluminium matt, lacquered	**33 1542 70 03**	10
stainless steel matt, lacquered	**33 1542 70 04**	1
back side, with 90° angle socket		
polar white glossy	**33 1543 70 09**	10
anthracite matt, lacquered	**33 1543 70 06**	10
aluminium matt, lacquered	**33 1543 70 03**	10
stainless steel matt, lacquered	**33 1543 70 04**	10



USB/3.5 mm audio socket outlet

USB transmission rate	max. 480 Mbit/s
Frequency range audio	20 ... 20000 Hz

- double jack gold-plated 3.5 mm, stereo
- USB double jack type A, USB 2.0 capable

i 951

DESIGN	ORDER NO.	PU
polar white glossy	**33 1539 70 09**	10
anthracite matt, lacquered	**33 1539 70 06**	10
aluminium matt, lacquered	**33 1539 70 03**	10
stainless steel matt, lacquered	**33 1539 70 04**	10

Consumer electronics



Berker Radio Touch

- Loudspeaker

Operating voltage	230 V~
Frequency	50/60 Hz
Conductor cross-section (mains supply)	max. 2.5 mm²
Conductor cross-section (loudspeakers)	max. 1.5 mm²
Frequency range (radio reception)	87.5 ... 108 MHz
Dimensions of display (W x H)	35 x 28 mm
Insertion depth	33 mm

- stereo FM radio with RDS display
- operation via sensor areas of the touch display
- illuminated touch graphics display
- time and date display
- with one loudspeaker
- extension unit input for separate on/off switching
- external audio input, e.g. for MP3 player or docking station
- with 2 loudspeaker connections

SUITABLE FOR	ORDER NO.	PAGE
optional		
Docking station		page 373
Loudspeaker		page 373
Ceiling loudspeaker Ø 80 mm	2885 00 00	184
Ceiling loudspeaker Ø 140 mm	2885 00 01	184

DESIGN	ORDER NO.	PU
polar white glossy	**2880 70 09**	1
anthracite matt, lacquered	* **2880 70 06**	1
aluminium matt, lacquered	**2880 70 03**	1
stainless steel matt, lacquered	**2880 70 04**	1



Berker Radio Touch

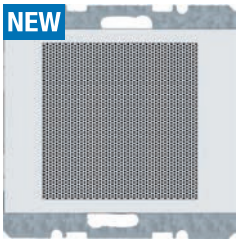
Operating voltage	230 V~
Frequency	50/60 Hz
Conductor cross-section (mains supply)	max. 2.5 mm²
Conductor cross-section (loudspeakers)	max. 1.5 mm²
Frequency range (radio reception)	87.5 ... 108 MHz
Dimensions of display (W x H)	35 x 28 mm
Insertion depth	33 mm

- illuminated touch graphics display
- time and date display
- operation via sensor areas of the touch display
- stereo FM radio with RDS display
- extension unit input for separate on/off switching
- external audio input, e.g. for MP3 player or docking station
- with 2 loudspeaker connections

At least one loudspeaker must be connected for operation.

SUITABLE FOR	ORDER NO.	PAGE
Ceiling loudspeaker Ø 80 mm	2885 00 00	184
Ceiling loudspeaker Ø 140 mm	2885 00 01	184
optional		
Docking station		page 373
Loudspeaker		page 373

DESIGN		ORDER NO.	PU
polar white glossy	*	**2884 70 09**	1
anthracite matt, lacquered	*	**2884 70 06**	1
aluminium matt, lacquered	*	**2884 70 03**	1
stainless steel matt, lacquered	*	**2884 70 04**	1



Loudspeaker

Impedance	4 Ω
Conductor cross-section (flexible)	0.5 mm²
Pre-assembled cable	≈ 25 cm
Insertion depth	35 mm

- confectioned, with 2-core, double-insulated, flexible cable

SUITABLE FOR	ORDER NO.	PAGE
Berker Radio Touch		page 372
Docking station		page 373

DESIGN		ORDER NO.	PU
polar white glossy		**2882 70 09**	1
anthracite matt, lacquered	*	**2882 70 06**	1
aluminium matt, lacquered		**2882 70 03**	1
stainless steel matt, lacquered		**2882 70 04**	1



Docking station

Operating voltage	230 V~
Frequency	50/60 Hz
Output voltage	max. 3.5 V
Number of loudspeakers (4 Ω)	1
Number of loudspeakers (8 Ω)	2
Number of loudspeakers (20 Ω)	5
Insertion depth	36 mm

- with 30-pole plug connector for iPhone* up to version 4S and iPod* Touch with the same interface
- buttons for volume control
- AUX input mini stereo jack for audio source (line or headphones output), e.g. MP3 player
- stereo Line-Out for connection to the radio touch

Appropriate adapters must be used for iPhones* from Version 5 and higher.

* iPod and iPhone are registered trademarks of Apple Inc.

SUITABLE FOR	ORDER NO.	PAGE
Berker Radio Touch		page 372
Loudspeaker		page 373
Ceiling loudspeaker Ø 140 mm	2885 00 01	184
Ceiling loudspeaker Ø 80 mm	2885 00 00	184

DESIGN		ORDER NO.	PU
polar white glossy	#	**2883 70 09**	1
aluminium matt, lacquered	#	**2883 70 03**	1
stainless steel matt, lacquered	#	**2883 70 04**	1

COVERS FOR PILOT LAMPS

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.



Centre plate for push-button/pilot lamp E10

Cut-out Ø 27.2 mm

- centre plate for plug-in fixing

SUITABLE FOR	ORDER NO.	PAGE
Covers and push-buttons		page 69
LED lamp E10		page 68
Neon lamp E10		page 68
Push-button/pilot lamp E10, NO contact	5101 ..	60

DESIGN	ORDER NO.	PU
polar white glossy	**1165 70 09**	10
anthracite matt, lacquered	**1165 70 06**	10
aluminium matt, lacquered	**1165 70 03**	10
stainless steel matt, lacquered	**1165 70 04**	10



Centre plate for pilot lamp E14

SUITABLE FOR	ORDER NO.	PAGE
Covers and push-buttons		page 69
LED lamp E14		page 68
Incandescent lamp E14		page 68
Pilot lamp E14	5131 02	61
optional		
Sealing set for socket outlets/centre plates		page 375

DESIGN	ORDER NO.	PU
polar white glossy	**1167 70 09**	10
anthracite matt, lacquered	**1167 70 06**	10
aluminium matt, lacquered	**1167 70 03**	10
stainless steel matt, lacquered	**1167 70 04**	10

Cover for LED orientation/signal light

- with printed label sheets “Bitte warten/Bitte eintreten” and “Do not disturb/make up room”
- with milky foil, for individual labelling

SUITABLE FOR	ORDER NO.	PAGE
LED signal light	2952	62
LED orientation light	2951	62

DESIGN	ORDER NO.	PU
polar white glossy	**1248 70 09**	1
anthracite matt, lacquered	**1248 70 06**	1
aluminium matt, lacquered	**1248 70 03**	1
stainless steel matt, lacquered	**1248 70 04**	1



Cover for info pilot lamp

Current consumption 25 mA
Power, LED 800 mW
Service life of the LED ≈ 25000 h

Printed labels supplied: “Nicht eintreten”, “Besetzt”, “Bitte eintreten”, “Bitte Ruhe”, “Bitte warten”.

- with clear cover plate
- with 4 light intensive LEDs
- very long LED lifetime

SUITABLE FOR	ORDER NO.	PAGE
Cover plate for info pilot lamp	1289 ..	69
Info pilot lamp	2949	63

DESIGN	ORDER NO.	PU
polar white glossy	**1345 70 09**	1
anthracite matt, lacquered	**1345 70 06**	1
aluminium matt, lacquered	**1345 70 03**	1
stainless steel matt, lacquered	**1345 70 04**	1

SUPPLEMENTARY PRODUCTS



Blind plug with centre plate

- on supporting plate without cut-out

SUITABLE FOR	ORDER NO.	PAGE
optional		
Sealing set for socket outlets/centre plates		page 375

DESIGN	ORDER NO.	PU
without spreader claws		
polar white glossy	**1045 70 09**	20
anthracite matt, lacquered	**1045 70 06**	20
Aluminium, aluminium anodised	**1045 70 03**	20
Stainless steel, metal matt finish	**1045 70 04**	20
with base and spreader claws		
polar white glossy	**67 1045 70 09**	10
anthracite matt, lacquered	**67 1045 70 06**	10
Aluminium, aluminium anodised	**67 1045 70 03**	10
Stainless steel, metal matt finish	**67 1045 70 04**	10



Blind plug with centre plate, screw-on

- on supporting plate with large cut-out
- with cover plug for screw fitting
- without spreader claws
- space-saving for relays, etc.
- for customised cut-outs or holes when installing special solutions

SUITABLE FOR	ORDER NO.	PAGE
optional		
Sealing set for socket outlets/centre plates		page 375

DESIGN	ORDER NO.	PU
polar white glossy	**1045 71 09**	20
anthracite matt, lacquered	**1045 71 06**	20



Centre plate for cable outlet

SUITABLE FOR	ORDER NO.	PAGE
Cable outlet with low installation depth	4468	167
Cable outlet	4470	167

DESIGN	ORDER NO.	PU
polar white glossy	**1005 70 09**	10
anthracite matt, lacquered	**1005 70 06**	10
aluminium matt, lacquered	**1005 70 03**	10
stainless steel matt, lacquered	**1005 70 04**	10

Sealings IP44

- For installation information on sealing sets, see FLUSH-MOUNTED WET ROOM INSTALLATION.



Sealing set for socket outlets/centre plates

SUITABLE FOR	ORDER NO.	PAGE
Centre plates for rotary dimmers		page 354
Centre plates for rotary switches for blinds		page 358
Centre plates for air conditioner/fan controllers		page 365
Blind plug with centre plate		page 375
FRAMES		page 384
Centre plate for pilot lamp E14	1167 7 ..	62
SCHUKO socket outlet with hinged cover	4751 7 ..	339
SCHUKO socket outlet with hinged cover	4752 7 ..	340

DESIGN	ORDER NO.	PU
transparent	**1010 72 00**	1



Sealing set for switches/push-buttons

- also for KNX applications: push-button, 1gang, and group push-button, 1gang
- with IP44 fixing piece to screw on

SUITABLE FOR	ORDER NO.	PAGE
Rockers		page 347
Rockers for multi-pole rocker switches		page 349
Rockers - barrier-free construction		page 377
FRAMES		page 384
Rocker with imprinted arrows symbol	1405 71 ..	784
Rocker with imprint “Heizung Notschalter”	1488 71 15	141

DESIGN	ORDER NO.	PU
transparent	**1010 71 00**	1



Sealing set for key switch/key push-button

SUITABLE FOR	ORDER NO.	PAGE
FRAMES		page 384
Centre plate for key push-button for blinds/key switch	1504 71 ..	115
Centre plate for key switch/key push-button	1505 70 ..	33

DESIGN	ORDER NO.	PU
transparent	**1010 70 00**	1

HOTEL APPLICATIONS

Centre plates for hotel card switches



Centre plate with imprint for push-button for hotel card

- Red lens

- for push-button for hotel card

SUITABLE FOR	ORDER NO.	PAGE
Push-button for hotel card		page 73

Card width max. 54 mm

Other imprint on request!

DESIGN	ORDER NO.	PU
polar white glossy	**1641 71 09**	10
anthracite matt, lacquered	**1641 71 06**	10
aluminium matt, lacquered	**1641 71 03**	10
stainless steel matt, lacquered	**1641 71 04**	10

BARRIER-FREE CONSTRUCTION

The following rockers are conformant with DIN 18024-2 and DIN 18025-1 and -2.

SCHUKO socket outlets



SCHUKO socket outlet with hinged cover for barrier-free construction

- Tactile symbol
- enhanced contact protection

- when opening hinged cover, it can be arrested in end position
- for barrier-free construction
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

i 882

Connection terminals according to IEC 60884-1
Barrier-free building based on DIN 18025

DESIGN	ORDER NO.	PU
polar white glossy	**4786 71 09**	10

Rockers - barrier-free construction

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.



Rocker for barrier-free construction

- Guide for mouth rod
- Lens

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Barrier-free building based on DIN 18025

- for illumination and monitoring circuit
- for change-over/intermediate switch
- for rocker push-buttons
- also for KNX applications: push-button, 1gang, and group push-button, 1gang
- for barrier-free construction

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons		page 376

DESIGN	ORDER NO.	PU
polar white glossy	**1661 71 09**	10



Rocker for barrier-free construction

- Tactile light symbol
- Red lens

Not suitable for rocker push-button switches.

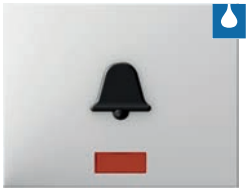
The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Barrier-free building based on DIN 18025

- for illumination and monitoring circuit
- for change-over/intermediate switch
- for rocker push-buttons
- also for KNX applications: push-button, 1gang, and group push-button, 1gang
- for barrier-free construction

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons		page 376

DESIGN	ORDER NO.	PU
polar white glossy	**1651 71 09**	10



Rocker for barrier-free construction

- Tactile bell symbol
- Red lens

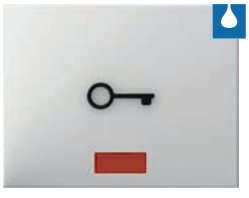
The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Barrier-free building based on DIN 18025

- for illuminated rocker push-buttons
- also for KNX applications: push-button, 1gang
- for barrier-free construction

SUITABLE FOR	ORDER NO.	PAGE
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons		page 376

DESIGN	ORDER NO.	PU
polar white glossy	**1651 72 09**	10



Rocker for barrier-free construction

- Tactile symbol for door opener
- Red lens

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Barrier-free building based on DIN 18025

- for illuminated rocker push-buttons
- also for KNX applications: push-button, 1gang
- for barrier-free construction

SUITABLE FOR	ORDER NO.	PAGE
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons		page 376

DESIGN	ORDER NO.	PU
polar white glossy	**1651 73 09**	10

HOSPITAL INSTALLATION

Emergency system

- For installation in standard wall boxes according to DIN 49073-1



Emergency call set with frame

Operating voltage 24 V=
Operating temperature -5 ... +40 °C

Set consisting of:
- Pullcord with frame, order no. 5202..
- Pilot lamp with frame, order no. 5203..
- Shut-off push-button with frame, order no. 5201..
- Power supply with frame, order no. 5204..

The emergency call set is used to call for help in public or disabled WCs, doctors' surgeries and old people's homes. It corresponds to the safety requirements according to DIN VDE 0834

- acoustic and visual signalling of an emergency call using pilot lamp after the pullcord push-button has been actuated
- switch-off of emergency call using shut-off push-button at emergency location
- power supply via power supply unit with 24 V AC
- acoustic call tone switchable on pilot lamp
- call tone can be set as continuous signal or as pulses
- centre plates for plug-in fixing
- monitoring of devices triggering calls for wire break
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Cancellation/presence button with frame	5205 70 09	378
Call button with frame	5206 70 09	378
Pull button with frame	5202 70 09	378
Light signal with frame	5203 70 09	379
Cancellation button with frame	5201 70 09	379
Mains adapter with frame	5204 70 09	379

DESIGN	ORDER NO.	PU
polar white glossy	**5200 70 09**	1



Call button with frame

Operating voltage 24 V=
Operating temperature -5 ... +40 °C

Additional call push-button to, for example, provide a control section in a second room or an additional location to trigger an emergency call.

- as expansion for the emergency call set
- with quiet lamp
- with red call button with lens
- centre plate for plug-in fixing
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Emergency call set with frame	5200 70 09	378

DESIGN	ORDER NO.	PU
polar white glossy	**5206 70 09**	1



Cancellation/presence button with frame

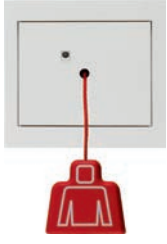
Operating voltage 24 V=
Operating temperature -5 ... +40 °C
Cable length to light signal max. 500 m

Office unit, in order to, for example, indicate an emergency call in an office or a headquarters.

- as expansion for the emergency call set
- with yellow shut-off button
- with green presence button
- with visual and acoustic alarm encoder
- centre plate for plug-in fixing
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Emergency call set with frame	5200 70 09	378

DESIGN	ORDER NO.	PU
polar white glossy	**5205 70 09**	1



Pull button with frame

Operating voltage 24 V=
Operating temperature -5 ... +40 °C

To trigger an emergency call in emergency situations.

- with quiet lamp
- centre plate for plug-in fixing
- for wall and ceiling mounting
- with pullcord and knob
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Emergency call set with frame	5200 70 09	378

DESIGN	ORDER NO.	PU
polar white glossy	**5202 70 09**	1



Cancellation button with frame

Operating voltage	24 V=
Operating temperature	-5 ... +40 °C

To switch off the alarm signal (pilot lamp) on arrival at the emergency location.

- with green shut-off button
- centre plate for plug-in fixing
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Emergency call set with frame	5200 70 09	378

DESIGN	ORDER NO.	PU
polar white glossy	**5201 70 09**	1



Light signal with frame

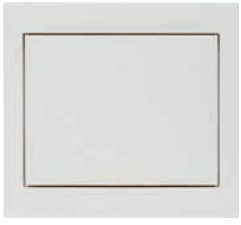
Operating voltage	24 V=
Operating temperature	-5 ... +40 °C

For visual and acoustic alarms in emergency situations.
Caution:
Always install the device in a clearly visible location.
Recommendation: use deep box.

- with 4 red LEDs
- acoustic call tone switchable on pilot lamp
- call tone can be set as continuous signal or as pulses
- with potential-free relay contact for call tone forwarding, e.g. to telephone dialler
- call tone received on voltage failure and return
- centre plate for plug-in fixing
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Emergency call set with frame	5200 70 09	378

DESIGN	ORDER NO.	PU
polar white glossy	**5203 70 09**	1



Mains adapter with frame

Operating voltage	24 V
Frequency	50 … 60 Hz
Input voltage	100 ... 240 V~
Input current	max. 180 mA
Output current	max. 250 mA
Operating temperature	-5 ... +40 °C

For the power supply of the emergency call system components with 24 V DC.
Recommendation: use deep box.

- centre plate for plug-in fixing
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Emergency call set with frame	5200 70 09	378

DESIGN	ORDER NO.	PU
polar white glossy	**5204 70 09**	1

Central plates for hospital installation



Central plate for socket outlet for equipotential bonding

Caution!
Use only with intermediate ring for central plate from the corresponding range.
For double pole socket outlet for floating output according to DIN 42801

- with imprint

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 370
Socket outlet for floating output	1061	684

DESIGN	ORDER NO.	PU
polar white glossy	**1403 09**	10
anthracite matt	**1403 16 06**	10



Central plate for 6pole socket outlet

Caution!
Use only with intermediate ring for central plate from the corresponding range.

SUITABLE FOR — **ORDER NO.** — **PAGE**
Intermediate rings — page 370

MANUFACTURER: PRODUCT LINE — **ART. NO.**
Nurse call systems
Ackermann: clino opt 90 / clino phon 95 — 71008C
clino opt 99 — 71008C3
6pole socket outlets
Hirschmann: Medu 600 GSK

DESIGN	ORDER NO.	PU
polar white glossy	**1474 09**	10
anthracite matt	**1474 16 06**	10
stainless steel matt, lacquered	**1474 04**	10

Centre plates for Ackermann inserts



Centre plate for nurse call system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE — **ART. NO.**
Nurse call systems
Ackermann: clino opt 90, 99 / clino phon 95 — 72642C, 72639A, 71197A, 72642B

DESIGN	ORDER NO.	PU
polar white glossy	**1204 70 09**	10



Centre plate with plug-in opening for nurse call systems

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE — **ART. NO.**
Nurse call systems
Ackermann: clino opt 99 — 73070A

DESIGN	ORDER NO.	PU
polar white glossy	**1298 70 09**	10



Centre plate for dropping plug-and-socket connector

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- a-coded for dropping plug-and-socket connector

MANUFACTURER: PRODUCT LINE — **ART. NO.**
Nurse call systems
Ackermann: clino opt 99 — 74189A

DESIGN	ORDER NO.	PU
polar white glossy	**1305 70 09**	10



Centre plate with 2 plug-in openings and imprint, for call unit

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call unit with 2 diagnostic plug-in contacts
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE — **ART. NO.**
Nurse call systems
Ackermann: clino opt 99 — 73075C, 73020G, 73021G, 73075D

DESIGN	ORDER NO.	PU
polar white glossy	**1244 71 09**	10



Centre plate with plug-in opening, red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button and monitored auxiliary plug-in contact
- for call push-button with plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73071E 73071E2 73075A 73073E

DESIGN	ORDER NO.	PU
polar white glossy	**1217 70 09**	10



Centre plate with 2 plug-in openings, imprint and red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint
- for call module with call push-button and plug-in contacts
- for call push-button with diagnostic and auxiliary plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73071D 73071D2 73075B 73073D

DESIGN	ORDER NO.	PU
polar white glossy	**1218 71 09**	10



Centre plate with red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button
- button with lens and imprint
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73071F 73071F2 73073F

DESIGN	ORDER NO.	PU
polar white glossy	**1216 70 09**	10



Centre plate with red button at bottom

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button
- button with lens and imprint
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73022A 73022A2

DESIGN	ORDER NO.	PU
polar white glossy	**1219 70 09**	10



Centre plate with green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- button with lens
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73642C

DESIGN	ORDER NO.	PU
polar white glossy	**1251 70 09**	10



Centre plate with yellow button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- button with lens
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73642D

DESIGN	ORDER NO.	PU
polar white glossy	**1252 70 09**	10



Centre plate with blue button and imprint

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint
- for call push-button
- button with lens
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73022A 73022A2

DESIGN	ORDER NO.	PU
polar white glossy	**1223 71 09**	10



Centre plate with red + green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button and shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73642B2

DESIGN	ORDER NO.	PU
polar white glossy	**1249 70 09**	10



Centre plate with green + yellow button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73642E

DESIGN	ORDER NO.	PU
polar white glossy	**1253 70 09**	10



Centre plate with white + green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint “SU-AUS WARTEN”
- buttons with lens
- centre plate for plug-in fixing
- for office unit

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73642B

DESIGN	ORDER NO.	PU
polar white glossy	**1299 71 09**	10



Centre plate for pneumatic call switch

- Lens

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	70006A 70006B
clino opt 99	70006C

DESIGN	ORDER NO.	PU
polar white glossy	**1236 70 09**	10



Centre plate for pullcord push-button

- Lens

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for pullcord push-button with pullcord and knob
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	70045A3 70046A3 70046A

DESIGN	ORDER NO.	PU
polar white glossy	**1233 70 09**	10



Centre plate with imprinted symbol curve for small sound system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- for earpiece and volume control

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	73120C 73120H

DESIGN	ORDER NO.	PU
polar white glossy	**1300 71 09**	10



Centre plate with imprint “0 - 1 - 2 - 3 - 4 - 5” for small sound system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	73120A

DESIGN	ORDER NO.	PU
polar white glossy	**1301 71 09**	10

FRAMES

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



Frame

- for vertical and horizontal mounting

SUITABLE FOR optional	ORDER NO.	PAGE
Sealings IP44		page 375

i 954

DESIGN	ORDER NO.	PU
polar white glossy, 1gang	**1313 70 09**	10
polar white glossy, 2gang vertical	**1323 70 09**	2
polar white glossy, 3gang vertical	**1333 70 09**	2
polar white glossy, 4gang vertical	**1343 70 09**	2
polar white glossy, 5gang vertical	**1353 70 09**	2
polar white glossy, 2gang horizontal	**1363 70 09**	2
polar white glossy, 3gang horizontal	**1373 70 09**	2
polar white glossy, 4gang horizontal	**1383 70 09**	2
polar white glossy, 5gang horizontal	**1393 70 09**	2



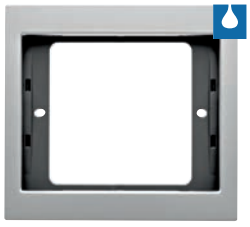
Frame

- for vertical and horizontal mounting

SUITABLE FOR optional	ORDER NO.	PAGE
Sealings IP44		page 375

i 954

DESIGN	ORDER NO.	PU
anthracite matt, lacquered, 1gang	**1313 70 06**	10
anthracite matt, lacquered, 2gang vertical	**1323 70 06**	10
anthracite matt, lacquered, 3gang vertical	**1333 70 06**	2
anthracite matt, lacquered, 4gang vertical	**1343 70 06**	2
anthracite matt, lacquered, 5gang vertical	**1353 70 06**	2
anthracite matt, lacquered, 2gang horizontal	**1363 70 06**	10
anthracite matt, lacquered, 3gang horizontal	**1373 70 06**	2
anthracite matt, lacquered, 4gang horizontal	**1383 70 06**	2
anthracite matt, lacquered, 5gang horizontal	**1393 70 06**	2



Frame

- for vertical and horizontal mounting

SUITABLE FOR optional	ORDER NO.	PAGE
Sealings IP44		page 375

i 954

DESIGN	ORDER NO.	PU
Aluminium, aluminium anodised, 1gang	**1313 70 03**	10
Aluminium, aluminium anodised, 2gang vertical	**1323 70 03**	2
Aluminium, aluminium anodised, 3gang vertical	**1333 70 03**	2
Aluminium, aluminium anodised, 4gang vertical	**1343 70 03**	2
Aluminium, aluminium anodised, 5gang vertical	**1353 70 03**	2
Aluminium, aluminium anodised, 2gang horizontal	**1363 70 03**	2
Aluminium, aluminium anodised, 3gang horizontal	**1373 70 03**	2
Aluminium, aluminium anodised, 4gang horizontal	**1383 70 03**	2
Aluminium, aluminium anodised, 5gang horizontal	**1393 70 03**	2



Frame

■ for vertical and horizontal mounting

SUITABLE FOR	ORDER NO.	PAGE
optional		
Sealings IP44		page 375

i 954

DESIGN	ORDER NO.	PU
Stainless steel, metal matt finish, 1gang	**1313 70 04**	10
Stainless steel, metal matt finish, 2gang vertical	**1323 70 04**	2
Stainless steel, metal matt finish, 3gang vertical	**1333 70 04**	2
Stainless steel, metal matt finish, 4gang vertical	**1343 70 04**	2
Stainless steel, metal matt finish, 5gang vertical	**1353 70 04**	2
Stainless steel, metal matt finish, 2gang horizontal	**1363 70 04**	2
Stainless steel, metal matt finish, 3gang horizontal	**1373 70 04**	2
Stainless steel, metal matt finish, 4gang horizontal	**1383 70 04**	2
Stainless steel, metal matt finish, 5gang horizontal	**1393 70 04**	2

Frames with large cut-out



Frame with large cut-out

Not suitable for surface-mounted housing.

■ for vertical mounting

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 70	694
Push-button 4gang comfort	7516 47 70	765
Push-button 4gang for light scenes	7516 88 70	767
Push-button 3gang with thermostat	7566 37 70	768
Push-button 5gang with thermostat	7566 57 70	768

i 954

DESIGN	ORDER NO.	PU
polar white glossy	**1309 70 09**	1



Frame with large cut-out

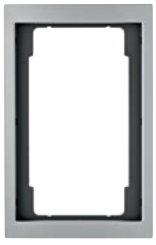
Not suitable for surface-mounted housing.

■ for vertical mounting

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 75	694
Push-button 4gang comfort	7516 47 75	765
Push-button 4gang for light scenes	7516 88 75	767
Push-button 3gang with thermostat	7566 37 75	768
Push-button 5gang with thermostat	7566 57 75	768

i 954

DESIGN	ORDER NO.	PU
anthracite matt, lacquered	**1309 70 06**	1



Frame with large cut-out

Not suitable for surface-mounted housing.

■ for vertical mounting

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 74	694
Push-button 4gang comfort	7516 47 74	765
Push-button 4gang for light scenes	7516 88 74	767
Push-button 3gang with thermostat	7566 37 74	768
Push-button 5gang with thermostat	7566 57 74	768

i 954

DESIGN	ORDER NO.	PU
Aluminium, aluminium anodised	**1309 70 03**	1



Frame with large cut-out

Not suitable for surface-mounted housing.

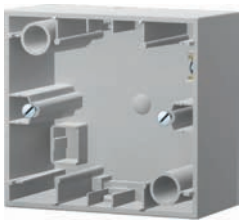
- for vertical mounting

SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7516 43 73	694
Push-button 4gang comfort	7516 47 73	765
Push-button 4gang for light scenes	7516 88 73	767
Push-button 3gang with thermostat	7566 37 73	768
Push-button 5gang with thermostat	7566 57 73	768

i 954

DESIGN	ORDER NO.	PU
Stainless steel, metal matt finish	**1309 70 04**	1

SURFACE-MOUNTED HOUSINGS



Housing surface-mounted

Insertion depth 36 mm

Flush-mounted devices can be used with the surface-mounted housings for surface-mounted installation.

- entry at top and bottom possible
- with cable and duct entry
- for mounting on combustible base surface

SUITABLE FOR	ORDER NO.	PAGE
optional		
Entries/connectors		page 676

DESIGN	ORDER NO.	PU
polar white glossy, 1gang	**1041 70 09**	10
polar white glossy, 2gang vertical	**1042 70 09**	5
polar white glossy, 3gang vertical	**1043 70 09**	5
polar white glossy, 2gang horizontal	**1052 70 09**	5
polar white glossy, 3gang horizontal	**1053 70 09**	5
anthracite matt, lacquered, 1gang	**1041 70 06**	10
anthracite matt, lacquered, 2gang vertical	**1042 70 06**	5
anthracite matt, lacquered, 3gang vertical	**1043 70 06**	5
anthracite matt, lacquered, 2gang horizontal	**1052 70 06**	5
anthracite matt, lacquered, 3gang horizontal	**1053 70 06**	5
aluminium matt, lacquered, 1gang	**1041 70 03**	10
aluminium matt, lacquered, 2gang vertical	**1042 70 03**	5
aluminium matt, lacquered, 3gang vertical	**1043 70 03**	5
aluminium matt, lacquered, 2gang horizontal	**1052 70 03**	5
aluminium matt, lacquered, 3gang horizontal	**1053 70 03**	5
stainless steel matt, lacquered, 1gang	**1041 70 04**	10
stainless steel matt, lacquered, 2gang vertical	**1042 70 04**	5
stainless steel matt, lacquered, 3gang vertical	**1043 70 04**	5
stainless steel matt, lacquered, 2gang horizontal	**1052 70 04**	5
stainless steel matt, lacquered, 3gang horizontal	**1053 70 04**	5



Berker

SCHUKO SOCKET OUTLETS	392-398
FLUSH-MOUNTED SAFETY DEVICES	398
INTERNATIONAL SOCKET OUTLET SYSTEMS	399-402
COVERS FOR SWITCHES/PUSH-BUTTONS	403-406
TIMERS	406-407
COVERS FOR DIMMERS	408
BLC - BERKER LIGHT CONTROL	408-410
COVERS FOR BLIND SWITCHES/ PUSH-BUTTONS	410-412
ROLLOTEC	412-415
HVAC CONTROLLERS AND COVERS	415-418
COMMUNICATION/MULTIMEDIA TECHNOLOGY	419-428
COVERS FOR PILOT LAMPS	428-429
SUPPLEMENTARY PRODUCTS	429-430
HOTEL APPLICATIONS	431
HOSPITAL INSTALLATION	431-437
FRAMES	437-439
SURFACE MOUNTED FRAMES	439-440
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SCHUKO SOCKET OUTLETS	441
INTERNATIONAL SOCKET OUTLET SYSTEMS	441
COVERS FOR SWITCHES/PUSH-BUTTONS	442
COVERS FOR BLIND SWITCHES/PUSH-BUTTONS	442
FRAMES	442

Each property is different. Each interior is individual. And the switch concept should be just as unique.
Thanks to its wide range of available materials and surfaces, Berker Arsys can fit into almost any ambience.
And still remains true to itself.

- Easy hygienic cleaning of the surface
- Very flat, elegant design through perfectly-matched radii of frames, rocker switch edges and the rocker switch surface
- Available surfaces: white, polar white, brown, gold metal, metal light bronze, stainless steel

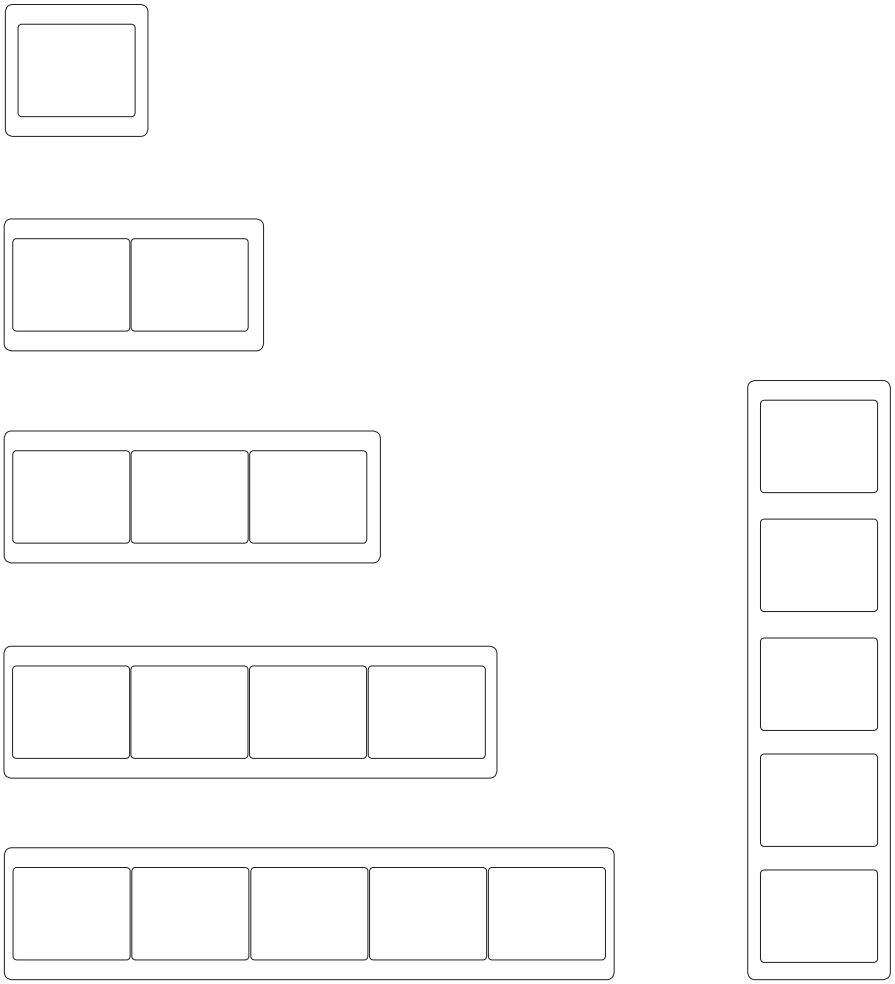


Marked items are suitable for installation of splash-protected flush-mounted IP 44 when used in conjunction with corresponding sealing set.

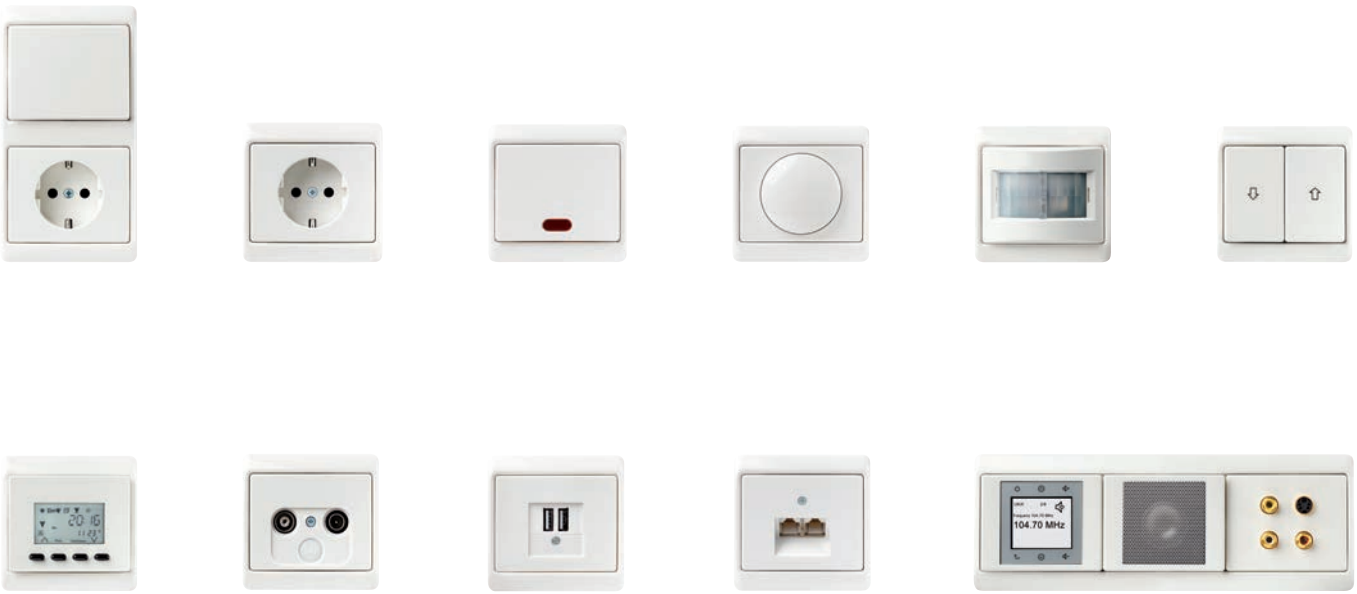
Frame, 1gang
W 80.5 mm x H 80.5 mm, 1gang

Frame, 2 to 5gang, horizontal
W 151.5 mm x H 80.5 mm, 2gang
W 222.5 mm x H 80.5 mm, 3gang
W 293.5 mm x H 80.5 mm, 4gang
W 364.5 mm x H 80.5 mm, 5gang

Frames 2 to 5gang, vertical
H 151.5 mm x W 80.5 mm, 2gang
H 222.5 mm x W 80.5 mm, 3gang
H 293.5 mm x W 80.5 mm, 4gang
H 364.5 mm x W 80.5 mm, 5gang



PRODUCT EXAMPLES





FRAMES / COVERS / CENTRAL INSERTS

Plastic, glossy

White	similar to RAL 1013
Polar white	similar to RAL 9010
Brown	similar to RAL 8011
Red	similar to RAL 3003
Green	similar to RAL 6029
Orange	similar to RAL 2003
Yellow	similar to RAL 1004

Metal, matt finish
Aluminium light bronze lacquered
Aluminium gold anodised
Stainless steel

Copper, metal alloy

Individual articles, which, for technical reasons, cannot be coated are lacquered.



SCHUKO SOCKET OUTLETS

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1



SCHUKO socket outlet

Rated voltage 250 V~
Rated current 16 A

- with plug-in terminals

i 882

DESIGN	ORDER NO.	PU
white glossy	**4715 00 02**	10
polar white glossy	**4715 00 69**	10
brown glossy	**4715 00 01**	10
light bronze matt, aluminium lacquered	**4714 00 01**	10
Stainless steel, metal matt finish	**4714 00 04**	10
gold matt, aluminium anodised	**4714 00 02**	10



SCHUKO socket outlet
- enhanced contact protection

- with plug-in terminals

i 882

Rated voltage 250 V~
Rated current 16 A

DESIGN	ORDER NO.	PU
white glossy	**4735 00 02**	10
polar white glossy	**4735 00 69**	10
brown glossy	**4735 00 01**	10
light bronze matt, aluminium lacquered	**4734 00 01**	10
Stainless steel, metal matt finish	**4734 00 04**	10
gold matt, aluminium anodised	**4734 00 02**	10



SCHUKO socket outlet
- Screw-in lift terminals

- with screw-in lift terminals

i 882

Rated voltage 250 V~
Rated current 16 A

DESIGN	ORDER NO.	PU
white glossy	**4115 00 02**	10
polar white glossy	**4115 00 69**	10
brown glossy	**4115 00 01**	10
light bronze matt, aluminium lacquered	**4114 00 01**	10
Stainless steel, metal matt finish	**4114 00 04**	10



SCHUKO socket outlet

- enhanced contact protection
- Screw-in lift terminals

- with screw-in lift terminals

i 882

Rated voltage 250 V~
Rated current 16 A

DESIGN	ORDER NO.	PU
brown glossy	**4135 00 01**	10
white glossy	**4135 00 02**	10
polar white glossy	**4135 00 69**	10
light bronze matt, aluminium lacquered	**4134 00 01**	10
Stainless steel, metal matt finish	**4134 00 04**	10
gold matt, aluminium anodised	**4134 00 02**	10



SCHUKO socket outlet 45°

Rated voltage 250 V~
Rated current 16 A

- for diagonal installation
- with plug-in terminals

Specially suited to combinations of several socket outlets if right angle plugs are used.

i 882

DESIGN	ORDER NO.	PU
white glossy	**4728 00 02**	10
polar white glossy	**4728 00 69**	10
brown glossy	**4728 00 01**	10



SCHUKO socket outlet

- Labelling field

- with plug-in terminals

i 882

Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
white glossy	**4739 00 02**	10
polar white glossy	**4739 00 69**	10
brown glossy	**4739 00 01**	10
stainless steel matt, lacquered	**4739 90 04**	10



SCHUKO socket outlet

- Labelling field

- with plug-in terminals

i 882

Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
green glossy	**4739 00 63**	10



SCHUKO socket outlet

- **Labelling field**
- **enhanced contact protection**

- with plug-in terminals

i 882

Rated voltage	250 V~
Rated current	16 A

Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
white glossy	**4738 00 02**	10
polar white glossy	**4738 00 69**	10
brown glossy	**4738 00 01**	10



SCHUKO socket outlet

- **Labelling field**
- **enhanced contact protection**

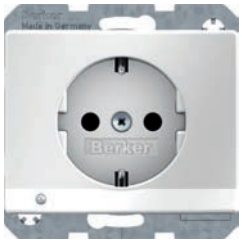
- with plug-in terminals

i 882

Rated voltage	250 V~
Rated current	16 A

Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
green glossy	**4738 00 63**	10



SCHUKO socket outlet with LED orientation light

- **enhanced contact protection**
- **Screw-in lift terminals**

- additional benefit by combination of a socket outlet with an orientation light
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- through-wiring possible, therefore also ideal for retrofitting
- long service life of the LED
- white LED light

i 882

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Power consumption	0,25 W/0,35 VA
Switch-off brightness	ca. 4 lx
Light intensity (white)	0.2 cd
Switch-on brightness	ca. 2 lx
Conductor cross-section (rigid)	max. 2.5 mm²

Caution!
Items with special flush-mounted insert.
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

DESIGN	ORDER NO.	PU
white glossy	**4109 00 02**	10
polar white glossy	**4109 00 69**	10
light bronze, lacquered	**4109 90 11**	10
stainless steel, lacquered	**4109 90 04**	10



SCHUKO socket outlet with control LED

- **Labelling field**
- **enhanced contact protection**
- **Screw-in lift terminals**

■ with screw-in lift terminals

i 882

Rated voltage	250 V~
Rated current	16 A

Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
white glossy	**4110 00 02**	10
polar white glossy	**4110 00 69**	10



Double SCHUKO socket outlet with frame

Rated voltage	250 V~
Rated current	16 A
Assembling height	22 mm

■ with plug-in terminals

i 882

For installation in 1gang wall boxes according to DIN 49073-1

DESIGN	ORDER NO.	PU
white glossy	**4753 00 02**	10
polar white glossy	**4753 00 69**	10
brown glossy	**4753 00 01**	10



Double SCHUKO socket outlet with frame

- **enhanced contact protection**

■ with plug-in terminals

i 882

Rated voltage	250 V~
Rated current	16 A
Assembling height	22 mm

For installation in 1gang wall boxes according to DIN 49073-1

DESIGN	ORDER NO.	PU
white glossy	**4729 00 02**	10
polar white glossy	**4729 00 69**	10
brown glossy	**4729 00 01**	10
light bronze matt, lacquered	**4729 90 11**	10
stainless steel matt, lacquered	**4729 90 04**	10

SCHUKO socket outlets with hinged cover



SCHUKO socket outlet with hinged cover

- **enhanced contact protection**
- **Installation position variable in 45° steps**

Rated voltage 250 V~
Rated current 16 A

Specially suited to combinations of several socket outlets if right angle plugs are used.

- when opening hinged cover, it can be arrested in end position
- with imprint
- with plug-in terminals

i 882

DESIGN	ORDER NO.	PU
white glossy	**4747 00 02**	10
polar white glossy	**4747 00 69**	10
brown glossy	**4747 00 01**	10
light bronze matt, aluminium lacquered	**4757 00 01**	10
Stainless steel, metal matt finish	**4757 00 04**	10
gold matt, aluminium anodised	**4757 00 02**	10



SCHUKO socket outlet with hinged cover

- **Labelling field**
- **enhanced contact protection**
- **Installation position variable in 45° steps**

Rated voltage 250 V~
Rated current 16 A

Specially suited to combinations of several socket outlets if right angle plugs are used.

Labelling field height designed for 6 mm P-touch strips.

- when opening hinged cover, it can be arrested in end position
- with imprint
- with plug-in terminals

i 882

DESIGN	ORDER NO.	PU
white glossy	**4748 00 02**	10
polar white glossy	**4748 00 69**	10
brown glossy	**4748 00 01**	10
light bronze matt, aluminium lacquered	**4758 00 01**	10
Stainless steel, metal matt finish	**4758 00 04**	10
gold matt, aluminium anodised	**4758 00 02**	10



SCHUKO socket outlet with hinged cover

Rated voltage 250 V~
Rated current 16 A

Degree of protection IP44 is provided only with sealing set order no. 1010 00.

- with imprint
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Sealing set for Arsys IP44 devices	1010 00	430

i 882

DESIGN	ORDER NO.	PU
Stainless steel, metal matt finish	**4758 10 04**	10



SCHUKO socket outlet with hinged cover
- enhanced contact protection

- with imprint
- with plug-in terminals

Rated voltage	250 V~
Rated current	16 A

SUITABLE FOR	ORDER NO.	PAGE
Sealing set for Arsys IP44 devices	1010 00	430

i 882

Degree of protection IP44 is provided only with sealing set order no. 1010 00.

DESIGN	ORDER NO.	PU
Stainless steel, metal matt finish	**4758 30 04**	10



SCHUKO socket outlet with hinged cover
- Labelling field

- with imprint
- with plug-in terminals

Rated voltage	250 V~
Rated current	16 A

SUITABLE FOR	ORDER NO.	PAGE
Sealing set for Arsys IP44 devices	1010 00	430

i 882

Labelling field height arranged for P-touch strips 6 mm.
Degree of protection IP44 is provided only with sealing set order no. 1010 00.

DESIGN	ORDER NO.	PU
Stainless steel, metal matt finish	**4758 20 04**	10

SCHUKO socket outlets for special applications



SCHUKO socket outlet

Rated voltage	250 V~
Rated current	16 A

- with plug-in terminals

i 882

Insert colour-coded.

DESIGN	ORDER NO.	PU
red glossy	**4715 00 62**	10



SCHUKO socket outlet with imprint

Rated voltage	250 V~
Rated current	16 A

- with plug-in terminals

i 882

Insert colour-coded.

Labelling field height designed for 6 mm P-touch strips.

DESIGN	ORDER NO.	PU
red glossy, Imprint “EDV”	**4715 00 82**	10
green glossy, Imprint “SV”	**4715 00 73**	10
orange glossy, Imprint “ZSV”	**4715 00 77**	10



SCHUKO socket outlet with control LED and imprint

- **Labelling field**
- **enhanced contact protection**
- **Screw-in lift terminals**

- with screw-in lift terminals

i 882

Rated voltage	250 V~
Rated current	16 A

Insert colour-coded.
Labelling field height arranged for P-touch strips 6 mm.
Execution SV, ZSV according to VDE 0100-710

DESIGN	ORDER NO.	PU
red glossy, Imprint “EDV”	**4110 00 82**	10
green glossy, Imprint “SV”	**4110 00 73**	10
orange glossy, Imprint “ZSV”	**4110 00 77**	10

FLUSH-MOUNTED SAFETY DEVICES

SCHUKO socket outlets with safety device



SCHUKO socket outlet with overvoltage protection

- **Labelling field**
- **Screw terminals**

- with imprint
- with indicator LED for “on/error”
- with acoustic fault signal

i 945

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Insertion depth	32 mm

Labelling field height arranged for P-touch strips 6 mm.
Connection terminals according to IEC 60884-1
Overvoltage protection according to EN 61643 and VDE 0675-6-11

DESIGN	ORDER NO.	PU
white glossy	**4152 00 02**	1
polar white glossy	**4152 00 69**	1
brown glossy	**4152 00 01**	1
stainless steel matt, lacquered	**4152 90 04**	1

Covers for protection switch



50 x 50 mm centre plate for RCD protection switch

Caution!
Use only with adapter ring for centre plate 50 x 50 mm from the corresponding range.

SUITABLE FOR	ORDER NO.	PAGE
Adapter ring for centre plate 50 x 50 mm		page 425
Residual current circuit-breaker	2844	865

DESIGN	ORDER NO.	PU
white glossy	**1493 02**	1
polar white glossy	**1493 09**	1
brown glossy	**1493 01**	1
light bronze matt, lacquered	**1493 11**	1
stainless steel matt, lacquered	**1493 04**	1

INTERNATIONAL SOCKET OUTLET SYSTEMS

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1

Socket outlets without earthing contact



Socket outlet without earthing contact

- Screw terminals

- without spreader claws
- 2pole
- with screw terminals

Rated voltage	250 V~
Rated current	16 A
Mirror depth	8 mm

i 882

DESIGN	ORDER NO.	PU
white glossy	**61 6115 00 02**	10
polar white glossy	**61 6115 00 69**	10
brown glossy	**61 6115 00 01**	10
light bronze matt, aluminium lacquered	**61 6114 00 01**	10
Stainless steel, metal matt finish	**61 6114 00 04**	10



Socket outlet without earthing contact EURO-AMERICAN STANDARD

- Screw terminals

- 2pole
- with screw terminals

Rated voltage	125 V~
Rated current	15 A

Only for Asia.

SUITABLE FOR	ORDER NO.	PAGE
Extension claw for attaching	1913 ..	685

i 882

DESIGN	ORDER NO.	PU
white glossy	**4170 00 02**	10
polar white glossy	**4170 00 69**	10
brown glossy	**4170 00 01**	10
light bronze matt, aluminium lacquered	**4174 00 01**	10
Stainless steel, metal matt finish	**4174 00 04**	10



Socket outlet without earthing contact

- enhanced contact protection
- Screw terminals

- without spreader claws
- 2pole
- with screw terminals

Rated voltage	250 V~
Rated current	16 A
Mirror depth	8 mm

i 882

DESIGN	ORDER NO.	PU
white glossy	**61 6115 01 02**	10
polar white glossy	**61 6115 01 69**	10
brown glossy	**61 6115 01 01**	10
light bronze matt, aluminium lacquered	**61 6114 01 01**	10
Stainless steel, metal matt finish	**61 6114 01 04**	10

Socket outlets with earthing pin



Socket outlet with earthing pin

- enhanced contact protection

- 2pole + earth
- with plug-in terminals

i 882

Rated voltage 250 V~
Rated current 16 A

DESIGN	ORDER NO.	PU
white glossy	**67 6875 00 02**	10
polar white glossy	**67 6875 00 69**	10
brown glossy	**67 6875 00 01**	1
light bronze matt, aluminium lacquered	**67 6874 00 01**	10
Stainless steel, metal matt finish	**67 6874 00 04**	10



Socket outlet with earthing pin

- enhanced contact protection
- Screw-in lift terminals

- 2pole + earth
- with screw-in lift terminals

i 882

Rated voltage 250 V~
Rated current 16 A

DESIGN	ORDER NO.	PU
white glossy	**67 6575 00 02**	10
polar white glossy	**67 6575 00 69**	10
brown glossy	**67 6575 00 01**	10
light bronze matt, aluminium lacquered	**67 6574 00 01**	10
Stainless steel, metal matt finish	**67 6574 00 04**	10



Socket outlet with earthing pin and LED orientation light

- enhanced contact protection
- Screw-in lift terminals

- additional benefit by combination of a socket outlet with an orientation light
- 2pole + earth
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- through-wiring possible, therefore also ideal for retrofitting
- long service life of the LED
- white LED light
- with screw-in lift terminals

i 882

Rated voltage 250 V~
Frequency 50/60 Hz
Rated current 16 A
Power consumption 0,25 W/0,35 VA
Switch-off brightness ca. 4 lx
Light intensity (white) 0.2 cd
Switch-on brightness ca. 2 lx
Conductor cross-section (rigid) max. 2.5 mm²

Caution!
Items with special flush-mounted insert.
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

DESIGN	ORDER NO.	PU
white glossy	**67 6510 00 02**	10
polar white glossy	**67 6510 00 69**	10
light bronze, lacquered	**67 6510 90 11**	10
stainless steel, lacquered	**67 6510 90 04**	10



Socket outlet with earth contact pin and monitoring LED

- enhanced contact protection
- Screw-in lift terminals

- 2pole + earth
- with screw-in lift terminals

i 882

Rated voltage 250 V~
Rated current 16 A

DESIGN	ORDER NO.	PU
white glossy	**67 6509 00 02**	10
polar white glossy	**67 6509 00 69**	10

Socket outlets with earthing pin for special applications



Socket outlet with earthing pin

- enhanced contact protection

- 2pole + earth
- with plug-in terminals

i 882

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

DESIGN	ORDER NO.	PU
red glossy	**67 6875 00 62**	10
green glossy	**67 6875 00 63**	10



Socket outlet with earthing pin

- enhanced contact protection
- Screw-in lift terminals

- 2pole + earth
- with screw-in lift terminals

i 882

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

DESIGN	ORDER NO.	PU
red glossy	**67 6575 00 62**	10
green glossy	**67 6575 00 63**	10



Socket outlet with earth contact pin and monitoring LED

- enhanced contact protection
- Screw-in lift terminals

- 2pole + earth
- with screw-in lift terminals

i 882

Rated voltage 250 V~
Rated current 16 A

DESIGN	ORDER NO.	PU
red glossy	**67 6509 00 82**	10
green glossy	**67 6509 00 73**	10
orange glossy	**67 6509 00 77**	10

BRITISH STANDARD socket outlets



NEW

Socket outlet insert with earthing contact BRITISH STANDARD, can be switched off

- enhanced contact protection
- Screw terminals

- without spreader claws
- 2pole + earth
- with screw terminals

Rated voltage	250 V~
Rated current	13 A

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for socket outlets, British Standard, can be switched off		page 402

DESIGN	ORDER NO.	PU
white glossy	* **5342 02 12**	10
polar white glossy	* **5342 02 19**	10
anthracite matt	* **5342 02 16**	10
brown glossy	* **5342 02 11**	10



NEW

Centre plate for socket outlets, British Standard, can be switched off

SUITABLE FOR	ORDER NO.	PAGE
Socket outlet insert with earthing contact BRITISH STANDARD, can be switched off		page 402

DESIGN	ORDER NO.	PU
white glossy	* **33 1307 00 02**	10
polar white glossy	* **33 1307 00 69**	10

NEMA-socket outlets



Socket outlet with earthing contact USA/ CANADA NEMA 5-15 R

- Screw terminals

- without spreader claws
- 2pole + earth
- with screw terminals

Rated voltage	125 V~
Rated current	15 A

i 882

Not UL-certified.
Standard NEMA 5-15 R

DESIGN	ORDER NO.	PU
white glossy	**4167 00 02**	10
polar white glossy	**4167 00 69**	10
light bronze matt, lacquered	**4167 90 11**	10
stainless steel matt, lacquered	**4167 90 04**	10



Socket outlet with earthing contact USA/ CANADA NEMA 5-20 R

- Screw terminals

- without spreader claws
- 2pole + earth
- with screw terminals

Rated voltage	125 V~
Rated current	20 A

i 882

Not UL-certified.
Standard NEMA 5-20 R

DESIGN	ORDER NO.	PU
white glossy	**4169 00 02**	10
polar white glossy	**4169 00 69**	10
light bronze matt, lacquered	**4169 90 11**	10
stainless steel matt, lacquered	**4169 90 04**	10

COVERS FOR SWITCHES/PUSH-BUTTONS

Rockers



Rocker

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20

DESIGN	ORDER NO.	PU
white glossy	**1405 00 02**	10
polar white glossy	**1405 00 69**	10
brown glossy	**1405 00 01**	10
light bronze matt, aluminium lacquered	**1404 00 01**	10
Stainless steel, metal matt finish	**1404 00 04**	10
gold matt, aluminium anodised	**1404 00 02**	10



Rocker screw-on

- with cover plug for screw fitting

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20

DESIGN	ORDER NO.	PU
Stainless steel, metal matt finish	**1404 00 10**	10



Rocker with imprint “IP44”

Not suitable for push-button (KNX) and group push-buttons (KNX).

Degree of protection IP44 is provided only with sealing set order no. 1010 00.

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20
Sealing set for Arsys IP44 devices	1010 00	430

DESIGN	ORDER NO.	PU
Stainless steel, metal matt finish	**1424 10 04**	10



Rocker

- Labelling field



For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20

DESIGN	ORDER NO.	PU
white glossy	**1426 00 02**	10
polar white glossy	**1426 00 69**	10
brown glossy	**1426 00 01**	10
light bronze matt, aluminium lacquered	**1436 00 01**	10
Stainless steel, metal matt finish	**1436 00 04**	10
gold matt, aluminium anodised	**1436 00 02**	10



Rocker with imprint “IP44”

- Labelling field



Not suitable for push-button (KNX) and group push-buttons (KNX).

Labelling field height designed for 6 mm P-touch strips.

Degree of protection IP44 is provided only with sealing set order no. 1010 00.

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20
Sealing set for Arsys IP44 devices	1010 00	430

DESIGN	ORDER NO.	PU
Stainless steel, metal matt finish	**1436 10 04**	10



Rocker

- Full-surface labelling field

For labelling with names, notes etc.

Labelling field height designed for two 24 mm P-touch strips.

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20

DESIGN	ORDER NO.	PU
clear, with white labelling field	**1487 00**	10



Rocker

- Lens

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20

DESIGN	ORDER NO.	PU
white glossy	**1415 00 02**	10
polar white glossy	**1415 00 69**	10
brown glossy	**1415 00 01**	10
light bronze matt, aluminium lacquered	**1416 00 01**	10
Stainless steel, metal matt finish	**1416 00 04**	10
gold matt, aluminium anodised	**1416 00 02**	10



Rocker screw-on

- Lens

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- for illumination and monitoring circuit
- with cover plug for screw fitting

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20

DESIGN	ORDER NO.	PU
Stainless steel, metal matt finish	**1414 00 10**	10



Rocker

- Labelling field
- Lens

For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20

DESIGN	ORDER NO.	PU
white glossy	**1415 02 02**	10
polar white glossy	**1415 02 69**	10
brown glossy	**1415 02 01**	10
light bronze matt, aluminium lacquered	**1416 02 01**	10
Stainless steel, metal matt finish	**1416 02 04**	10

Rockers for multi-pole rocker switches



Rocker with imprint “0”

SUITABLE FOR	ORDER NO.	PAGE
Multi-pole rocker switches		page 25

DESIGN	ORDER NO.	PU
white glossy	**1425 00 02**	10
polar white glossy	**1425 00 69**	10
brown glossy	**1425 00 01**	10
light bronze matt, aluminium lacquered	**1424 00 01**	10
Stainless steel, metal matt finish	**1424 00 04**	10
gold matt, aluminium anodised	**1424 00 02**	10



Rocker with imprint “0”

- Red lens

- for illumination and monitoring circuit
- also for KNX applications: group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Multi-pole rocker switches		page 25

DESIGN	ORDER NO.	PU
brown glossy	**1417 00 01**	10
white glossy	**1417 00 02**	10
polar white glossy	**1417 00 69**	10
light bronze matt, aluminium lacquered	**1418 00 01**	10
Stainless steel, metal matt finish	**1418 00 04**	10
gold matt, aluminium anodised	**1418 00 02**	10

Multiple Rockers



Rocker 2gang

- also for KNX applications: push-button, 2gang, and group push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches, 2gang		page 27
Series push-buttons		page 28

DESIGN	ORDER NO.	PU
white glossy	**1435 00 02**	10
polar white glossy	**1435 00 69**	10
brown glossy	**1435 00 01**	10
light bronze matt, aluminium lacquered	**1434 00 01**	10
Stainless steel, metal matt finish	**1434 00 04**	10
gold matt, aluminium anodised	**1434 00 02**	10



Rocker 2gang

- with cover plug for screw fitting

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches, 2gang		page 27
Series push-buttons		page 28

DESIGN	ORDER NO.	PU
Stainless steel, metal matt finish	**1434 00 10**	10



Rocker 2gang

- Red lens

- for illumination and monitoring circuit
- also for KNX applications: push-button, 2gang, and group push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches, 2gang		page 27
Series push-buttons		page 28

DESIGN	ORDER NO.	PU
white glossy	**1437 00 02**	10
polar white glossy	**1437 00 69**	10
brown glossy	**1437 00 01**	10



Rocker 3gang

	SUITABLE FOR	ORDER NO.	PAGE
	On/off switch 3gang	6330 23	30

DESIGN	ORDER NO.	PU
white glossy	**1465 00 02**	10
polar white glossy	**1465 00 69**	10
brown glossy	**1465 00 01**	10
light bronze matt, lacquered	**1465 90 11**	10
stainless steel matt, lacquered	**1465 90 04**	10

Centre plates for pullcord switches/pullcord push-buttons



Centre plate for pullcord switch/pullcord push-button

	SUITABLE FOR	ORDER NO.	PAGE
	Pullcord switches/pullcord push-buttons		page 31

DESIGN	ORDER NO.	PU
white glossy	**1147 00 02**	10
polar white glossy	**1147 00 69**	10
brown glossy	**1147 00 01**	10
light bronze matt, lacquered	**1147 90 11**	10
stainless steel matt, lacquered	**1147 90 04**	10

Centre plates for key switches/key push-buttons



Centre plate for key switch/key push-button

■ for master-key systems

	SUITABLE FOR	ORDER NO.	PAGE
	Key switches/key push-buttons		page 32
	Lock cylinder	1818 ..	72

DESIGN	ORDER NO.	PU
white glossy	**1505 00 12**	10
polar white glossy	**1505 00 79**	10
brown glossy	**1505 00 11**	10
light bronze matt, lacquered	**1505 90 21**	10
stainless steel matt, lacquered	**1505 90 14**	10

TIMERS

Centre plates for mechanical timer



Centre plate for mechanical timer

	SUITABLE FOR	ORDER NO.	PAGE
	Mechanical timer		page 33

DESIGN	ORDER NO.	PU
with time scale 15 min		
white glossy	**1634 00 02**	1
polar white glossy	**1634 00 69**	1
brown glossy	**1634 00 01**	1
light bronze matt, aluminium lacquered	**1634 01 01**	1
Stainless steel, metal matt finish	**1634 01 04**	1
gold/polar white, matt/glossy, aluminium anodised	**1634 01 02**	1
with time scale 120 min		
white glossy	**1635 00 02**	1
polar white glossy	**1635 00 69**	1
brown glossy	**1635 00 01**	1
light bronze matt, aluminium lacquered	**1635 01 01**	1
Stainless steel, metal matt finish	**1635 01 04**	1
gold/polar white, matt/glossy, aluminium anodised	**1635 01 02**	1





Timer comfort for sensors

- Display

14:23

- After charging, the timer can also be programmed when removed
- connected RolloTec brightness sensor can be used for twilight-controlled switching-on
- 2 independent programme memories for everyday/holidays
- astro programme for sunrise/sundown switching
- with preset basic programme
- with week and day programme

SUITABLE FOR	ORDER NO.	PAGE
Insert for timer	2948	35
optional		
RolloTec brightness sensor	169	125
RolloTec adapter for sensors	171	125
RolloTec brightness sensor surface-mounted	184	125

i 883



DESIGN	ORDER NO.	PU
white glossy	# **1738 00 02**	1
polar white glossy	# **1738 00 69**	1
brown glossy	# **1738 00 01**	1
light bronze matt, lacquered	# **1738 90 11**	1
stainless steel matt, lacquered	# **1738 90 04**	1



Timer comfort

- Display

14:23

- 2 independent programme memories for everyday/holidays
- astro programme for sunrise/sundown switching
- with preset basic programme
- with week and day programme

SUITABLE FOR	ORDER NO.	PAGE
Insert for timer	2948	35

i 883



DESIGN	ORDER NO.	PU
white glossy	# **1736 00 02**	1
polar white glossy	# **1736 00 69**	1
brown glossy	# **1736 00 01**	1
light bronze matt, lacquered	# **1736 90 11**	1
stainless steel matt, lacquered	# **1736 90 04**	1



Timer Easy

- Display

14:23

- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of switching times
- programmable for approx. 4 h after removing insert
- with quick programming mode

SUITABLE FOR	ORDER NO.	PAGE
Insert for timer	2948	35

i 883



DESIGN	ORDER NO.	PU
white glossy	# **1735 00 02**	1
polar white glossy	# **1735 00 69**	1
brown glossy	# **1735 00 01**	1
light bronze matt, lacquered	# **1735 90 11**	1
stainless steel matt, lacquered	# **1735 90 04**	1

COVERS FOR DIMMERS

Centre plates for rotary dimmers



Centre plate for rotary dimmer

- Setting knob

Axis dimension Ø 4 mm

SUITABLE FOR	ORDER NO.	PAGE
Rotary dimmers		page 38
Rotary potentiometers DALI		page 44
1-10 V Rotary potentiometers		page 45

DESIGN	ORDER NO.	PU
white glossy	**1135 00 02**	10
polar white glossy	**1135 00 69**	10
brown glossy	**1135 00 01**	10
light bronze matt, aluminium lacquered	**1134 00 01**	10
Stainless steel, metal matt finish	**1134 00 04**	10
gold matt, aluminium anodised	**1134 00 02**	10

Push-buttons



Button for universal series touch dimmer

SUITABLE FOR	ORDER NO.	PAGE
Universal series touch dimmer (R, L, C)	2901	56

i 887

DESIGN	ORDER NO.	PU
white glossy	**1765 00 02**	1
polar white glossy	**1765 00 69**	1
brown glossy	**1765 00 01**	1
light bronze matt, aluminium lacquered	**1765 00 11**	1
Stainless steel, metal matt finish	**1765 00 04**	1
gold matt, aluminium anodised	**1765 00 12**	1

BLC -BERKER LIGHT CONTROL

BLC push-buttons



BLC push-button

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 51
BLC dimmers		page 54
BLC insert for timer	2934 10	53
BLC extension unit	2907	55

i 889

DESIGN	ORDER NO.	PU
white glossy	**1761 00 02**	1
polar white glossy	**1761 00 69**	1
brown glossy	**1761 00 01**	1
light bronze matt, aluminium lacquered	**1761 00 11**	1
Stainless steel, metal matt finish	**1761 00 04**	1
gold matt, aluminium anodised	**1761 00 12**	1

BLC controller





BLC controller comfort 1.1 m

Detection angle	180 °
Delay time, adjustable	≈ 10 s ... 30 min

- with slide switch for OFF/automatic/ON
- with teach function for response brightness
- step operation with immunity time (e.g. for bell)
- with cover to limit detection angle to 90°

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 51
BLC dimmers		page 54
BLC insert for timer	2934 10	53
BLC extension unit for motion detector	2908	88

i 892



DESIGN	ORDER NO.	PU
Nominal mounting height 1.1 m		
white glossy	**1784 00 02**	1
polar white glossy	**1784 00 69**	1
light bronze matt, lacquered	**1784 90 11**	1
stainless steel matt, lacquered	**1784 90 04**	1
brown glossy	**1784 00 01**	1





BLC IR controller comfort 2.2 m with hand-held transmitter

Detection angle	180 °
Delay time, adjustable	≈ 10 s ... 60 min

Scope of delivery:
- BLC IR controller comfort 2.2 m
- hand-held transmitter for BLC IR controller

- with 2 buttons for permanent ON (LED green), permanent OFF (LED red) and automatic
- with detection and IR receiver LED red, and IR confirmation LED green
- with teach function for response brightness
- presence simulation via remote control: retrieval of the switching operations from the last 7 days
- hotel mode via remote control: without motion dimming to 20%
- short-time mode with immunity time (e.g. for bell) via remote control
- test mode via remote control: response sensitivity 100%, time delay 1 s and day mode

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 51
BLC dimmers		page 54
BLC insert for timer	2934 10	53
BLC extension unit for motion detector	2908	88
replacement		
Replacement hand-held transmitter for BLC IR controller	2770 ..	93

i 893



DESIGN	ORDER NO.	PU
Nominal mounting height 2.2 m		
white glossy	**1789 00 02**	1
polar white glossy	**1789 00 69**	1
light bronze matt, lacquered	**1789 90 11**	1
stainless steel matt, lacquered	**1789 00 04**	1



BLC controller

Detection angle	180 °
Delay time	≈ 2 min

SUITABLE FOR	ORDER NO.	PAGE
BLC switches		page 51
BLC dimmers		page 54
BLC insert for timer	2934 10	53
BLC extension unit for motion detector	2908	88

i 892





DESIGN	ORDER NO.	PU
Nominal mounting height 1.1 m		
white glossy [1]	**1783 00 02**	1
polar white glossy [1]	**1783 00 69**	1
brown glossy [1]	**1783 00 01**	1
light bronze matt, lacquered [1]	**1783 90 11**	1
stainless steel matt, lacquered [1]	**1783 90 04**	1
Nominal mounting height 2.2 m		
white glossy	**1788 00 02**	1
polar white glossy	**1788 00 69**	1
light bronze matt, lacquered	**1788 90 11**	1
stainless steel matt, lacquered	**1788 00 04**	1

[1] with cover to limit detection angle to 90°

COVERS FOR BLIND SWITCHES/PUSH-BUTTONS

Rockers with imprint



Rocker 2gang with imprinted arrow symbol

- also for KNX applications: push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Switches/ push-buttons for blinds		page 108
Push-button 2gang	7514 20 00	785

DESIGN	ORDER NO.	PU
white glossy	**1435 01 02**	10
polar white glossy	**1435 01 69**	10
brown glossy	**1435 01 01**	10
light bronze matt, aluminium lacquered	**1434 01 01**	10
Stainless steel, metal matt finish	**1434 01 04**	10
gold matt, aluminium anodised	**1434 01 02**	10



Rocker 2gang with imprinted arrows symbol

- also for KNX applications: group push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Group series push-button, 4 NO contacts, common input terminal	5034 04	28

DESIGN	ORDER NO.	PU
white glossy	**1435 03 02**	10
polar white glossy	**1435 03 69**	10
brown glossy	**1435 03 01**	10
light bronze matt, aluminium lacquered	**1434 03 01**	10
Stainless steel, metal matt finish	**1434 03 04**	10
gold matt, aluminium anodised	**1434 03 02**	10

Centre plates for rotary switches for blinds



Centre plate with rotary knob for rotary switch for blinds

- with imprint

SUITABLE FOR	ORDER NO.	PAGE
Rotary switches for blinds		page 110
optional		
Interlock disk for rotary switch for blinds	1861	111

DESIGN	ORDER NO.	PU
white glossy	**1077 00 02**	1
polar white glossy	**1077 00 69**	1
brown glossy	**1077 00 01**	1
light bronze matt, aluminium lacquered	**1077 01 01**	1
Stainless steel, metal matt finish	**1077 01 04**	1
gold/polar white, matt/glossy, aluminium anodised	**1077 01 02**	1

Centre plates for key switches/key push-buttons for blinds



Centre plate with lock and push lock function for switch for blinds

- Key can be removed in 0 position



- with imprint
- with 2 keys

SUITABLE FOR	ORDER NO.	PAGE
Switch for blinds 2pole for centre plate with lock	3852	111
Switch for blinds 1pole for centre plate with lock	3851	111

DESIGN	ORDER NO.	PU
white glossy	**1079 00 02**	1
polar white glossy	**1079 00 69**	1
brown glossy	**1079 00 01**	1
light bronze matt, aluminium lacquered	**1079 03 01**	1
Stainless steel, metal matt finish	**1079 03 04**	1
gold/polar white, matt/glossy, aluminium anodised	**1079 03 02**	1



Centre plate with lock and push lock function for switch for blinds

- Key can be removed in 3 positions



- with imprint
- with 2 keys

SUITABLE FOR	ORDER NO.	PAGE
Switch for blinds 2pole for centre plate with lock	3852	111
Switch for blinds 1pole for centre plate with lock	3851	111

DESIGN	ORDER NO.	PU
white glossy	**1079 01 02**	1
polar white glossy	**1079 01 69**	1
brown glossy	**1079 01 01**	1
light bronze matt, aluminium lacquered	**1079 04 01**	1
Stainless steel, metal matt finish	**1079 04 04**	1
gold/polar white, matt/glossy, aluminium anodised	**1079 04 02**	1



Centre plate with lock and touch function for switch for blinds

- Key can be removed in 0 position



- with imprint
- with 2 keys

SUITABLE FOR	ORDER NO.	PAGE
Switch for blinds 1pole for centre plate with lock	3851	111
Switch for blinds 2pole for centre plate with lock	3852	111

DESIGN	ORDER NO.	PU
white glossy	**1079 02 02**	1
polar white glossy	**1079 02 69**	1
brown glossy	**1079 02 01**	1
light bronze matt, aluminium lacquered	**1079 05 01**	1
Stainless steel, metal matt finish	**1079 05 04**	1
gold/polar white, matt/glossy, aluminium anodised	**1079 05 02**	1



Centre plate for key push-button for blinds/key switch

- with imprint
- for master-key systems

SUITABLE FOR	ORDER NO.	PAGE
Switch for blinds 2pole for lock cylinder	3822 10	113
Push-button for blinds 1pole for lock cylinder	3831 10	114
Push-button for blinds 2pole for lock cylinder	3832 10	114
Lock cylinder	1818 ..	72

DESIGN	ORDER NO.	PU
white glossy	**1504 00 12**	10
polar white glossy	**1504 00 79**	10
brown glossy	**1504 00 11**	10
light bronze matt, lacquered	**1504 90 21**	10
stainless steel matt, lacquered	**1504 90 14**	10

ROLLOTEC

RolloTec buttons



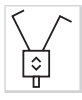
RolloTec button comfort for sensors

- only for sensor connection to terminal block

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 118
optional		
RolloTec glass breakage sensor	170	125
RolloTec adapter for sensors	171	125
RolloTec brightness sensor	169	125
Magnetic contact	9251 0 ..	126
RolloTec brightness sensor surface-mounted	184	125

i 912

DESIGN	ORDER NO.		PU
white glossy	**1771 00 12**	B04	1
polar white glossy	**1771 00 79**	B04	1
brown glossy	**1771 00 11**	B04	1
light bronze matt, aluminium lacquered	**1771 90 21**	B04	1
Stainless steel, metal matt finish	**1771 90 14**	B04	1
gold matt, aluminium anodised	**1771 90 12**	B04	1





RolloTec button comfort

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 118

i 912



DESIGN	ORDER NO.	PU
white glossy	**1770 00 12**	1
polar white glossy	**1770 00 79**	1
brown glossy	**1770 00 11**	1
light bronze matt, aluminium lacquered	**1770 90 21**	1
Stainless steel, metal matt finish	**1770 90 14**	1
gold matt, aluminium anodised	**1770 90 12**	1



RolloTec memory button for sensors

- only for sensor connection to terminal block

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 118
optional		
RolloTec glass breakage sensor	170	125
RolloTec adapter for sensors	171	125
RolloTec brightness sensor surface-mounted	184	125
Magnetic contact	9251 0 ..	126
RolloTec brightness sensor	169	125

i 912



DESIGN	ORDER NO.	PU
white glossy	**1757 00 12**	1
polar white glossy	**1757 00 79**	1
brown glossy	**1757 00 11**	1
light bronze matt, aluminium lacquered	**1757 90 21**	1
Stainless steel, metal matt finish	**1757 90 14**	1
gold matt, aluminium anodised	**1757 90 12**	1



RolloTec memory button

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 118

i 912



DESIGN	ORDER NO.	PU
white glossy	**1756 00 12**	1
polar white glossy	**1756 00 79**	1
brown glossy	**1756 00 11**	1
light bronze matt, aluminium lacquered	**1756 90 21**	1
Stainless steel, metal matt finish	**1756 90 14**	1
gold matt, aluminium anodised	**1756 90 12**	1

RolloTec time switches



RolloTec comfort time switch for sensors

- Display



- with surface-mounted RolloTec brightness sensor, shutter and lamella position additionally settable
- when a surface-mounted RolloTec brightness sensor is connected, twilight-controlled lowering possible
- RolloTec brightness sensor for sun blind movement up/down can be connected
- lamella position programmable at down operation times
- with automatic summer-/winter time switching (can be switched off)
- with a total of 3 independent programme memories
- 2 programme memories preset
- astro programme for sunrise/sundown switching
- programming according to week and days possible
- programme memory network failure proved

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 118
optional		
RolloTec brightness sensor	169	125
RolloTec glass breakage sensor	170	125
RolloTec adapter for sensors	171	125
RolloTec brightness sensor surface-mounted	184	125
Magnetic contact	9251 0 ..	126

i 916



DESIGN	ORDER NO.	PU
white glossy	**1775 00 02**	1
polar white glossy	**1775 00 69**	1
brown glossy	**1775 00 01**	1
light bronze matt, lacquered	**1775 90 11**	1
stainless steel matt, lacquered	**1775 90 04**	1



RolloTec comfort time switch

- Display



- lamella position programmable at down operation times
- with automatic summer-/winter time switching (can be switched off)
- with a total of 3 independent programme memories
- 2 programme memories preset
- astro programme for sunrise/sundown switching
- programming according to week and days possible
- programme memory network failure proved

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 118

i 916



DESIGN	ORDER NO.	PU
white glossy	**1774 00 02**	1
polar white glossy	**1774 00 69**	1
brown glossy	**1774 00 01**	1
light bronze matt, lacquered	**1774 90 11**	1
stainless steel matt, lacquered	**1774 90 04**	1



RolloTec easy time switch

- Display

- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of operation times
- with quick programming mode
- programming possible for up to 6 h after removing insert
- with preset basic programme

SUITABLE FOR	ORDER NO.	PAGE
RolloTec inserts		page 118

i 916

DESIGN	ORDER NO.	PU
white glossy	**1762 00 02**	1
polar white glossy	**1762 00 69**	1
brown glossy	**1762 00 01**	1
light bronze matt, lacquered	**1762 90 11**	1
stainless steel matt, lacquered	**1762 90 04**	1

HVAC CONTROLLERS AND COVERS

Thermostats



Thermostat, NO contact, with centre plate

- Time-controlled

Rated voltage	230 V~
Frequency	50 Hz
Power consumption	≈ 1.2 W
Lithium cell power reserve [years]	≈ 10

- for underfloor heating control using room and/or floor temperature possible
- for heating or cooling mode
- for room and floor heaters
- with self-teaching heating curve

SUITABLE FOR	ORDER NO.	PAGE
Valve drive 230 V	7590 00 76	139
optional		
Temperature sensor	161	145

i 910

DESIGN	ORDER NO.	PU
white glossy	**2044 00 02**	1
polar white glossy	**2044 00 69**	1
brown glossy	**2044 00 01**	1
light bronze, lacquered	**2044 90 11**	1
stainless steel matt, lacquered	**2044 90 04**	1



Thermostat, NO contact, with centre plate, for underfloor heating

- Rocker switch
- External temperature sensor

Rated voltage	250 V~
Frequency	50/60 Hz

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for thermostat for underfloor heating	1672 ..	137
Valve drive 230 V	7590 00 76	139
replacement		
Temperature sensor	161	145

i 909

DESIGN	ORDER NO.	PU
white glossy	**2034 00 02**	1
polar white glossy	**2034 00 69**	1
brown glossy	**2034 00 01**	1
light bronze matt, lacquered	**2034 90 11**	1
stainless steel matt, lacquered	**2034 90 04**	1



Temperature controller, change-over contact, with centre plate

Rated voltage 250 V~
Frequency 50/60 Hz

■ for heating or cooling mode

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for thermostat	1670 ..	138
Valve drive 230 V	7590 00 76	139

i 909

DESIGN	ORDER NO.	PU
white glossy	**2026 00 02**	1
polar white glossy	**2026 00 69**	1
brown glossy	**2026 00 01**	1
light bronze matt, lacquered	**2026 90 11**	1
stainless steel matt, lacquered	**2026 90 04**	1



Temperature controller, NC contact, with centre plate

- **Rocker switch**

Rated voltage 250 V~
Frequency 50/60 Hz

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for thermostat	1671 ..	138
Valve drive 230 V	7590 00 76	139

i 909

DESIGN	ORDER NO.	PU
white glossy	**2030 00 02**	1
polar white glossy	**2030 00 69**	1
brown glossy	**2030 00 01**	1
light bronze matt, lacquered	**2030 90 11**	1
stainless steel matt, lacquered	**2030 90 04**	1



Temperature controller, NC contact, with centre plate, 24 V AC/DC

- **Rocker switch**

Rated voltage 24 V~/24 V=
Frequency 50/60 Hz

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for thermostat	1671 ..	138
Valve drive 24 V AC/DC	7590 00 77	139

i 909

DESIGN	ORDER NO.	PU
white glossy	**2031 00 02**	1
polar white glossy	**2031 00 69**	1
brown glossy	**2031 00 01**	1
light bronze matt, lacquered	**2031 90 11**	1
stainless steel matt, lacquered	**2031 90 04**	1

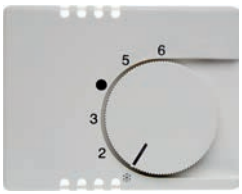


Centre plate for thermostat for underfloor heating

- **Rocker**
- **Setting knob**

SUITABLE FOR	ORDER NO.	PAGE
Thermostat, NO contact, with centre plate, for underfloor heating	2034 ..	134

DESIGN	ORDER NO.	PU
white glossy	**1672 00 02**	1
polar white glossy	**1672 00 69**	1
brown glossy	**1672 00 01**	1
light bronze matt, lacquered	**1672 90 11**	1
stainless steel matt, lacquered	**1672 90 04**	1



Centre plate for thermostat

- Setting knob

SUITABLE FOR	ORDER NO.	PAGE
Temperature controller, change-over contact, with centre plate	2026 ..	135

DESIGN	ORDER NO.	PU
white glossy	**1670 00 02**	1
polar white glossy	**1670 00 69**	1
brown glossy	**1670 00 01**	1
light bronze matt, lacquered	**1670 90 11**	1
stainless steel matt, lacquered	**1670 90 04**	1



Centre plate for thermostat

- Rocker
- Setting knob

SUITABLE FOR	ORDER NO.	PAGE
Temperature controller, NC contact, with centre plate	2030 ..	136
Temperature controller, NC contact, with centre plate, 24 V AC/DC	2031 ..	137

DESIGN	ORDER NO.	PU
white glossy	**1671 00 02**	1
polar white glossy	**1671 00 69**	1
brown glossy	**1671 00 01**	1
light bronze matt, lacquered	**1671 90 11**	1
stainless steel matt, lacquered	**1671 90 04**	1

Central plates for sensor inserts



Central plate for sensor insert

Caution!
Use only with intermediate ring for central plate from the corresponding range.
Labelling field cannot be used.

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 424
Sensor insert	7594 10 01	138

DESIGN	ORDER NO.	PU
white glossy	**7594 04 02**	1
polar white glossy	**7594 04 09**	1
light bronze matt, lacquered	**7594 04 04**	1
stainless steel matt, lacquered	**7594 04 03**	1

Rockers for heating emergency switches



Rocker with imprint “Heizung Notschalter”

- Red lens

Or use glass pane-protected heating emergency switch.

Not suitable for heating systems > 50 kW.

- for monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20

DESIGN	ORDER NO.	PU
red glossy	**1488 00 62**	10

Centre plates for emergency switches



Centre plate with glass plate

- Rocker

The cover can be replaced with the standard rocker on all rocker switches and rocker push-buttons in this range.

Housing screws made of stainless steel.

Adhesive label sheets, text white: “Notschalter”, “Rauch-abzug”, “Feuerschutztür schließen”, “Feuerabschluss schließen”, “Heizung”, “Lichtkuppel”, “Hausalarm” and “Öffnen”.

Not suitable for heating systems > 50 kW.

In case of danger break glass and press rocker!

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20

DESIGN	ORDER NO.	PU
red glossy	**1297 00 00**	10

Centre plates for air conditioner/fan controllers



Centre plate with rotary knob for 3-step switch

SUITABLE FOR	ORDER NO.	PAGE
3-step switch	3861 ..	142

DESIGN	ORDER NO.	PU
without 0-position, imprint 2-1-3		
white glossy	**1088 00 02**	1
polar white glossy	**1088 00 69**	1
brown glossy	**1088 00 01**	1
light bronze matt, aluminium lacquered	**1088 01 01**	1
Stainless steel, metal matt finish	**1088 01 04**	1
gold/polar white, matt/glossy, aluminium anodised	**1088 01 02**	1



DESIGN	ORDER NO.	PU
with 0-position, imprint 0-1-2-3		
white glossy	**1087 00 02**	1
polar white glossy	**1087 00 69**	1
brown glossy	**1087 00 01**	1
light bronze matt, aluminium lacquered	**1087 01 01**	1
Stainless steel, metal matt finish	**1087 01 04**	1
gold/polar white, matt/glossy, aluminium anodised	**1087 01 02**	1



Centre plate for speed controller

- Setting knob

- with imprinted symbol curve

SUITABLE FOR	ORDER NO.	PAGE
Speed controllers	2968 01	143

Axis dimension Ø 4 mm

DESIGN	ORDER NO.	PU
white glossy	**1135 00 22**	10
polar white glossy	**1135 00 89**	10
brown glossy	**1135 00 21**	10
light bronze matt, aluminium lacquered	**1134 00 21**	10
Stainless steel, metal matt finish	**1134 00 24**	10
gold matt, aluminium anodised	**1134 00 22**	10

COMMUNICATION/MULTIMEDIA TECHNOLOGY

- For information on suitable third-party manufacturer articles, see the chapter “Communication/multimedia technology”

Covers data communications / telecommunications

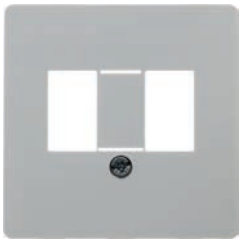


Centre plate with TAE cut-out

- also for KNX applications: USB data interface, flush-mounted

SUITABLE FOR	ORDER NO.	PAGE
		page
230 V USB charging socket outlet	2600 0 ..	172
Loudspeaker connection box	4572 ..	173
Stereo loudspeaker connection box	4573 ..	173
Modular UAE socket outlet 8/8pole unshielded, cat.6A iso	4584 ..	153
Modular UAE socket outlet 8/8pole shielded, cat.6A iso	4588	153

DESIGN	ORDER NO.	PU
white glossy	**1035 01 02**	10
polar white glossy	**1035 01 69**	10
brown glossy	**1035 01 01**	10
gold matt, aluminium anodised	**1034 00 02**	10
Stainless steel, metal matt finish	**1034 00 04**	10
light bronze matt, aluminium lacquered	**1034 00 01**	10



Central plate with TAE cut-out

- knock out



Caution!
Use only with intermediate ring for central plate from the corresponding range.

- also for KNX applications: USB data interface, flush-mounted
- 1 knock out opening
- labelling field latchable

SUITABLE FOR	ORDER NO.	PAGE
		page
Intermediate rings		page 424
230 V USB charging socket outlet	2600 0 ..	172
Loudspeaker connection box	4572 ..	173
Stereo loudspeaker connection box	4573 ..	173
Modular UAE socket outlet 8/8pole unshielded, cat.6A iso	4584 ..	153
Modular UAE socket outlet 8/8pole shielded, cat.6A iso	4588	153

DESIGN	ORDER NO.	PU
white glossy	**1458 02**	10
polar white glossy	**1458 09**	10
brown glossy	**1458 01**	10



Centre plate for FCC socket outlet

- for 1gang socket outlet, cat.3, cat.5e and cat.6_A iso
- with 45° oblique outlet

SUITABLE FOR	ORDER NO.	PAGE
UAE socket outlets 1gang		page 148

DESIGN	ORDER NO.	PU
white glossy	**1407 00 02**	10
polar white glossy	**1407 00 69**	10
brown glossy	**1407 00 01**	10
light bronze matt, aluminium lacquered	**1408 00 01**	10
Stainless steel, metal matt finish	**1408 00 04**	10
gold matt, aluminium anodised	**1408 00 02**	10



Central plate for FCC socket outlet

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- for 1gang socket outlet, cat.3, cat.5e and cat.6_A iso
- with 45° oblique outlet
- labelling field latchable

SUITABLE FOR	ORDER NO.	PAGE
UAE socket outlets 1gang		page 148
Intermediate rings		page 424

DESIGN	ORDER NO.	PU
white glossy	**1468 02**	10
polar white glossy	**1468 09**	10
brown glossy	**1468 01**	10



Centre plate for FCC socket outlet 2gang

- for 2gang socket outlet, cat.3, cat.5e and cat.6_A iso
- with 45° oblique outlet

SUITABLE FOR	ORDER NO.	PAGE
UAE socket outlets 2gang		page 150

DESIGN	ORDER NO.	PU
white glossy	**1409 00 02**	10
polar white glossy	**1409 00 69**	10
brown glossy	**1409 00 01**	10
light bronze matt, aluminium lacquered	**1410 00 01**	10
Stainless steel, metal matt finish	**1410 00 04**	10
gold matt, aluminium anodised	**1410 00 02**	10



Central plate for FCC socket outlet 2gang

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- for 2gang socket outlet, cat.3, cat.5e and cat.6_A iso
- with 45° oblique outlet
- labelling field latchable

SUITABLE FOR	ORDER NO.	PAGE
UAE socket outlets 2gang		page 150
Intermediate rings		page 424

DESIGN	ORDER NO.	PU
white glossy	**1469 02**	10
polar white glossy	**1469 09**	10
brown glossy	**1469 01**	10



Central plate for 3 MINI-COM modules

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for Mini-Com jacks cat.3, cat.5e, cat.6, cat.6 10Gig
- for Mini-Com fibre-optic modules
- labelling field latchable
- for Mini-Com dummy modules 1gang

SUITABLE FOR	ORDER NO.	PAGE
Multimedia modules		page 582
Intermediate rings		page 424

DESIGN	ORDER NO.	PU
white glossy	**1427 02**	10
polar white glossy	**1427 09**	10



Central plate for Reichle&De-Massari single modules

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6
- labelling field latchable

SUITABLE FOR Intermediate rings — **ORDER NO.** — **PAGE** page 424

DESIGN	ORDER NO.	PU
white glossy	**1472 02**	10
polar white glossy	**1472 09**	10



Central plate for Reichle&De-Massari double module

Caution!
Use only with intermediate ring for central plate from the corresponding range.

For 1gang modules, the 1port DIN connection box with straight outlet and centre plate 50 x 50 mm of makes IBM no. 51H8234 or Reichle + De Massari no. R 825857 can be used.

- with 30° oblique outlet
- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6
- labelling field latchable

SUITABLE FOR Intermediate rings — **ORDER NO.** — **PAGE** page 424

DESIGN	ORDER NO.	PU
white glossy	**1461 02**	10
polar white glossy	**1461 09**	10



Central plate 2gang for AMP jacks

Indexing dimension (W x H) ≈ 14.7 x 20.7 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for AMP fibre-optic couplings MT-RJ jacks
- for AMP modular jacks series 110 Connect cat.3, cat.5, cat.5e and cat.6
- labelling field latchable

SUITABLE FOR Intermediate rings — **ORDER NO.** — **PAGE** page 424

DESIGN	ORDER NO.	PU
white glossy	**1463 02**	10
polar white glossy	**1463 09**	10



Central plate 2gang for Krone jacks

Indexing dimension (W x H) ≈ 14.7 x 19.4 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 3M fibre-optic couplings Volition
- for Krone fibre-optic couplings MT-RJ jacks
- for Krone modular jacks cat.5, cat.5e and cat.6

SUITABLE FOR Intermediate rings — **ORDER NO.** — **PAGE** page 424

DESIGN	ORDER NO.	PU
white glossy	**1464 02**	10
polar white glossy	**1464 09**	10



Centre plate with 2 dust protection sliders

- Labelling field



Labelling field height arranged for P-touch strips 6 mm.

- for supporting plates with coloured mounting devices, 2gang, order no. 4541 ..and 454202 see COMMUNICATION/MULTIMEDIA TECHNOLOGY

DESIGN	ORDER NO.	PU
white glossy	**1182 00 02**	10
polar white glossy	**1182 00 69**	10
brown glossy	**1182 00 01**	10
light bronze matt, lacquered	**1182 90 11**	10
stainless steel matt, lacquered	**1182 90 04**	10



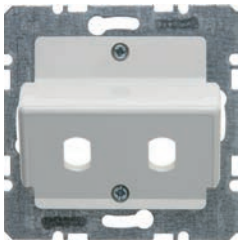
Centre plate for AMP-ACO

- Labelling field

Labelling field height arranged for P-touch strips 6 mm.

- cat.5, cat.6 and cat.7

DESIGN	ORDER NO.	PU
white glossy	**1177 00 02**	10
polar white glossy	**1177 00 69**	10
brown glossy	**1177 00 01**	10
light bronze matt, lacquered	**1177 90 11**	10
stainless steel matt, lacquered	**1177 90 04**	10



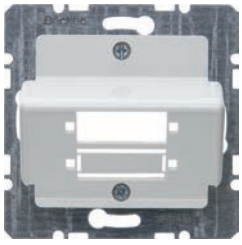
Central plate for fibre-optic couplings Simplex ST

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 2 fibre-optic couplings

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 424

DESIGN	ORDER NO.	PU
white glossy, 2gang	**1492 02**	10
polar white glossy, 2gang	**1492 09**	10



Central plate for fibre-optic couplings Duplex SC

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 1 or 2 fibre-optic couplings
- 1 knock out opening

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 424

DESIGN	ORDER NO.	PU
white glossy	**1480 02**	10
polar white glossy	**1480 09**	10

Covers for aerial sockets



Centre plate for aerial socket 2-/3hole

- with knock out SAT input

SUITABLE FOR	ORDER NO.	PAGE
Aerial sockets		page 162

DESIGN	ORDER NO.	PU
white glossy	**1201 01 12**	10
polar white glossy	**1201 01 79**	10
light bronze matt, aluminium lacquered	**1202 00 21**	10
brown glossy	**1201 01 11**	10
Stainless steel, metal matt finish	**1202 00 04**	10
gold matt, aluminium anodised	**1202 00 02**	10



Central plate for aerial socket 4hole (Ankaro)

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 2 additional SAT outputs (F-sockets)

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 424
Aerial socket 4hole single box	4594	165

DESIGN	ORDER NO.	PU
white glossy	**1484 02**	10
polar white glossy	**1484 09**	10
brown glossy	**1484 01**	10
light bronze matt, lacquered	**1484 11**	10
stainless steel matt, lacquered	**1484 04**	10



Central plate for aerial socket 4hole (Hirschmann)

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 2 additional SAT outputs (F-sockets)

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 424

DESIGN	ORDER NO.	PU
white glossy	**1483 02**	10
polar white glossy	**1483 09**	10
brown	**1483 01**	10
light bronze matt, lacquered	**1483 11**	10
stainless steel matt, lacquered	**1483 04**	10



Central plate for broadband modem socket (Wisi)

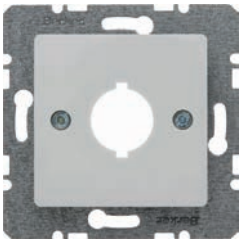
Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with additional multimedia output
- labelling field latchable

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 424

DESIGN	ORDER NO.	PU
white glossy	# **1439 02**	10
polar white glossy	# **1439 09**	10

Central plates for signalling and command units



Central plate with installation opening Ø 18.8 mm

Screw spacing 36 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with cut-out dia. 18.8 mm
- labelling field latchable

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 424
optional		
Built-in socket for floating output	4604 ..	684

DESIGN	ORDER NO.	PU
white glossy	**1431 02**	10
polar white glossy	**1431 09**	10
stainless steel matt, lacquered	**1431 04**	10



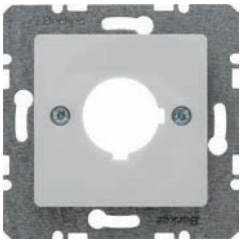
Centre plate with installation opening Ø 18.8 mm

Screw spacing 36 mm

- with cut-out dia. 18.8 mm

SUITABLE FOR	ORDER NO.	PAGE
optional		
Built-in socket for floating output	4604 ..	684

DESIGN	ORDER NO.	PU
light bronze matt, aluminium lacquered	**1070 01 01**	10
Stainless steel, metal matt finish	**1070 01 04**	10
gold matt, aluminium anodised	**1070 01 02**	10



Central plate with installation opening Ø 22.5 mm

Screw spacing 36 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with cut-out dia. 22.5 mm
- labelling field latchable

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 424

DESIGN	ORDER NO.	PU
white glossy	**1432 02**	10
polar white glossy	**1432 09**	10
stainless steel matt, lacquered	**1432 04**	10
yellow glossy	**1432 07**	10



Centre plate with installation opening Ø 22.5 mm

Screw spacing 36 mm

- with cut-out dia. 22.5 mm

DESIGN	ORDER NO.	PU
light bronze matt, aluminium lacquered	**1071 01 01**	10
Stainless steel, metal matt finish	**1071 01 04**	10
gold matt, aluminium anodised	**1071 01 02**	10

Intermediate rings



Intermediate ring for central plate

- labelling field latchable

SUITABLE FOR	ORDER NO.	PAGE
optional Labelling field for intermediate ring		page 424

DESIGN	ORDER NO.	PU
white glossy	**1108 00 02**	10
polar white glossy	**1108 00 69**	10
brown glossy	**1108 00 01**	10
light bronze matt, lacquered	**1108 90 11**	10
stainless steel matt, lacquered	**1108 90 04**	10



Labelling field for intermediate ring

Labelling field height arranged for P-touch strips 6 mm.

SUITABLE FOR	ORDER NO.	PAGE
Intermediate ring for central plate		page 424

DESIGN	ORDER NO.	PU
white glossy	**1905 00 02**	10
polar white glossy	**1905 00 69**	10
stainless steel matt, lacquered	**1905 70 04**	10



Intermediate ring flat, with hinged cover

The high hinged cover with opening is suitable as a cover with inserted plug for TAE and 45° UAE versions.

- with imprint
- for centre plate of third-party manufacturers with external dimension 50 x 50 mm

DESIGN	ORDER NO.	PU
white glossy	**1154 00 02**	10
polar white glossy	**1154 00 69**	10
brown glossy	**1154 00 01**	10
light bronze matt, aluminium lacquered	**1154 10 01**	10
Stainless steel, metal matt finish	**1154 10 04**	10
gold matt, aluminium anodised	**1154 10 02**	10



Intermediate ring with hinged cover flat

- Labelling field

- with imprint



Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
white glossy	**1155 00 02**	10
polar white glossy	**1155 00 69**	10
brown glossy	**1155 00 01**	10
light bronze matt, aluminium lacquered	**1155 10 01**	10
Stainless steel, metal matt finish	**1155 10 04**	10
gold matt, aluminium anodised	**1155 10 02**	10



Intermediate ring with hinged cover high

- Labelling field

Labelling field height arranged for P-touch strips 6 mm.

The high hinged cover with opening is suitable as a cover with inserted plug for TAE and 45° UAE versions.

- with imprint

DESIGN	ORDER NO.	PU
white glossy	**1155 01 02**	10
polar white glossy	**1155 01 69**	10
brown glossy	**1155 01 01**	10
light bronze matt, lacquered	**1155 91 11**	10
stainless steel matt, lacquered	**1155 91 04**	10

Adapter rings for centre plates 50 x 50 mm



Adapter ring for centre plate 50 x 50 mm

Caution!
Not suitable for Berker central plates.
For centre plate according to DIN 49075

- for centre plate of third-party manufacturers with external dimension 50 x 50 mm

SUITABLE FOR	ORDER NO.	PAGE
50 x 50 mm centre plate for RCD protection switch		page 398

DESIGN	ORDER NO.	PU
white glossy	**1108 01 02**	10
polar white glossy	**1108 01 69**	10
brown glossy	**1108 01 01**	10
light bronze matt, lacquered	**1108 91 11**	10
stainless steel matt, lacquered	**1108 91 04**	10

Covers Audio



Centre plate for loudspeaker socket outlet

- Labelling field

Labelling field height arranged for P-touch strips 6 mm.

- 1 knock out opening

SUITABLE FOR	ORDER NO.	PAGE
Stereo loudspeaker socket outlet	4505 01	174
Entry for small connector	4505	175
Loudspeaker socket outlet High End	4505 02	174

DESIGN	ORDER NO.	PU
white glossy	**1185 00 02**	10
polar white glossy	**1185 00 69**	10
brown glossy	**1185 00 01**	10



Centre plate for loudspeaker socket outlet

- 1 knock out opening

SUITABLE FOR	ORDER NO.	PAGE
Entry for small connector	4505	175
Stereo loudspeaker socket outlet	4505 01	174
Loudspeaker socket outlet High End	4505 02	174

DESIGN	ORDER NO.	PU
light bronze matt, aluminium lacquered	**1184 00 01**	10
Stainless steel, metal matt finish	**1184 00 04**	10
gold matt, aluminium anodised	**1184 00 02**	10



Central plate for XLR D-series connector

Cut-out Ø 23.6 mm
Screw spacing (horizontal/vertical) 19/24 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- speakon and jack connector
- Labelling field latchable in matching intermediate ring

SUITABLE FOR Intermediate rings — **ORDER NO.** — **PAGE** page 424

DESIGN	ORDER NO.	PU
white glossy	**1412 02**	10
polar white glossy	**1412 09**	10

Video socket outlets



VGA socket outlet

Frequency range video max. 160 MHz
Resolution max. 1280 x 1024 px

- with 15pole D-subminiature double jack
- S-VGA compatible
- with 15pole D-subminiature jack (front)

i 948

VGA

DESIGN	ORDER NO.	PU
with double jack		
white glossy	**33 1540 00 02**	10
polar white glossy	**33 1540 00 69**	10
light bronze matt, lacquered	**33 1540 90 11**	10
stainless steel matt, lacquered	**33 1540 90 04**	10
back side, with screw-in lift terminals		
white glossy [1]	**33 1541 00 02**	10
polar white glossy [1]	**33 1541 00 69**	10
light bronze matt, lacquered [1]	**33 1541 90 11**	10
stainless steel matt, lacquered [1]	**33 1541 90 04**	10

[1] for connection to a 15-core VGA cable, conductor cross-section (rigid) max. 1.5 mm²

Multimedia sockets



3 x Cinch/S-Video socket outlet

Frequency range audio 20 ... 20000 Hz
Frequency range video max. 160 MHz

- gold-plated contacts
- 1 cinch double jack for video connection (yellow)
- 2 cinch double jacks for audio connection (red, white)
- S-Video double jack

i 951

S-Video CINCH

DESIGN	ORDER NO.	PU
white glossy	**33 1532 00 02**	10
polar white glossy	**33 1532 00 69**	10
light bronze matt, lacquered	**33 1532 90 11**	10
stainless steel matt, lacquered	**33 1532 90 04**	10



High definition socket outlet

Transmission rate max. 8.16 Gbit/s
Resolution max. 1920 x 1080 px

- gold-plated contacts
- with HDMI™ double jack type A, supports HDMI™ technology (V 1.3 with Deep Color)

i 951

HDMI

DESIGN	ORDER NO.	PU
back side, with straight socket		
white glossy	**33 1542 00 02**	1
polar white glossy	**33 1542 00 69**	1
light bronze matt, lacquered	**33 1542 90 11**	1
stainless steel matt, lacquered	**33 1542 90 04**	1
back side, with 90° angle socket		
white glossy	**33 1543 00 02**	10
polar white glossy	**33 1543 00 69**	10
light bronze matt, lacquered	**33 1543 90 11**	10
stainless steel matt, lacquered	**33 1543 90 04**	10



USB/3.5 mm audio socket outlet

USB transmission rate	max. 480 Mbit/s
Frequency range audio	20 ... 20000 Hz

- double jack gold-plated 3.5 mm, stereo
- USB double jack type A, USB 2.0 capable

i 951

DESIGN	ORDER NO.	PU
white glossy	**33 1539 00 02**	10
polar white glossy	**33 1539 00 69**	10
light bronze matt, lacquered	**33 1539 90 11**	10
stainless steel matt, lacquered	**33 1539 90 04**	10

Consumer electronics



Berker Radio Touch

- Loudspeaker

Operating voltage	230 V~
Frequency	50/60 Hz
Frequency range	87.5 ... 108 MHz
Dimensions of display (W x H)	35 x 28 mm
Conductor cross-section	max. 2.5 mm²
Insertion depth	33 mm

- operation via sensor areas of the touch display
- extension unit input for separate on/off switching
- illuminated touch graphics display
- time and date display
- external audio input, e.g. for MP3 player or docking station
- stereo FM radio with RDS display
- with one loudspeaker
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Docking station		page 428
Loudspeaker		page 427
Ceiling loudspeaker Ø 80 mm	2885 00 00	184
Ceiling loudspeaker Ø 140 mm	2885 00 01	184

DESIGN	ORDER NO.	PU
polar white glossy	**2880 00 69**	1
stainless steel matt, lacquered	**2880 00 04**	1

NEW



Berker Radio Touch

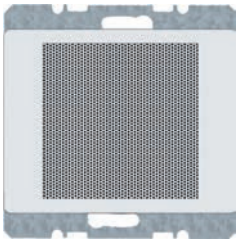
Operating voltage	230 V~
Frequency	50/60 Hz
Frequency range	87.5 ... 108 MHz
Dimensions of display (W x H)	35 x 28 mm
Conductor cross-section	max. 2.5 mm²
Conductor cross-section (flexible)	max. 1.5 mm²
Insertion depth	33 mm

- operation via sensor areas of the touch display
- extension unit input for separate on/off switching
- illuminated touch graphics display
- time and date display
- external audio input, e.g. for MP3 player or docking station
- stereo FM radio with RDS display
- with screw terminals

At least one loudspeaker must be connected for operation.

SUITABLE FOR	ORDER NO.	PAGE
Loudspeaker		page 427
Ceiling loudspeaker Ø 80 mm	2885 00 00	184
Ceiling loudspeaker Ø 140 mm	2885 00 01	184
optional		
Docking station		page 428

DESIGN	ORDER NO.	PU
polar white glossy	* **2884 00 69**	1
stainless steel matt, lacquered	* **2884 00 04**	1



Loudspeaker

Impedance	4 Ω
Conductor cross-section (flexible)	0.5 mm²
Insertion depth	35 mm
Pre-assembled cable	≈ 25 cm

- confectioned, with 2-core, double-insulated, flexible cable

SUITABLE FOR	ORDER NO.	PAGE
Berker Radio Touch		page 427
Docking station		page 428

DESIGN	ORDER NO.	PU
polar white glossy	**2882 00 69**	1
stainless steel matt, lacquered	**2882 00 04**	1



Docking station

Operating voltage	230 V~
Frequency	50/60 Hz
Output voltage	max. 3.5 V
Number of loudspeakers (4 Ω)	1
Number of loudspeakers (8 Ω)	2
Number of loudspeakers (20 Ω)	5
Insertion depth	36 mm

Appropriate adapters must be used for iPhones from Version 5 and higher.

* iPod and iPhone are registered trademarks of Apple Inc.

- buttons for volume control
- stereo Line-Out for connection to the radio touch
- AUX input mini stereo jack for audio source (line or headphones output), e.g. MP3 player
- with 30-pole plug connector for iPhone* up to version 4S and iPod* Touch with the same interface
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Berker Radio Touch		page 427
Loudspeaker		page 427
Ceiling loudspeaker Ø 140 mm	2885 00 01	184
Ceiling loudspeaker Ø 80 mm	2885 00 00	184

DESIGN	ORDER NO.	PU
polar white glossy	# **2883 00 69**	1
stainless steel matt, lacquered	# **2883 00 14**	1

COVERS FOR PILOT LAMPS



Centre plate for push-button/pilot lamp E10

Cut-out Ø 27.2 mm

- centre plate for plug-in fixing

SUITABLE FOR	ORDER NO.	PAGE
Covers and push-buttons		page 69
LED lamp E10		page 68
Neon lamp E10		page 68
Push-button/pilot lamp E10, NO contact	5101 ..	60

DESIGN	ORDER NO.	PU
light bronze matt, aluminium lacquered	**1165 01 01**	10
Stainless steel, metal matt finish	**1165 01 04**	10
gold matt, aluminium anodised	**1165 01 02**	10



Centre plate for push-button/pilot lamp E10 - Labelling field

Cut-out Ø 27.2 mm

- centre plate for plug-in fixing

SUITABLE FOR	ORDER NO.	PAGE
Covers and push-buttons		page 69
LED lamp E10		page 68
Neon lamp E10		page 68
Push-button/pilot lamp E10, NO contact	5101 ..	60

DESIGN	ORDER NO.	PU
white glossy	**1165 00 02**	10
polar white glossy	**1165 00 69**	10
brown glossy	**1165 00 01**	10



Centre plate for pilot lamp E14

SUITABLE FOR	ORDER NO.	PAGE
Pilot lamp E14	5131 02	61

DESIGN	ORDER NO.	PU
white glossy	**1167 00 02**	10
polar white glossy	**1167 00 69**	10
brown glossy	**1167 00 01**	10
stainless steel matt, lacquered	**1167 90 04**	10
light bronze matt, lacquered	**1167 90 11**	10



Cover for push-button/pilot lamp E10

The mirror image texts on the rear only become visible when the signal is illuminated.

With 10 labelling fields: “Bitte warten”, “Bitte eintreten”, “Nicht eintreten”, “Bitte Ruhe”, “Der Nächste bitte”, “Aufzug kommt”, symbol arrow, “Besetzt”, 2x neutral.

SUITABLE FOR	ORDER NO.	PAGE
Push-button/pilot lamp E10, NO contact	5101 ..	60

DESIGN	ORDER NO.	PU
clear	**1247 00 04**	10



Cover for info pilot lamp

Current consumption	25 mA
Power, LED	800 mW

Printed labels supplied: “Nicht eintreten”, “Besetzt”, “Bitte eintreten”, “Bitte Ruhe”, “Bitte warten”.

- with clear cover plate
- with 4 light intensive LEDs
- very long LED lifetime

SUITABLE FOR	ORDER NO.	PAGE
Cover plate for info pilot lamp	1289 ..	69
Info pilot lamp	2949	63

DESIGN	ORDER NO.	PU
white glossy	**1345 00 02**	1
polar white glossy	**1345 00 69**	1
brown glossy	**1345 00 01**	1
light bronze matt, lacquered	**1345 90 11**	1
stainless steel matt, lacquered	**1345 90 04**	1

SUPPLEMENTARY PRODUCTS



Blind plug with centre plate

- on supporting plate without cut-out

DESIGN	ORDER NO.	PU
without spreader claws		
white glossy	**1045 00 02**	20
polar white glossy	**1045 00 69**	20
brown glossy	**1045 00 01**	20
light bronze matt, aluminium lacquered	**1044 00 01**	20
Stainless steel, metal matt finish	**1044 00 04**	20
gold matt, aluminium anodised	**1044 00 02**	20
with base and spreader claws		
white glossy	**67 1045 00 02**	10
polar white glossy	**67 1045 00 69**	10
brown glossy	**67 1045 00 01**	10
light bronze matt, aluminium lacquered	**67 1044 00 01**	10
Stainless steel, metal matt finish	**67 1044 00 04**	10



Blind plug with centre plate, screw-on

- on supporting plate with large cut-out
- with cover plug for screw fitting
- without spreader claws
- for customised cut-outs or holes when installing special solutions
- space-saving for relays, etc.

DESIGN	ORDER NO.	PU
white glossy	**1045 01 02**	20
polar white glossy	**1045 01 69**	20
brown glossy	**1045 01 01**	20



Centre plate for cable outlet

SUITABLE FOR	ORDER NO.	PAGE
Cable outlet with low installation depth	4468	167
Cable outlet	4470	167

DESIGN	ORDER NO.	PU
white glossy	**1005 00 02**	10
polar white glossy	**1005 00 69**	10
brown glossy	**1005 00 01**	10
light bronze matt, lacquered	**1004 90 11**	10
stainless steel matt, lacquered	**1004 90 04**	10



Sealing set for Arsys IP44 devices

SUITABLE FOR	ORDER NO.	PAGE
SCHUKO socket outlet with hinged cover	4758 ..	396
Rocker with imprint “IP44”	1424 10 04	403
Rocker with imprint “IP44”	1436 10 04	403

DESIGN	ORDER NO.	PU
Sealing set for Arsys IP44 devices	**1010 00**	10



Sealing ring for wall-tight installation of flush-mounted devices

When disinfecting smooth walls, the rubber rings prevent detergent from penetrating the installation.

Caution!
Only suitable for Berker ARSYS frame in the appropriate design 1gang, 2gang or 3gang.

- for vertical and horizontal mounting

SUITABLE FOR	ORDER NO.	PAGE
FRAMES		page 437

DESIGN	ORDER NO.	PU
black, for 1gang frame	**1056 00**	10
black, for 2gang frame	**1057 00**	2
black, for 3gang frame	**1058 00**	2

Hinged covers



Hinged cover, flat

- Labelling field

- with imprint

To be used for push-buttons with hinged cover, for example.

Labelling field height designed for 6 mm P-touch strips.

For post-installation clipping into centre plates with labelling field.

DESIGN	ORDER NO.	PU
white glossy	**1140 00 02**	10
polar white glossy	**1140 00 69**	10
brown glossy	**1140 00 01**	10
light bronze matt, lacquered	**1140 90 11**	10
stainless steel matt, lacquered	**1140 90 04**	10



Hinged cover, high

- Labelling field

- with imprint

Labelling field height arranged for P-touch strips 6 mm.

For post-installation clipping into centre plates with labelling field.

DESIGN	ORDER NO.	PU
white glossy	**1141 00 02**	10
polar white glossy	**1141 00 69**	10
brown glossy	**1141 00 01**	10
light bronze matt, lacquered	**1141 90 11**	10
stainless steel matt, lacquered	**1141 90 04**	10

HOTEL APPLICATIONS

Centre plates for hotel card switches



Centre plate with imprint for push-button for hotel card

- Red lens

SUITABLE FOR	ORDER NO.	PAGE
Push-button for hotel card		page 73

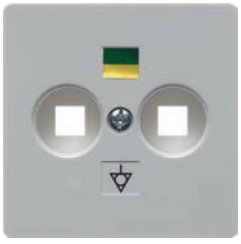
Card width max. 54 mm
Card thickness 0.5 ... 1.4 mm

Other imprint on request!

DESIGN	ORDER NO.	PU
white glossy	**1641 00 02**	10
polar white glossy	**1641 00 69**	10
brown glossy	**1641 00 01**	10
light bronze matt, lacquered	**1641 90 11**	10
stainless steel matt, lacquered	**1641 90 04**	10

HOSPITAL INSTALLATION

Central plates for hospital installation



Central plate for socket outlet for equipotential bonding

Caution!
Use only with intermediate ring for central plate from the corresponding range.

For double pole socket outlet for floating output according to DIN 42801

■ with imprint

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 424
Socket outlet for floating output	1061 ..	684

DESIGN	ORDER NO.	PU
white glossy	**1403 02**	10
polar white glossy	**1403 09**	10



Centre plate socket outlet for floating output

- Labelling field

■ with imprint

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 424
Socket outlet for floating output	1061 ..	684

DESIGN	ORDER NO.	PU
Stainless steel, metal matt finish	**1705 01 04**	10



Central plate for 6pole socket outlet

Caution!
Use only with intermediate ring for central plate from the corresponding range.

SUITABLE FOR	ORDER NO.	PAGE
Intermediate rings		page 424

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 90 / clino phon 95	71008C
clino opt 99	71008C3
6pole socket outlets	
Hirschmann: Medu 600 GSK	

DESIGN	ORDER NO.	PU
white glossy	**1474 02**	10
polar white glossy	**1474 09**	10
stainless steel matt, lacquered	**1474 04**	10

Centre plates for Ackermann inserts



Centre plate for nurse call system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	72642C 72639A 71197A 72642B

DESIGN	ORDER NO.	PU
white glossy	**1204 00 12**	10
polar white glossy	**1204 00 69**	10
stainless steel matt, lacquered	**1204 90 04**	10



Centre plate with plug-in opening for nurse call systems

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73070A

DESIGN	ORDER NO.	PU
white glossy	**1298 00 02**	10
polar white glossy	**1298 00 69**	10
stainless steel matt, lacquered	**1298 90 04**	10



Centre plate for dropping plug-and-socket connector

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- a-coded for dropping plug-and-socket connector

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	74189A

DESIGN	ORDER NO.	PU
white glossy	**1305 00 02**	10
polar white glossy	**1305 00 69**	10
stainless steel matt, lacquered	**1305 90 04**	10



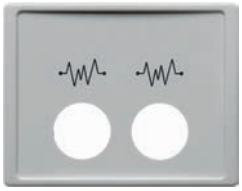
Centre plate with 2 plug-in openings for call unit

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call unit with 2 auxiliary plug-in contacts
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73020D 73021D

DESIGN	ORDER NO.	PU
white glossy	**1238 00 02**	10
polar white glossy	**1238 00 69**	10
stainless steel matt, lacquered	**1238 90 04**	10



Centre plate with 2 plug-in openings and imprint, for call unit

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call unit with 2 diagnostic plug-in contacts
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73075C 73020G 73021G 73075D

DESIGN	ORDER NO.	PU
white glossy	**1244 00 02**	10
polar white glossy	**1244 00 69**	10
stainless steel matt, lacquered	**1244 90 04**	10



Centre plate with 2 plug-in openings and imprinted symbols, for call unit

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call unit with diagnostic and auxiliary plug-in contact
- for plug-in cover

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	73020E

DESIGN	ORDER NO.	PU
white glossy	**1242 00 02**	10
polar white glossy	**1242 00 69**	10
stainless steel matt, lacquered	**1242 90 04**	10



Centre plate with plug-in opening, red button at bottom

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button with plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73022B 73023B

DESIGN	ORDER NO.	PU
white glossy	**1224 00 02**	10
polar white glossy	**1224 00 69**	10
stainless steel matt, lacquered	**1224 90 04**	10



Centre plate with plug-in opening, red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button and monitored auxiliary plug-in contact
- for call push-button with plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73071E 73071E2 73075A 73073E

DESIGN	ORDER NO.	PU
white glossy	**1217 00 02**	10
polar white glossy	**1217 00 69**	10
stainless steel matt, lacquered	**1217 90 04**	10



Centre plate with 2 plug-in openings, imprint and red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint
- for call module with call push-button and plug-in contacts
- for call push-button with diagnostic and auxiliary plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73071D 73071D2 73075B 73073D

DESIGN	ORDER NO.	PU
white glossy	**1218 00 02**	10
polar white glossy	**1218 00 69**	10
stainless steel matt, lacquered	**1218 90 04**	10



Centre plate with red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button
- button with lens and imprint
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73071F 73071F2 73073F

DESIGN	ORDER NO.	PU
white glossy	**1216 00 02**	10
polar white glossy	**1216 00 69**	10
stainless steel matt, lacquered	**1216 90 04**	10



Centre plate with red button at bottom

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button
- button with lens and imprint
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73022A 73022A2

DESIGN	ORDER NO.	PU
white glossy	**1219 00 02**	10
polar white glossy	**1219 00 69**	10
stainless steel matt, lacquered	**1219 90 04**	10



Centre plate with green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- button with lens
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73642C

DESIGN	ORDER NO.	PU
white glossy	**1251 00 02**	10
polar white glossy	**1251 00 69**	10
stainless steel matt, lacquered	**1251 90 04**	10



Centre plate with yellow button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- button with lens
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73642D

DESIGN	ORDER NO.	PU
white glossy	**1252 00 02**	10
polar white glossy	**1252 00 69**	10
stainless steel matt, lacquered	**1252 90 04**	10



Centre plate with blue button and imprint

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button
- button with lens
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73022A 73022A2

DESIGN	ORDER NO.	PU
white glossy	**1223 00 02**	10
polar white glossy	**1223 00 69**	10
stainless steel matt, lacquered	**1223 90 04**	10



Centre plate with white button and imprint

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint “SU-AUS WARTEN”
- button with lens
- centre plate for plug-in fixing
- for office unit

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73640J 73640J2

DESIGN	ORDER NO.	PU
white glossy	**1308 00 02**	10
polar white glossy	**1308 00 69**	10
stainless steel matt, lacquered	**1308 90 04**	10



Centre plate with red + green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button and shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73642B2

DESIGN	ORDER NO.	PU
white glossy	**1249 00 02**	10
polar white glossy	**1249 00 69**	10
stainless steel matt, lacquered	**1249 90 04**	10



Centre plate with green + yellow button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73642E

DESIGN	ORDER NO.	PU
white glossy	**1253 00 02**	10
polar white glossy	**1253 00 69**	10
stainless steel matt, lacquered	**1253 90 04**	10



Centre plate with white + green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint “SU-AUS WARTEN”
- buttons with lens
- centre plate for plug-in fixing
- for office unit

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99	73642B

DESIGN	ORDER NO.	PU
white glossy	**1299 00 02**	10
polar white glossy	**1299 00 69**	10
stainless steel matt, lacquered	**1299 90 04**	10



Centre plate for pneumatic call switch

- Lens

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	70006A 70006B
clino opt 99	70006C

DESIGN	ORDER NO.	PU
white glossy	**1236 00 02**	10
polar white glossy	**1236 00 69**	10
stainless steel matt, lacquered	**1236 90 04**	10



Centre plate for pullcord push-button

- Lens

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for pullcord push-button with pullcord and knob
- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	70045A3 70046A3 70046A

DESIGN	ORDER NO.	PU
white glossy	**1233 00 02**	10
polar white glossy	**1233 00 69**	10
stainless steel matt, lacquered	**1233 90 04**	10



Centre plate with imprinted symbol curve for small sound system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- for earpiece and volume control

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	73120C 73120H

DESIGN	ORDER NO.	PU
white glossy	**1300 00 02**	10
polar white glossy	**1300 00 69**	10
stainless steel matt, lacquered	**1300 90 14**	10



Centre plate with imprint “0 - 1 - 2 - 3 - 4 - 5” for small sound system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	73120A

DESIGN	ORDER NO.	PU
white glossy	**1301 00 02**	10
polar white glossy	**1301 00 69**	10
stainless steel matt, lacquered	**1301 90 04**	10



Centre plate with microphone for interface unit

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

MANUFACTURER: PRODUCT LINE	ART. NO.
Nurse call systems	
Ackermann: clino opt 99 / clino phon 95	71049A 71048A

DESIGN	ORDER NO.	PU
white glossy	**1302 00 02**	1
polar white glossy	**1302 00 69**	1
stainless steel matt, lacquered	**1302 90 04**	1

FRAMES

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



Frame

i 954

DESIGN	ORDER NO.	PU
white glossy, 1gang	**1313 00 02**	10
white glossy, 2gang vertical	**1323 00 02**	2
white glossy, 3gang vertical	**1333 00 02**	2
white glossy, 4gang vertical	**1343 00 02**	2
white glossy, 5gang vertical	**1353 00 02**	2
white glossy, 2gang horizontal	**1363 00 02**	2
white glossy, 3gang horizontal	**1373 00 02**	2
white glossy, 4gang horizontal	**1383 00 02**	2
white glossy, 5gang horizontal	**1393 00 02**	2



Frame

i 954

DESIGN	ORDER NO.	PU
polar white glossy, 1gang	**1313 00 69**	10
polar white glossy, 2gang vertical	**1323 00 69**	2
polar white glossy, 3gang vertical	**1333 00 69**	2
polar white glossy, 4gang vertical	**1343 00 69**	2
polar white glossy, 5gang vertical	**1353 00 69**	2
polar white glossy, 2gang horizontal	**1363 00 69**	2
polar white glossy, 3gang horizontal	**1373 00 69**	2
polar white glossy, 4gang horizontal	**1383 00 69**	2
polar white glossy, 5gang horizontal	**1393 00 69**	2



Frame

i 954

DESIGN	ORDER NO.	PU
brown glossy, 1gang	**1313 00 01**	10
brown glossy, 2gang vertical	**1323 00 01**	2
brown glossy, 3gang vertical	**1333 00 01**	2
brown glossy, 4gang vertical	**1343 00 01**	2
brown glossy, 5gang vertical	**1353 00 01**	2
brown glossy, 2gang horizontal	**1363 00 01**	2
brown glossy, 3gang horizontal	**1373 00 01**	2
brown glossy, 4gang horizontal	**1383 00 01**	2
brown glossy, 5gang horizontal	**1393 00 01**	2



Frame

i 954

DESIGN	ORDER NO.	PU
light bronze matt, aluminium lacquered, 1gang	**1314 00 01**	10
light bronze matt, aluminium lacquered, 2gang vertical	**1324 00 01**	2
light bronze matt, aluminium lacquered, 3gang vertical	**1334 00 01**	2
light bronze matt, aluminium lacquered, 4gang vertical	**1344 00 01**	2
light bronze matt, aluminium lacquered, 5gang vertical	**1354 00 01**	2
light bronze matt, aluminium lacquered, 2gang horizontal	**1364 00 01**	2
light bronze matt, aluminium lacquered, 3gang horizontal	**1374 00 01**	2
light bronze matt, aluminium lacquered, 4gang horizontal	**1384 00 01**	2
light bronze matt, aluminium lacquered, 5gang horizontal	**1394 00 01**	2



Frame

SUITABLE FOR	ORDER NO.	PAGE
optional		
Sealing ring for wall-tight installation of flush-mounted devices		page 430

i 954

DESIGN	ORDER NO.	PU
Stainless steel, metal matt finish, 1gang	**1314 00 04**	10
Stainless steel, metal matt finish, 2gang vertical	**1324 00 04**	2
Stainless steel, metal matt finish, 3gang vertical	**1334 00 04**	2
Stainless steel, metal matt finish, 4gang vertical	**1344 00 04**	2
Stainless steel, metal matt finish, 5gang vertical	**1354 00 04**	2
Stainless steel, metal matt finish, 2gang horizontal	**1364 00 04**	2
Stainless steel, metal matt finish, 3gang horizontal	**1374 00 04**	2
Stainless steel, metal matt finish, 4gang horizontal	**1384 00 04**	2
Stainless steel, metal matt finish, 5gang horizontal	**1394 00 04**	2



Frame

i 954

DESIGN	ORDER NO.	PU
gold matt, aluminium anodised, 1gang	**1314 00 02**	10
gold matt, aluminium anodised, 2gang vertical	**1324 00 02**	2
gold matt, aluminium anodised, 3gang vertical	**1334 00 02**	2
gold matt, aluminium anodised, 4gang vertical	**1344 00 02**	2
gold matt, aluminium anodised, 5gang vertical	**1354 00 02**	2
gold matt, aluminium anodised, 2gang horizontal	**1364 00 02**	2
gold matt, aluminium anodised, 3gang horizontal	**1374 00 02**	2
gold matt, aluminium anodised, 4gang horizontal	**1384 00 02**	2
gold matt, aluminium anodised, 5gang horizontal	**1394 00 02**	2



Frame

- for emphasising special switches, socket outlets, etc.

i 954

DESIGN	ORDER NO.	PU
red glossy, 1gang	**1313 00 62**	10
red glossy, 2gang vertical	**1323 00 62**	2
red glossy, 2gang horizontal	**1363 00 62**	2

SURFACE-MOUNTED FRAMES



Frame surface-mounted

Insertion depth 33.5 mm

For matching pipe lead-ins and replacement for cable and duct entries, refer to the chapter DRY SURFACE-MOUNTED INSTALLATION.

Flush-mounted devices can be used with surface-mounted frames for surface-mounted installation.

- entry at top and bottom possible
- with cable and duct entry

SUITABLE FOR	ORDER NO.	PAGE
optional		
Base plates		page 439
Entries/connectors		page 676

DESIGN	ORDER NO.	PU
white glossy, 1gang	**1029 00 02**	10
white glossy, 2gang	**1030 00 02**	10
white glossy, 3gang	**1031 00 02**	5
polar white glossy, 1gang	**1029 00 69**	10
polar white glossy, 2gang	**1030 00 69**	10
polar white glossy, 3gang	**1031 00 69**	5
brown glossy, 1gang	**1029 00 01**	10
brown glossy, 2gang	**1030 00 01**	10
brown glossy, 3gang	**1031 00 01**	5
light bronze matt, lacquered, 1gang	**1029 90 11**	10
light bronze matt, lacquered, 2gang	**1030 90 11**	10
light bronze matt, lacquered, 3gang	**1031 90 11**	5
stainless steel, lacquered, 1gang	**1029 90 04**	10
stainless steel, lacquered, 2gang	**1030 90 04**	10
stainless steel, lacquered, 3gang	**1031 90 04**	5
red glossy, 1gang	**1029 00 62**	10
red glossy, 2gang	**1030 00 62**	10
red glossy, 3gang	**1031 00 62**	5

Base plates



Base plate 1gang, self-extinguishing

For surface-mounted frames of the design lines:
- Berker Q.1
- Berker Arsys

- with imprint
- for mounting on combustible base surface

SUITABLE FOR	ORDER NO.	PAGE
SURFACE-MOUNTED FRAMES		page 439

DESIGN	ORDER NO.	PU
white	**1021 12**	10



Base plate 2gang, self-extinguishing

For surface-mounted frames of the design lines:
- Berker Q.1
- Berker Arsys

- with imprint
- for mounting on combustible base surface

SUITABLE FOR	ORDER NO.	PAGE
SURFACE-MOUNTED FRAMES		page 439

DESIGN	ORDER NO.	PU
white	**1021 22**	10



Base plate 3gang, self-extinguishing

For surface-mounted frames of the design lines:
- Berker Q.1
- Berker Arsys

- with imprint
- for mounting on combustible base surface

SUITABLE FOR	ORDER NO.	PAGE
SURFACE-MOUNTED FRAMES		page 439

DESIGN	ORDER NO.	PU
white	**1021 32**	10

SCHUKO SOCKET OUTLETS

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1



SCHUKO socket outlet

- enhanced contact protection

- with plug-in terminals

i 882

Rated voltage 250 V~
Rated current 16 A

DESIGN	ORDER NO.	PU
copper, natural metal	**4735 00 07**	10



SCHUKO socket outlet

- enhanced contact protection
- Screw-in lift terminals

- with screw-in lift terminals

i 882

Rated voltage 250 V~
Rated current 16 A

DESIGN	ORDER NO.	PU
copper, natural metal	**4135 00 07**	10

INTERNATIONAL SOCKET OUTLET SYSTEMS

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1



Socket outlet with earthing pin

- enhanced contact protection

- 2pole + earth
- with plug-in terminals

i 882

Rated voltage 250 V~
Rated current 16 A

DESIGN	ORDER NO.	PU
copper, natural metal	**67 6874 00 07**	10



Socket outlet with earthing pin

- enhanced contact protection
- Screw terminals

- 2pole + earth
- with screw terminals

i 882

Rated voltage 250 V~
Rated current 16 A

DESIGN	ORDER NO.	PU
copper, natural metal	**67 6574 00 07**	10

COVERS FOR SWITCHES/PUSH-BUTTONS

Rockers



Rocker

- for change-over/intermediate switch
- for rocker push-buttons
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20

DESIGN	ORDER NO.	PU
copper, natural metal	**1405 00 07**	10

Multiple Rockers



Rocker 2gang

- also for KNX applications: push-button, 2gang, and group push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches, 2gang		page 27
Series push-buttons		page 28

DESIGN	ORDER NO.	PU
copper, natural metal	**1434 00 07**	10

COVERS FOR BLIND SWITCHES/PUSH-BUTTONS



Rocker 2gang with imprinted arrow symbol

- also for KNX applications: push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Blind series switch 1pole	5035 20	108
Blind series switch 1pole	3035 20	108

DESIGN	ORDER NO.	PU
copper, natural metal	**1434 01 07**	10



Rocker 2gang with imprinted arrows symbol

- also for KNX applications: group push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Group series push-button, 4 NO contacts, common input terminal	5034 04	28

DESIGN	ORDER NO.	PU
copper, natural metal	**1434 03 07**	10

FRAMES



Frame

- for vertical and horizontal mounting

i 954

DESIGN	ORDER NO.	PU
copper, natural metal, 1gang	**1313 00 07**	10
copper, natural metal, 2gang vertical	**1323 00 07**	2
copper, natural metal, 2gang horizontal	**1363 00 07**	2
copper, natural metal, 3gang vertical	**1333 00 07**	2
copper, natural metal, 3gang horizontal	**1373 00 07**	2



B.
Berker

SCHUKO SOCKET OUTLETS	446-449
INTERNATIONAL SOCKET OUTLET SYSTEMS	449-451
COVERS FOR SWITCHES/PUSH-BUTTONS	451-454
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COVERS FOR PILOT LAMPS	461-462
SUPPLEMENTARY PRODUCTS	462
HOTEL APPLICATIONS	463
BARRIER-FREE CONSTRUCTION	463-464

A brilliant tradition. A global model of success. And a great heritage, that we need to protect and further develop. Around a century after we built the first switch with a circular profile, we now are opening the next chapter. With the switch programmes Berker R.1 and Berker R.3, which the designer Werner Aisslinger created with Berker, we carry the great tradition of round switches into the future. The Berker R.1 and Berker R.3 are the only programmes on the German market to consistently offer round centre plates universally. We offer both in the surfaces plastic, glass, aluminium and stainless steel, as well as a universal variety of functions. Both series reinterpret the tradition of round operating elements in an unmistakeable way.

- The contemporary rediscovery of round switches
- The only switch programmes with fully round centre plates
- High-quality surface material: plastic in polar white/black (glass, aluminium or stainless steel of 3 mm thickness)
- Basic support made of 7 mm-thick plastic

German Design Award NOMINEE 2013

German Design Award SPECIAL MENTION

GOOD DESIGN

iF product design award 2013

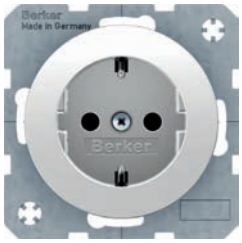
reddot design award winner 2013

Marked items are suitable for installation of splash-protected flush-mounted IP 44 when used in conjunction with corresponding sealing set.

SCHUKO SOCKET OUTLETS

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1

SCHUKO socket outlets



SCHUKO socket outlet

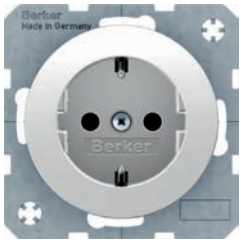
Rated voltage 250 V~
Rated current 16 A

- with plug-in terminals

i 882



DESIGN	ORDER NO.	PU
polar white glossy	**4743 20 89**	10
black glossy	**4743 20 45**	10



SCHUKO socket outlet
- enhanced contact protection

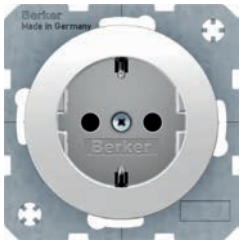
Rated voltage 250 V~
Rated current 16 A

- with plug-in terminals

i 882



DESIGN	ORDER NO.	PU
polar white glossy	**4723 20 89**	10
black glossy	**4723 20 45**	10



SCHUKO socket outlet
- Screw-in lift terminals

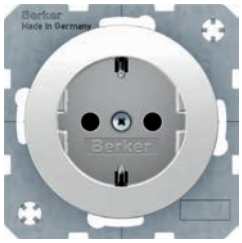
Rated voltage 250 V~
Rated current 16 A

- with screw-in lift terminals

i 882



DESIGN	ORDER NO.	PU
polar white glossy	**4143 20 89**	10
black glossy	**4143 20 45**	10



SCHUKO socket outlet
- enhanced contact protection
- Screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

- with screw-in lift terminals

i 882



DESIGN	ORDER NO.	PU
polar white glossy	**4123 20 89**	10
black glossy	**4123 20 45**	10



SCHUKO socket outlet 45°

Rated voltage	250 V~
Rated current	16 A

- for diagonal installation
- with plug-in terminals

Specially suited to combinations of several socket outlets if right angle plugs are used.

i 882

DESIGN	ORDER NO.	PU
polar white glossy	**4727 20 89**	10
black glossy	**4727 20 45**	10



SCHUKO socket outlet with LED orientation light

- enhanced contact protection
- Screw-in lift terminals

Rated voltage	250 V~
Frequency	50/60 Hz
Power consumption	0,25 W/0,35 VA
Switch-off brightness	ca. 4 lx
Light intensity (white)	0.2 cd
Switch-on brightness	ca. 2 lx
Rated current	16 A

- additional benefit by combination of a socket outlet with an orientation light
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- through-wiring possible, therefore also ideal for retrofitting
- long service life of the LED
- white LED light
- with screw-in lift terminals

i 882

Caution!
Items with special flush-mounted insert.
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

DESIGN	ORDER NO.	PU
polar white glossy	**4109 20 89**	10
black glossy	**4109 20 45**	10



SCHUKO socket outlet with control LED

- enhanced contact protection
- Screw-in lift terminals

Rated voltage	250 V~
Rated current	16 A

- with screw-in lift terminals

i 882

DESIGN	ORDER NO.	PU
polar white glossy	**4110 20 89**	10
black glossy	**4110 20 45**	10



Double SCHUKO socket outlet with cover plate

Rated voltage	250 V~
Rated current	16 A
Assembling height	22 mm

- with plug-in terminals

i 882

For installation in 1gang wall boxes according to DIN 49073-1

DESIGN	ORDER NO.	PU
Berker R.1		
polar white glossy	**4728 20 89**	10
black glossy	**4728 20 45**	10



Double SCHUKO socket outlet with cover plate
- enhanced contact protection

- with plug-in terminals

i 882

Rated voltage	250 V~
Rated current	16 A
Assembling height	22 mm

For installation in 1gang wall boxes according to DIN 49073-1

DESIGN	ORDER NO.	PU
Berker R.1		
polar white glossy	**4729 20 89**	10
black glossy	**4729 20 45**	10



Double SCHUKO socket outlet with cover plate

- with plug-in terminals

i 882

Rated voltage	250 V~
Rated current	16 A
Assembling height	22 mm

For installation in 1gang wall boxes according to DIN 49073-1

DESIGN	ORDER NO.	PU
Berker R.3		
polar white glossy	**4753 70 09**	10
black glossy	**4753 70 05**	10



Combination SCHUKO socket outlet 2gang with frame

- without spreader claws
- 2 x 1gang, wired-through
- with plug-in terminals

Rated voltage	250 V~
Rated current	16 A

For installation in cable duct wall boxes and in standard, commercially-available 2gang hollow wall boxes, also in 2gang flush-mounted boxes.

i 882

DESIGN	ORDER NO.	PU
Berker R.3		
polar white glossy	**4720 20 89**	5
black glossy	**4720 20 45**	5

SCHUKO socket outlets with hinged cover



SCHUKO socket outlet with hinged cover
- enhanced contact protection

- with self-closing hinged covers
- with imprint
- with plug-in terminals

Rated voltage	250 V~
Rated current	16 A

SUITABLE FOR	ORDER NO.	PAGE
optional		
Sealing set for socket outlets/centre plates	1010 76 00	462

i 882

DESIGN	ORDER NO.	PU
polar white glossy	**4751 20 89**	10
black glossy	**4751 20 45**	10



SCHUKO socket outlet with hinged cover

- enhanced contact protection
- Installation position variable in 45° steps

- with self-closing hinged covers
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals

i 882

Rated voltage	250 V~
Rated current	16 A

Specially suited to combinations of several socket outlets if right angle plugs are used.

DESIGN	ORDER NO.	PU
polar white glossy	**4744 20 89**	10
black glossy	**4744 20 45**	10

SCHUKO socket outlets for special applications



SCHUKO socket outlet with imprint

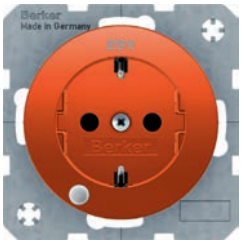
Rated voltage	250 V~
Rated current	16 A

- with plug-in terminals

i 882

Insert colour-coded.

DESIGN	ORDER NO.	PU
red glossy, Imprint “EDV”	**4743 20 22**	10
green glossy, Imprint “SV”	**4743 20 03**	10
orange glossy, Imprint “ZSV”	**4743 20 07**	10



SCHUKO socket outlet with control LED and imprint

- enhanced contact protection
- Screw-in lift terminals

- with screw-in lift terminals

i 882

Rated voltage	250 V~
Rated current	16 A

DESIGN	ORDER NO.	PU
red glossy, Imprint “EDV”	**4110 20 22**	10
green glossy, Imprint “SV”	**4110 20 03**	10
orange glossy, Imprint “ZSV”	**4110 20 07**	10

INTERNATIONAL SOCKET OUTLET SYSTEMS

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 76 00.

Socket outlets without earthing contact



Socket outlet without earthing contact

Rated voltage	250 V~
Rated current	16 A
Mirror depth	8 mm

- 2pole
- without spreader claws
- with plug-in terminals

i 882

DESIGN	ORDER NO.	PU
polar white glossy	**61 6703 20 89**	10
black glossy	**61 6703 20 45**	10

Socket outlets with earthing pin



Socket outlet with earthing pin

- enhanced contact protection

- 2pole + earth
- with plug-in terminals

i 882

Rated voltage 250 V~
Rated current 16 A

DESIGN	ORDER NO.	PU
polar white glossy	**67 6876 20 89**	10
black glossy	**67 6876 20 45**	10



Socket outlet with earthing pin

- enhanced contact protection
- Screw-in lift terminals

- 2pole + earth
- with screw-in lift terminals

i 882

Rated voltage 250 V~
Rated current 16 A

DESIGN	ORDER NO.	PU
polar white glossy	**67 6576 20 89**	10
black glossy	**67 6576 20 45**	10



Socket outlet with earthing pin and LED orientation light

- enhanced contact protection
- Screw-in lift terminals

- long service life of the LED
- white LED light
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- additional benefit by combination of a socket outlet with an orientation light
- 2pole + earth
- through-wiring possible, therefore also ideal for retrofitting
- with screw-in lift terminals

i 882

Rated voltage 250 V~
Frequency 50/60 Hz
Rated current 16 A
Power consumption 0,25 W/0,35 VA
Light intensity (white) 0.2 cd
Switch-on brightness ca. 2 lx
Switch-off brightness ca. 4 lx

Caution!
Items with special flush-mounted insert.
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

DESIGN	ORDER NO.	PU
polar white glossy	* **67 6510 20 89**	10
black glossy	* **67 6510 20 45**	10



Socket outlet with earth contact pin and monitoring LED

- enhanced contact protection
- Screw-in lift terminals

- 2pole + earth
- with screw-in lift terminals

i 882

Rated voltage 250 V~
Rated current 16 A

DESIGN	ORDER NO.	PU
polar white glossy	**67 6509 20 89**	10
black glossy	**67 6509 20 45**	10



Socket outlet with earthing pin and hinged cover

- enhanced contact protection
- Screw-in lift terminals

- with self-closing hinged covers
- 2pole + earth
- with screw-in lift terminals

Rated voltage	250 V~
Rated current	16 A
Mirror depth	14.5 mm

SUITABLE FOR	ORDER NO.	PAGE
optional		
Sealing set for socket outlets/centre plates	1010 76 00	462

i 882

DESIGN	ORDER NO.	PU
polar white glossy	**67 6583 20 89**	10
black glossy	**67 6583 20 45**	10

Socket outlets with earthing pin for special applications



Socket outlet with earth contact pin

- enhanced contact protection
- Screw-in lift terminals

- 2pole + earth
- with screw-in lift terminals

i 882

Rated voltage	250 V~
Rated current	16 A

DESIGN	ORDER NO.	PU
red glossy	* **67 6576 20 22**	10
green glossy	* **67 6576 20 03**	10
orange glossy	* **67 6576 20 07**	10



Socket outlet with earth contact pin and monitoring LED

- enhanced contact protection
- Screw-in lift terminals

- 2pole + earth
- with screw-in lift terminals

i 882

Rated voltage	250 V~
Rated current	16 A

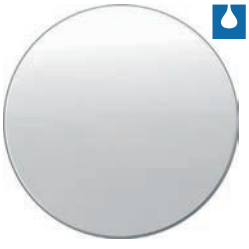
Insert colour-coded.

DESIGN	ORDER NO.	PU
red glossy	**67 6509 20 22**	10
green glossy	**67 6509 20 03**	10
orange glossy	**67 6509 20 07**	10

COVERS FOR SWITCHES/PUSH-BUTTONS

Rockers

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 77 00.



Rocker

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 77 00	462

DESIGN	ORDER NO.	PU
polar white glossy	**1620 20 89**	10
black glossy	**1620 20 45**	10



Rocker with imprinted symbol for light

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 77 00	462

DESIGN	ORDER NO.	PU
polar white glossy, with imprinted symbol for light	**1620 20 79**	10
black glossy, with imprinted symbol for light	**1620 20 35**	10



Rocker with imprinted symbol for bell

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 77 00	462

DESIGN	ORDER NO.	PU
polar white glossy, with imprinted symbol for bell	**1620 20 69**	10
black glossy, with imprinted symbol for bell	**1620 20 25**	10



Rocker with imprinted symbol for door opener

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 77 00	462

DESIGN	ORDER NO.	PU
polar white glossy, with imprinted symbol for door opener	**1620 20 59**	10
black glossy, with imprinted symbol for door opener	**1620 20 15**	10



Rocker

- Clear lens

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 77 00	462

DESIGN	ORDER NO.	PU
polar white glossy	**1621 20 89**	10
black glossy	**1621 20 45**	10



Rocker with imprinted symbol for light

- Clear lens

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for illumination and monitoring circuit
- also for KNX applications: group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 77 00	462

DESIGN	ORDER NO.	PU
polar white glossy	**1621 20 79**	10
black glossy	**1621 20 35**	10

Rockers for multi-pole rocker switches

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 77 00.



Rocker with imprint “0”

SUITABLE FOR	ORDER NO.	PAGE
Multi-pole rocker switches		page 25
optional		
Sealing set for switches/push-buttons	1010 77 00	462

DESIGN	ORDER NO.	PU
polar white glossy	**1622 20 89**	10
black glossy	**1622 20 45**	10



Rocker with imprint “0”

- Clear lens

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for illumination and monitoring circuit
- also for KNX applications: group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Multi-pole rocker switches		page 25
optional		
Sealing set for switches/push-buttons	1010 77 00	462

DESIGN	ORDER NO.	PU
polar white glossy	**1624 20 89**	10
black glossy	**1624 20 45**	10

Multiple Rockers



Rocker 2gang

- also for KNX applications: push-button, 2gang, and group push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches, 2gang		page 27
Series push-buttons		page 28

DESIGN	ORDER NO.	PU
polar white glossy	**1623 20 89**	10
black glossy	**1623 20 45**	10



Rocker 2gang

- Clear lens

- for illumination and monitoring circuit
- also for KNX applications: push-button, 2gang, and group push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches, 2gang		page 27
Series push-buttons		page 28

DESIGN	ORDER NO.	PU
polar white glossy	**1627 20 89**	10
black glossy	**1627 20 45**	10



Rocker 3gang

SUITABLE FOR	ORDER NO.	PAGE
On/off switch 3gang	6330 23	30

DESIGN	ORDER NO.	PU
polar white glossy	**1665 20 89**	10
black glossy	**1665 20 45**	10

Centre plates for pullcord switches/pullcord push-buttons



Centre plate for pullcord switch/pullcord push-button

SUITABLE FOR	ORDER NO.	PAGE
Pullcord switches/pullcord push-buttons		page 31

DESIGN	ORDER NO.	PU
polar white glossy	**1146 20 89**	10
black glossy	**1146 20 45**	10

TIMERS

Centre plates for mechanical timer





Centre plate for mechanical timer

- with time scale symbol imprint

SUITABLE FOR	ORDER NO.	PAGE
Mechanical time switches		page 33

DESIGN	ORDER NO.	PU
with time scale 15 min		
polar white glossy	**1632 20 89**	1
black glossy	**1632 20 45**	1
with time scale 120 min		
polar white glossy	**1633 20 89**	1
black glossy	**1633 20 45**	1

BERKER.NET - CONVENTIONAL ELECTRONICS PLATFORM

Buttons for switches/dimmers



Button 1gang

Operating voltage — via insert

- with 2-push-buttons operation concept
- low intrinsic energy requirement

SUITABLE FOR	ORDER NO.	PAGE
Switch insert 1gang	8512 11 00	47
Relay insert	8512 12 00	47
Touch dimmer (R, L)	8542 11 00	48
Universal touch dimmer 1gang	8542 12 00	49

i 918



DESIGN	ORDER NO.	PU
polar white glossy [1]	**8514 11 39**	1
black glossy [1]	**8514 11 31**	1

[1] no dismantling protection possible



Button 2gang

Operating voltage — via insert

- with 2-push-buttons operation concept per series
- low intrinsic energy requirement

SUITABLE FOR	ORDER NO.	PAGE
Switch insert 2gang	8512 22 00	48
Universal touch dimmer 2gang	8542 21 00	49

i 918



DESIGN	ORDER NO.	PU
polar white glossy [1]	**8514 21 39**	1
black glossy [1]	**8514 21 31**	1

[1] no dismantling protection possible

Motion detector covers



IR Motion detector comfort

Delay time, adjustable	≈ 10 s ... 30 min

- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- with button for on/off/automatic
- step operation with immunity time (e.g. for stair light/impact current circuits)
- low intrinsic energy requirement

SUITABLE FOR	ORDER NO.	PAGE
Inserts		page 80

i 918



DESIGN	ORDER NO.	PU
Nominal mounting height 1.1 m		
polar white glossy [1]	**8534 12 39**	1
black glossy [1]	**8534 12 31**	1
Nominal mounting height 2.2 m		
polar white glossy [1]	**8534 22 39**	1
black glossy [1]	**8534 22 31**	1

[1] no dismantling protection possible



Motion detector

Delay time	≈ 180 s

- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- with button for on/off/automatic
- low intrinsic energy requirement

SUITABLE FOR	ORDER NO.	PAGE
Inserts		page 80

i 918



DESIGN	ORDER NO.	PU
Nominal mounting height 1.1 m		
polar white glossy [1]	**8534 11 39**	1
black glossy [1]	**8534 11 31**	1
Nominal mounting height 2.2 m		
polar white glossy [1]	**8534 21 39**	1
black glossy [1]	**8534 21 31**	1

[1] no dismantling protection possible

Blind buttons



Blind button

Delay time, adjustable	0 s ... 500 s
Change-over time for change of direction	< 0.6 s
Venetian blind movement time	2 min
Minimum slat adjustment time	≈ 150 ms
Running time	max. 2 min

- memory function for automatic execution of learned up and down times with position
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- low intrinsic energy requirement
- with imprinted symbol arrows

SUITABLE FOR	ORDER NO.	PAGE
Blind insert comfort	8522 11 00	115

i 918



DESIGN	ORDER NO.	PU
polar white glossy [1]	**8524 11 39**	1
black glossy [1]	**8524 11 31**	1

[1] no dismantling protection possible

Time switches for blinds



Blind time switch

- Display

Change-over time for change of direction	< 0.6 s
Minimum slat adjustment time	≈ 150 ms
Running time	2 min
Astronomic time shift	± 2 h
Random number generator	± 15 min
Power reserve	≈ 24 h
Number of operation times for up/down	20

Control using device buttons and programmed switching times.

- with keylock
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- reset function (to factory setting)
- low intrinsic energy requirement
- with automatic summer-/winter time switching (can be switched off)
- astro programme for sunrise/sundown switching with city/country or co-ordinate input, individually adaptable
- holiday programme for random variation of the operation times in automatic operation
- indication of the application module/insert compatibility in the display
- LC display illuminated during operation
- LC display contrast is adjustable
- with switchover manual/automatic mode
- 2 independent preset programme memories, individually adaptable

SUITABLE FOR	ORDER NO.	PAGE
Blind insert comfort	8522 11 00	115

i 918

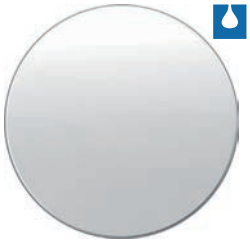
DESIGN	ORDER NO.	PU
polar white glossy [1]	**8574 11 39**	1
black glossy [1]	**8574 11 31**	1

[1] no dismantling protection possible

COVERS FOR DIMMERS

Centre plates for rotary dimmers

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 76 00.



Centre plate for rotary dimmer

- Setting knob

SUITABLE FOR	ORDER NO.	PAGE
Rotary dimmers		page 38
Rotary potentiometers DALI		page 44
1-10 V Rotary potentiometers		page 45
optional		
Sealing set for socket outlets/centre plates	1010 76 00	462

DESIGN	ORDER NO.	PU
polar white glossy	**1137 20 89**	10
black glossy	**1137 20 45**	10

COVERS FOR BLIND SWITCHES/PUSH-BUTTONS

Rockers with imprint



Rocker 2gang with imprinted arrow symbol

- also for KNX applications: push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Switches/ push-buttons for blinds		page 108

DESIGN	ORDER NO.	PU
polar white glossy	**1625 20 89**	10
black glossy	**1625 20 45**	10



Rocker 2gang with imprinted arrows symbol

- also for KNX applications: group push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Group series push-button, 4 NO contacts, common input terminal	5034 04	28

DESIGN	ORDER NO.	PU
polar white glossy	**1644 20 89**	10
black glossy	**1644 20 45**	10

Centre plates for rotary switches for blinds

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 76 00.



Centre plate with rotary knob for rotary switch for blinds

- with imprint

SUITABLE FOR	ORDER NO.	PAGE
Rotary switches for blinds		page 110
optional		
Sealing set for socket outlets/centre plates	1010 76 00	462
Interlock disk for rotary switch for blinds	1861 01	111

DESIGN	ORDER NO.	PU
polar white glossy	**1080 20 89**	1
black glossy	**1080 20 45**	1

HVAC CONTROLLERS AND COVERS

Thermostats



Thermostat, NO contact, with centre plate

- Time-controlled

- for heating or cooling mode

SUITABLE FOR	ORDER NO.	PAGE
Valve drive 230 V	7590 00 76	139

i 910

Rated voltage	230 V~
Hysteresis, settable	0.1 ... 1 K
Frequency	50 Hz



DESIGN	ORDER NO.	PU
polar white glossy	**2045 20 89**	1
black glossy	**2045 20 45**	1



Thermostat, NO contact, with centre plate, for underfloor heating

- Rocker switch
- External temperature sensor

SUITABLE FOR	ORDER NO.	PAGE
Valve drive 230 V	7590 00 76	139
replacement		
Temperature sensor	161	145

i 909

Rated voltage	230 V~
Frequency	50 Hz



DESIGN	ORDER NO.	PU
polar white glossy	**2034 20 89**	1
black glossy	**2034 20 45**	1



Temperature controller, change-over contact, with centre plate

Rated voltage 250 V~
Frequency 50/60 Hz

- for heating or cooling mode

SUITABLE FOR	ORDER NO.	PAGE
Valve drive 230 V	7590 00 76	139

i 909

DESIGN	ORDER NO.	PU
polar white glossy	**2026 20 89**	1
black glossy	**2026 20 45**	1



Temperature controller, NC contact, with centre plate

- Rocker switch

SUITABLE FOR	ORDER NO.	PAGE
Valve drive 230 V	7590 00 76	139

i 909

Rated voltage 250 V~
Frequency 50 Hz

DESIGN	ORDER NO.	PU
polar white glossy	**2030 20 89**	1
black glossy	**2030 20 45**	1

Rockers for heating emergency switches

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 77 00.



Rocker with imprint “Heizung Notschalter”

- Clear lens

- for monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 77 00	462

DESIGN	ORDER NO.	PU
polar white glossy	**1621 20 49**	10

Centre plates for air conditioner/fan controllers

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 76 00.



Centre plate with rotary knob for 3-step switch

SUITABLE FOR	ORDER NO.	PAGE
3-step switch	3861 ..	142
optional		
Sealing set for socket outlets/centre plates	1010 76 00	462



DESIGN	ORDER NO.	PU
without 0-position, imprint 2-1-3		
polar white glossy	**1084 20 89**	1
black glossy	**1084 20 45**	1
with 0-position, imprint 0-1-2-3		
polar white glossy	**1096 20 89**	1
black glossy	**1096 20 45**	1



Centre plate for speed controller
- Setting knob

Axis dimension Ø 4 mm

- with imprinted symbol curve

SUITABLE FOR	ORDER NO.	PAGE
Speed controllers	2968 01	143
optional		
Sealing set for socket outlets/centre plates	1010 76 00	462

DESIGN	ORDER NO.	PU
polar white glossy	**1137 20 79**	10
black glossy	**1137 20 35**	10

COMMUNICATION/MULTIMEDIA TECHNOLOGY

Covers data communications / telecommunications



Centre plate with TAE cut-out

- also for KNX applications: USB data interface, flush-mounted

SUITABLE FOR	ORDER NO.	PAGE
		page
Modular UAE socket outlets		page 153
Loudspeaker connection box	4572 ..	173
Stereo loudspeaker connection box	4573 ..	173
230 V USB charging socket outlet	2600 ..	503

DESIGN	ORDER NO.	PU
polar white glossy	**1038 20 89**	10
black glossy	**1038 20 45**	10



Centre plate for FCC socket outlet

- for 1gang socket outlet, cat.3, cat.5e and cat.6_A iso
- with 45° oblique outlet

SUITABLE FOR	ORDER NO.	PAGE
UAE socket outlets 1gang		page 148

DESIGN	ORDER NO.	PU
polar white glossy	**1407 20 89**	10
black glossy	**1407 20 45**	10



Centre plate for FCC socket outlet 2gang

- for 2gang socket outlet, cat.3, cat.5e and cat.6_A iso
- with 45° oblique outlet

SUITABLE FOR	ORDER NO.	PAGE
UAE socket outlets 2gang		page 150

DESIGN	ORDER NO.	PU
polar white glossy	**1409 20 89**	10
black glossy	**1409 20 45**	10



Centre plate with dust protection slider

- for supporting plates with coloured mounting device, 1gang, order no. 4540 .. and 454201, see COMMUNICATION/MULTIMEDIA TECHNOLOGY

DESIGN	ORDER NO.	PU
polar white glossy	**1170 20 89**	10
black glossy	**1170 20 45**	10



Centre plate with 2 dust protection sliders

- for supporting plates with coloured mounting devices, 2gang, order no. 4541 ..and 454202 see COMMUNICATION/MULTIMEDIA TECHNOLOGY

DESIGN	ORDER NO.	PU
polar white glossy	**1181 20 89**	10
black glossy	**1181 20 45**	10

Covers for aerial sockets



Centre plate for aerial socket 2-/3hole

- with knock out SAT input

SUITABLE FOR	ORDER NO.	PAGE
Aerial sockets		page 162

DESIGN	ORDER NO.	PU
polar white glossy	**1203 20 89**	10
black glossy	**1203 20 45**	10



Centre plate for aerial socket 4hole (Ankaro)

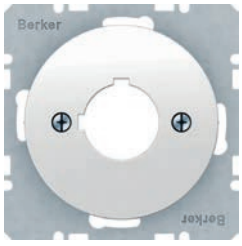
For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- with 2 additional SAT outputs (F-sockets)

SUITABLE FOR	ORDER NO.	PAGE
Aerial socket 4hole single box	4594	165

DESIGN	ORDER NO.	PU
polar white glossy	**1484 20 89**	10
black glossy	**1484 20 45**	10

Central plates for signalling and command units



Centre plate with installation opening Ø 22.5 mm

Installation aperture according to IEC 60947-5-1

- with cut-out dia. 22.5 mm

DESIGN	ORDER NO.	PU
polar white glossy	**1432 20 89**	10
black glossy	**1432 20 45**	10
yellow glossy	**1432 20 06**	10

Covers Audio



Centre plate for loudspeaker socket outlet

- 1 knock out opening

SUITABLE FOR	ORDER NO.	PAGE
Entry for small connector	4505 ..	175

DESIGN	ORDER NO.	PU
polar white glossy	**1196 20 89**	10
black glossy	**1196 20 45**	10

Video socket outlets



VGA socket outlet

Frequency range video max. 160 MHz
Resolution max. 1280 x 1024 px

- with 15pole D-subminiature double jack
- S-VGA compatible

i 950

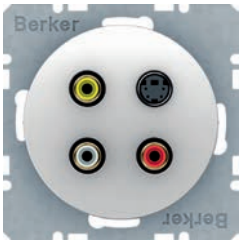
DESIGN	ORDER NO.	PU
with double jack		
polar white glossy	**33 1540 20 89**	10
black glossy	**33 1540 20 45**	10

VGA

back side, with screw-in lift terminals		
polar white glossy [1]	**33 1541 20 89**	10
black glossy [1]	**33 1541 20 45**	10

[1] for connection to a 15-core VGA cable, conductor cross-section (rigid) max. 1.5 mm²

Multimedia sockets



3 x Cinch/S-Video socket outlet

Frequency range audio 20 ... 20000 Hz
Frequency range video max. 160 MHz

- gold-plated contacts
- 1 cinch double jack for video connection (yellow)
- 2 cinch double jacks for audio connection (red, white)
- S-Video double jack

i 951



DESIGN	ORDER NO.	PU
polar white glossy	**33 1532 20 89**	10
black glossy	**33 1532 20 45**	10



High definition socket outlet

Transmission rate max. 8.16 Gbit/s
Resolution max. 1920 x 1080 px

- gold-plated contacts
- with HDMI™ double jack type A, supports HDMI™ technology (V 1.3 with Deep Color)

i 951



DESIGN	ORDER NO.	PU
back side, with straight socket		
polar white glossy	**33 1542 20 89**	10
black glossy	**33 1542 20 45**	10
back side, with 90° angle socket		
polar white glossy	**33 1543 20 89**	10
black glossy	**33 1543 20 45**	10



USB/3.5 mm audio socket outlet

USB transmission rate max. 480 Mbit/s
Frequency range audio 20 ... 20000 Hz

- double jack gold-plated 3.5 mm, stereo
- USB double jack type A, USB 2.0 capable

i 951



DESIGN	ORDER NO.	PU
polar white glossy	**33 1539 20 89**	10
black glossy	**33 1539 20 45**	10

COVERS FOR PILOT LAMPS

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 76 00.



Centre plate for push-button/pilot lamp E10

Cut-out Ø 27.2 mm

- centre plate for plug-in fixing

SUITABLE FOR	ORDER NO.	PAGE
Covers and push-buttons		page 69
LED lamp E10		page 68
Neon lamp E10		page 68
Push-button/pilot lamp E10, NO contact	5101 ..	60

DESIGN	ORDER NO.	PU
polar white glossy	**1124 20 89**	10
black glossy	**1124 20 45**	10



Centre plate for pilot lamp E14

For LEDs, incandescent lamps and covers see “Supplementary products”.

SUITABLE FOR	ORDER NO.	PAGE
Covers and push-buttons		page 69
LED lamp E14		page 68
Incandescent lamp E14		page 68
Pilot lamp E14	5131 02	61
optional		
Sealing set for socket outlets/centre plates	1010 76 00	462

DESIGN	ORDER NO.	PU
polar white glossy	**1198 20 89**	10
black glossy	**1198 20 45**	10

SUPPLEMENTARY PRODUCTS



Blind plug with centre plate

- on supporting plate without cut-out
- centre plate for plug-in fixing
- without spreader claws

SUITABLE FOR	ORDER NO.	PAGE
optional		
Sealing set for socket outlets/centre plates	1010 76 00	462

DESIGN	ORDER NO.	PU
polar white glossy	**1009 20 89**	20
black glossy	**1009 20 45**	20

Sealings IP44



Sealing set for socket outlets/centre plates

SUITABLE FOR	ORDER NO.	PAGE
Centre plates for rotary dimmers		page 456
Centre plates for rotary switches for blinds		page 457
Centre plates for air conditioner/fan controllers		page 458
Centre plate for pilot lamp E14		page 462
FRAMES		page 470
FRAMES		page 480
Blind plug with centre plate	1009 20 ..	462
SCHUKO socket outlet with hinged cover	4751 20 89	448
Socket outlet with earthing pin and hinged cover	67 6583 20 ..	451

DESIGN	ORDER NO.	PU
transparent	**1010 76 00**	1



Sealing set for switches/push-buttons

- also for KNX applications: push-button, 1gang, and group push-button, 1gang
- with IP44 fixing piece to screw on

SUITABLE FOR	ORDER NO.	PAGE
Rockers		page 451
Rockers for multi-pole rocker switches		page 453
Rockers - barrier-free construction		page 463
FRAMES		page 470
FRAMES		page 480

DESIGN	ORDER NO.	PU
transparent	**1010 77 00**	1

HOTEL APPLICATIONS

NEW



Relay switch with centre plate for hotel card

Rated voltage	230 V~ +10/-15 %
Frequency	50/60 Hz
Switching current	10 A/230 V AC1
230 V incandescent lamps and halogen lamps	1500 W
Conventional transformers	1500 VA
Electronic transformers	1500 W
Fluorescent lamps:	
- in Duo circuit	1500 W
Compact fluorescent lamps	500 W
Card width	max. 55 mm
Insertion depth	32 mm
Card thickness	0.8 ... 1.2 mm

- for illumination
- illuminated with blue LED if hotel card is not inserted
- with potentiometer for incremental adjustment of delay time
- with potential-free contact
- with screw-in lift terminals

Neutral conductor necessary!

DESIGN	ORDER NO.	PU
polar white glossy	* **1640 20 89**	1
black glossy	* **1640 20 45**	1

BARRIER-FREE CONSTRUCTION

The following rockers are conformant with DIN 18024-2 and DIN 18025-1 and -2.

SCHUKO socket outlets



SCHUKO socket outlet with hinged cover for barrier-free construction

- **Tactile symbol**
- **enhanced contact protection**

- with self-closing hinged covers
- with plug-in terminals

i 882

Rated voltage	250 V~
Rated current	16 A

Connection terminals according to IEC 60884-1

DESIGN	ORDER NO.	PU
polar white glossy	**4744 20 79**	10

Rockers - barrier-free construction

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 77 00.



Rocker for barrier-free construction

- **Guide for mouth rod**
- **Clear lens**

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 77 00	462

DESIGN	ORDER NO.	PU
polar white glossy	**1661 20 49**	10



Rocker for barrier-free construction

- **Tactile light symbol**
- **Clear lens**

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 77 00	462

DESIGN	ORDER NO.	PU
polar white glossy	**1651 20 49**	10



Rocker for barrier-free construction

- **Tactile bell symbol**
- **Clear lens**

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for illuminated rocker push-buttons
- also for KNX applications: push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 77 00	462

DESIGN	ORDER NO.	PU
polar white glossy	**1651 20 89**	10



Rocker for barrier-free construction

- **Tactile symbol for door opener**
- **Clear lens**

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for illuminated rocker push-buttons
- also for KNX applications: push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 77 00	462

DESIGN	ORDER NO.	PU
polar white glossy	**1651 20 69**	10


VOX

FRAMES 470-475

It stands unmistakably in the tradition of great switch programmes. And still, the Berker R.1 interprets the radius anew in its own way. With its soft frame contour and a variety of functional versions, the soft round switch is an ideal accompaniment for all residential and furnishing projects.

- Great novelty in the tradition of major switch programmes
- Soft frame contour, wide range of function variants
- High-quality surface material: plastic in polar white/black (glass, aluminium or stainless steel of 3 mm thickness)
- Basic support made of 7 mm-thick plastic

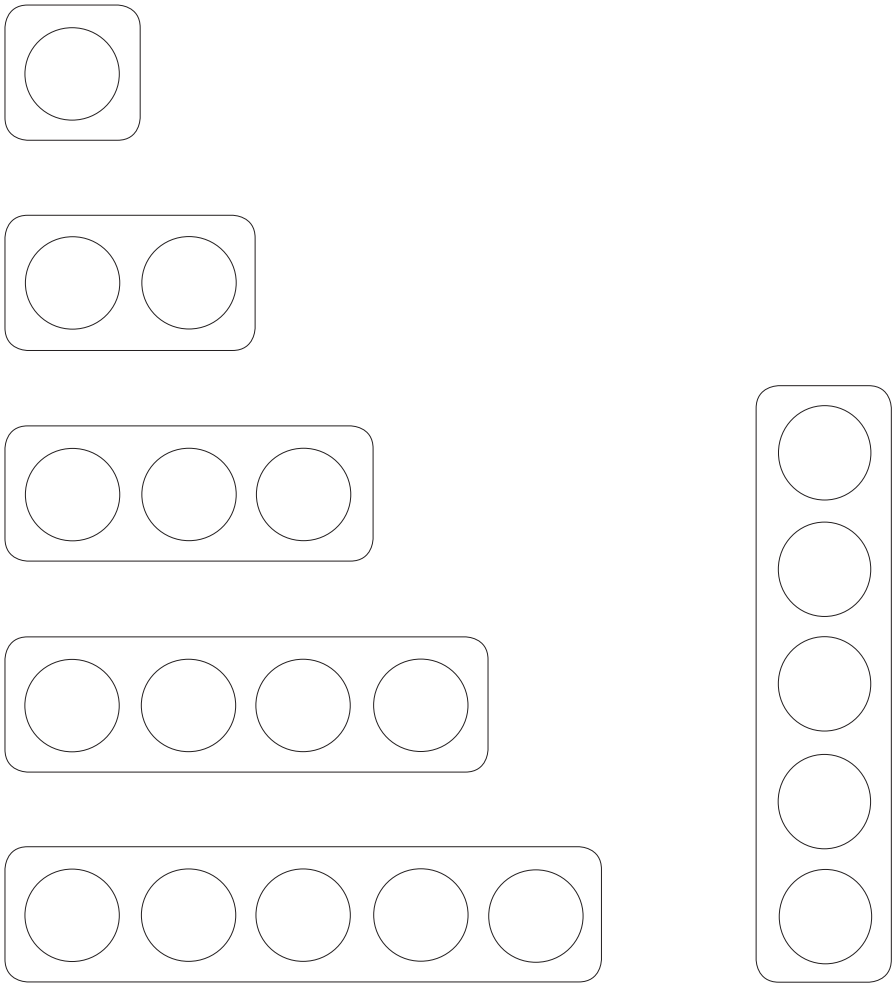
German Design Award NOMINEE 2013
German Design Award SPECIAL MENTION
GOOD DESIGN
product design award 2013
reddot design award winner 2013

Marked items are suitable for installation of splash-protected flush-mounted IP 44 when used in conjunction with corresponding sealing set.

Frame, 1gang
W 81.2 mm x H 81.2 mm, 1gang

Frame, 2 to 5gang
W 152.2 mm x H 81.2 mm, 2gang
W 223.2 mm x H 81.2 mm, 3gang
W 294.2 mm x H 81.2 mm, 4gang
W 365.2 mm x h 81.2 mm, 5gang

Frame 2 to 5gang, vertical
H 152.2 mm x W 81.2 mm, 2gang
H 223.2 mm x W 81.2 mm, 3gang
H 294.2 mm x W 81.2 mm, 4gang
H 365.2 mm x W 81.2 mm, 5gang



PRODUCT EXAMPLES







FRAME

Plastic, glossy
Polar white similar to RAL 9010
Black similar to RAL 9005

Glass
polar white similar to RAL 9010
black similar to RAL 9005

Metal
Aluminium, natural anodised
Stainless steel, matt finish

New Schiefer natur, anthrazit
New Beton geschliffen, grau
New Eiche, Holz gebeizt
New Leder geprägt, braun
New Acryl transparent rot
New Acryl transparent orange

COVERS / CENTRAL INSERTS

Plastic, glossy
Polar white similar to RAL 9010
Black similar to RAL 9005



FRAMES

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



Frame

- for vertical and horizontal mounting

SUITABLE FOR **ORDER NO.** **PAGE**
optional
Sealings IP44 page 462

i 955

DESIGN	ORDER NO.	PU
polar white glossy, 1gang	**1011 21 89**	10
polar white glossy, 2gang	**1012 21 89**	2
polar white glossy, 3gang	**1013 21 89**	2
polar white glossy, 4gang	**1014 21 89**	2
polar white glossy, 5gang	**1015 21 89**	2



Frame

- for vertical and horizontal mounting

SUITABLE FOR **ORDER NO.** **PAGE**
optional
Sealings IP44 page 462

i 955

DESIGN	ORDER NO.	PU
black glossy, 1gang	**1011 21 45**	10
black glossy, 2gang	**1012 21 45**	2
black glossy, 3gang	**1013 21 45**	10
black glossy, 4gang	**1014 21 45**	2
black glossy, 5gang	**1015 21 45**	2



Frame

- for vertical and horizontal mounting

SUITABLE FOR **ORDER NO.** **PAGE**
optional
Sealings IP44 page 462

i 955

DESIGN	ORDER NO.	PU
Aluminium/polar white, 1gang	**1011 21 74**	10
Aluminium/polar white, 2gang	**1012 21 74**	10
Aluminium/polar white, 3gang	**1013 21 74**	10
Aluminium/polar white, 4gang	**1014 21 74**	2
Aluminium/polar white, 5gang	**1015 21 74**	2



Frame

- for vertical and horizontal mounting

SUITABLE FOR **ORDER NO.** **PAGE**
optional
Sealings IP44 page 462

i 955

DESIGN	ORDER NO.	PU
aluminium/black, 1gang	**1011 21 84**	10
aluminium/black, 2gang	**1012 21 84**	10
aluminium/black, 3gang	**1013 21 84**	10
aluminium/black, 4gang	**1014 21 84**	2
aluminium/black, 5gang	**1015 21 84**	2



Frame

■ for vertical and horizontal mounting

SUITABLE FOR **ORDER NO.** **PAGE**
optional
Sealings IP44 page 462

i 955

DESIGN	ORDER NO.	PU
Stainless steel/polar white, 1gang	**1011 21 14**	10
Stainless steel/polar white, 2gang	**1012 21 14**	10
Stainless steel/polar white, 3gang	**1013 21 14**	10
Stainless steel/polar white, 4gang	**1014 21 14**	2
Stainless steel/polar white, 5gang	**1015 21 14**	2



Frame

■ for vertical and horizontal mounting

SUITABLE FOR **ORDER NO.** **PAGE**
optional
Sealings IP44 page 462

i 955

DESIGN	ORDER NO.	PU
Stainless steel/black, 1gang	**1011 21 04**	10
Stainless steel/black, 2gang	**1012 21 04**	10
Stainless steel/black, 3gang	**1013 21 04**	10
Stainless steel/black, 4gang	**1014 21 04**	2
Stainless steel/black, 5gang	**1015 21 04**	2



Frame

■ for vertical and horizontal mounting

SUITABLE FOR **ORDER NO.** **PAGE**
optional
Sealings IP44 page 462

i 955

DESIGN	ORDER NO.	PU
glass polar white , 1gang	**1011 21 09**	10
glass polar white, 2gang	**1012 21 09**	5
glass polar white, 3gang	**1013 21 09**	5
glass polar white, 4gang	**1014 21 09**	1
glass polar white, 5gang	**1015 21 09**	1



Frame

■ for vertical and horizontal mounting

SUITABLE FOR **ORDER NO.** **PAGE**
optional
Sealings IP44 page 462

i 955

DESIGN	ORDER NO.	PU
glass black, 1gang	**1011 21 16**	10
glass black, 2gang	**1012 21 16**	5
glass black, 3gang	**1013 21 16**	5
glass black, 4gang	**1014 21 16**	1
glass black, 5gang	**1015 21 16**	1



Frame

- Labelling field

Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
polar white glossy, 1gang	**1011 21 79**	10
polar white glossy, 2gang vertical	**1012 21 69**	2
polar white glossy, 3gang vertical	**1013 21 69**	2
polar white glossy, 2gang horizontal	**1012 21 79**	2
polar white glossy, 3gang horizontal	**1013 21 79**	2



Frame

- Labelling field

Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
black glossy, 1gang	**1011 21 35**	10
black glossy, 2gang vertical	**1012 21 25**	2
black glossy, 3gang vertical	**1013 21 25**	2
black glossy, 2gang horizontal	**1012 21 35**	2
black glossy, 3gang horizontal	**1013 21 35**	2

Frames made from special materials

NEW



Frame

Not suitable for water-protected, flush-mounted installation IP44.

Caution!
Installation only possible on a flat surface.
Tighten screws of the covers only **by hand**.

The colour of surface material can change when exposed to UV radiation.

Caution!
Natural product made from open-pored material, which is sensitive to grease and dirt.

Please observe care instructions in the appendix!

- for vertical and horizontal mounting
- natural, untreated surface structure
- natural material that underscores the individual character by means of developed structures and different material thicknesses and colour schemes

DESIGN	ORDER NO.	PU
anthracite/polar white glossy, natural slate, 1gang	* **1011 23 89**	1
anthracite/polar white glossy, natural slate, 2gang	* **1012 23 89**	1
anthracite/polar white glossy, natural slate, 3gang	* **1013 23 89**	1

NEW



Frame

Not suitable for water-protected, flush-mounted installation IP44.

Caution!
Installation only possible on a flat surface.
Tighten screws of the covers only **by hand**.

The colour of surface material can change when exposed to UV radiation.

Caution!
Natural product made from open-pored material, which is sensitive to grease and dirt.

Please observe care instructions in the appendix!

- for vertical and horizontal mounting
- natural, untreated surface structure
- natural material that underscores the individual character by means of developed structures and different material thicknesses and colour schemes

DESIGN	ORDER NO.	PU
anthracite/black glossy, natural slate, 1gang	* **1011 23 84**	1
anthracite/black glossy, natural slate, 2gang	* **1012 23 84**	1
anthracite/black glossy, natural slate, 3gang	* **1013 23 84**	1



Frame

Not suitable for water-protected, flush-mounted installation IP44.

Caution!
Installation only possible on a flat surface.
Tighten screws of the covers only **by hand**.

The colour of surface material can change when exposed to UV radiation.

Caution!
Natural product made from open-pored material, which is sensitive to grease and dirt.

Please observe care instructions in the appendix!

- for vertical and horizontal mounting
- smoothly milled surface
- natural material that underscores the individual character by means of different structures and colour schemes

DESIGN	ORDER NO.	PU
grey/polar white glossy, grounded concrete, 1gang	* **1011 23 79**	1
grey/polar white glossy, grounded concrete, 2gang	* **1012 23 79**	1
grey/polar white glossy, grounded concrete, 3gang	* **1013 23 79**	1



Frame

Not suitable for water-protected, flush-mounted installation IP44.

Caution!
Installation only possible on a flat surface.
Tighten screws of the covers only **by hand**.

The colour of surface material can change when exposed to UV radiation.

Caution!
Natural product made from open-pored material, which is sensitive to grease and dirt.

Please observe care instructions in the appendix!

- for vertical and horizontal mounting
- smoothly milled surface
- natural material that underscores the individual character by means of different structures and colour schemes

DESIGN	ORDER NO.	PU
grey/black glossy, grounded concrete, 1gang	* **1011 23 74**	1
grey/black glossy, grounded concrete, 2gang	* **1012 23 74**	1
grey/black glossy, grounded concrete, 3gang	* **1013 23 74**	1



Frame

Not suitable for water-protected, flush-mounted installation IP44.

The shape of surface materials can change during changes in temperature and humidity and its colour can change when exposed to UV radiation.

Patina typical for real leather can develop over time due to touch and the influence of light.

Caution!
Natural product made from open-pored material, which is sensitive to grease and dirt.

Please observe care instructions in the appendix!

- for vertical and horizontal mounting
- structured surface
- high quality, durable material that underscores the individual character by means of different structures and colour schemes

DESIGN	ORDER NO.	PU
brown/polar white glossy, embossed leather, 1gang	* **1011 23 69**	1
brown/polar white glossy, embossed leather, 2gang	* **1012 23 69**	1
brown/polar white glossy, embossed leather, 3gang	* **1013 23 69**	1
brown/polar white glossy, embossed leather, 4gang	* **1014 23 69**	1
brown/polar white glossy, embossed leather, 5gang	* **1015 23 69**	1

R.1
R.3



Frame

Not suitable for water-protected, flush-mounted installation IP44.

The shape of surface materials can change during changes in temperature and humidity and its colour can change when exposed to UV radiation.

Patina typical for real leather can develop over time due to touch and the influence of light.

Caution!
Natural product made from open-pored material, which is sensitive to grease and dirt.

Please observe care instructions in the appendix!

- for vertical and horizontal mounting
- structured surface
- high quality, durable material that underscores the individual character by means of different structures and colour schemes

DESIGN	ORDER NO.	PU
brown/black glossy, embossed leather, 1gang	* **1011 23 64**	1
brown/black glossy, embossed leather, 2gang	* **1012 23 64**	1
brown/black glossy, embossed leather, 3gang	* **1013 23 64**	1
brown/black glossy, embossed leather, 4gang	* **1014 23 64**	1
brown/black glossy, embossed leather, 5gang	* **1015 23 64**	1



Frame

Not suitable for water-protected, flush-mounted installation IP44.

The shape of surface materials can change during changes in temperature and humidity and its colour can change when exposed to UV radiation.

Please observe care instructions in the appendix!

- for vertical and horizontal mounting
- stained on bog oak
- natural material that underscores the individual character by means of different grains and colour structures

DESIGN	ORDER NO.	PU
oak/polar white glossy, stained wood, 1gang	* **1011 23 59**	1
oak/polar white glossy, stained wood, 2gang	* **1012 23 59**	1
oak/polar white glossy, stained wood, 3gang	* **1013 23 59**	1
oak/polar white glossy, stained wood, 4gang	* **1014 23 59**	1
oak/polar white glossy, stained wood, 5gang	* **1015 23 59**	1



Frame

Not suitable for water-protected, flush-mounted installation IP44.

The shape of surface materials can change during changes in temperature and humidity and its colour can change when exposed to UV radiation.

Please observe care instructions in the appendix!

- for vertical and horizontal mounting
- stained on bog oak
- natural material that underscores the individual character by means of different grains and colour structures

DESIGN	ORDER NO.	PU
oak/black glossy, stained wood, 1gang	* **1011 23 54**	1
oak/black glossy, stained wood, 2gang	* **1012 23 54**	1
oak/black glossy, stained wood, 3gang	* **1013 23 54**	1
oak/black glossy, stained wood, 4gang	* **1014 23 54**	1
oak/black glossy, stained wood, 5gang	* **1015 23 54**	1



Frame

Not suitable for water-protected, flush-mounted installation IP44.

Please observe care instructions in the appendix!

- for vertical and horizontal mounting

DESIGN	ORDER NO.	PU
red transparent/polar white glossy, acrylic, 1gang	* **1011 23 49**	1
red transparent/polar white glossy, acrylic, 2gang	* **1012 23 49**	1
red transparent/polar white glossy, acrylic, 3gang	* **1013 23 49**	1
red transparent/polar white glossy, acrylic, 4gang	* **1014 23 49**	1
red transparent/polar white glossy, acrylic, 5gang	* **1015 23 49**	1



Frame

Not suitable for water-protected, flush-mounted installation IP44.

Please observe care instructions in the appendix!

- for vertical and horizontal mounting

DESIGN	ORDER NO.	PU
red transparent/black glossy, acrylic, 1gang	* **1011 23 44**	1
red transparent/black glossy, acrylic, 2gang	* **1012 23 44**	1
red transparent/black glossy, acrylic, 3gang	* **1013 23 44**	1
red transparent/black glossy, acrylic, 4gang	* **1014 23 44**	1
red transparent/black glossy, acrylic, 5gang	* **1015 23 44**	1



Frame

Not suitable for water-protected, flush-mounted installation IP44.

Please observe care instructions in the appendix!

- for vertical and horizontal mounting

DESIGN	ORDER NO.	PU
orange transparent/polar white glossy, acrylic, 1gang	* **1011 23 39**	1
orange transparent/polar white glossy, acrylic, 2gang	* **1012 23 39**	1
orange transparent/polar white glossy, acrylic, 3gang	* **1013 23 39**	1
orange transparent/polar white glossy, acrylic, 4gang	* **1014 23 39**	1
orange transparent/polar white glossy, acrylic, 5gang	* **1015 23 39**	1



Frame

Not suitable for water-protected, flush-mounted installation IP44.

Please observe care instructions in the appendix!

- for vertical and horizontal mounting

DESIGN	ORDER NO.	PU
orange transparent/black glossy, acrylic, 1gang	* **1011 23 34**	1
orange transparent/black glossy, acrylic, 2gang	* **1012 23 34**	1
orange transparent/black glossy, acrylic, 3gang	* **1013 23 34**	1
orange transparent/black glossy, acrylic, 4gang	* **1014 23 34**	1
orange transparent/black glossy, acrylic, 5gang	* **1015 23 34**	1

R.1
R.3


but I always say,
one's company,
two's a crowd,
and three's a party.

FRAMES 480-482
SURFACE-MOUNTED HOUSINGS 482

The Berker R.3 celebrates the power of contrast: we combine circular centre plates with a continuously cornered frame. Superb side-effect: The Berker R.3 is ideally suited for installation in wall ducts.

- Exciting design (square frame, round centre plates)
- Ideal for installation in dado ducts
- High-quality surface material: plastic in polar white/black (glass, aluminium or stainless steel of 3 mm thickness)
- Basic support made of 7 mm-thick plastic

German Design Award NOMINEE 2013

GOOD DESIGN

iF product design award 2013

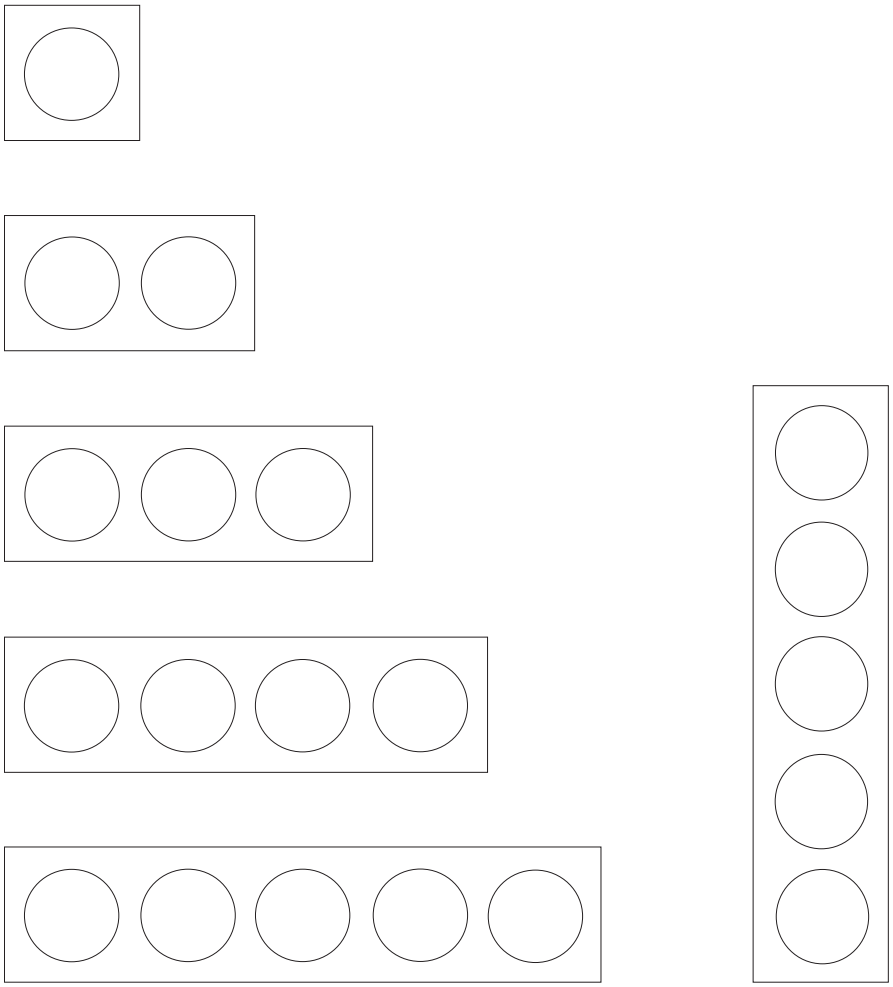
reddot design award winner 2013

Marked items are suitable for installation of splash-protected flush-mounted IP 44 when used in conjunction with corresponding sealing set.

Frame, 1gang
W 81.2 mm x H 81.2 mm, 1gang

Frame, 2 to 5gang
W 152.2 mm x H 81.2 mm, 2gang
W 223.2 mm x H 81.2 mm, 3gang
W 294.2 mm x H 81.2 mm, 4gang
W 365.2 mm x h 81.2 mm, 5gang

Frame 2 to 5gang, vertical
H 152.2 mm x W 81.2 mm, 2gang
H 223.2 mm x W 81.2 mm, 3gang
H 294.2 mm x W 81.2 mm, 4gang
H 365.2 mm x W 81.2 mm, 5gang



PRODUCT EXAMPLES







FRAME

Plastic, glossy

Polar white	similar to RAL 9010
Black	similar to RAL 9005

Glass

polar white	similar to RAL 9010
black	similar to RAL 9005

Metal
Aluminium, natural anodised
Stainless steel, matt finish

COVERS / CENTRAL INSERTS

Plastic, glossy

Polar white	similar to RAL 9010
Black	similar to RAL 9005








FRAMES

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



Frame

- for vertical and horizontal mounting

SUITABLE FOR **ORDER NO.** **PAGE**
optional
Sealings IP44 page 462

i 955

DESIGN	ORDER NO.	PU
polar white glossy, 1gang	**1011 22 89**	10
polar white glossy, 2gang	**1012 22 89**	2
polar white glossy, 3gang	**1013 22 89**	2
polar white glossy, 4gang	**1014 22 89**	2
polar white glossy, 5gang	**1015 22 89**	2



Frame

- for vertical and horizontal mounting

SUITABLE FOR **ORDER NO.** **PAGE**
optional
Sealings IP44 page 462

i 955

DESIGN	ORDER NO.	PU
black glossy, 1gang	**1011 22 45**	10
black glossy, 2gang	**1012 22 45**	2
black glossy, 3gang	**1013 22 45**	10
black glossy, 4gang	**1014 22 45**	2
black glossy, 5gang	**1015 22 45**	2



Frame

- for vertical and horizontal mounting

SUITABLE FOR **ORDER NO.** **PAGE**
optional
Sealings IP44 page 462

i 955

DESIGN	ORDER NO.	PU
Aluminium/polar white , 1gang	**1011 22 74**	10
Aluminium/polar white, 2gang	**1012 22 74**	10
Aluminium/polar white, 3gang	**1013 22 74**	10
Aluminium/polar white, 4gang	**1014 22 74**	2
Aluminium/polar white, 5gang	**1015 22 74**	2



Frame

- for vertical and horizontal mounting

SUITABLE FOR **ORDER NO.** **PAGE**
optional
Sealings IP44 page 462

i 955

DESIGN	ORDER NO.	PU
aluminium/black, 1gang	**1011 22 84**	10
aluminium/black, 2gang	**1012 22 84**	10
aluminium/black, 3gang	**1013 22 84**	10
aluminium/black, 4gang	**1014 22 84**	2
aluminium/black, 5gang	**1015 22 84**	2



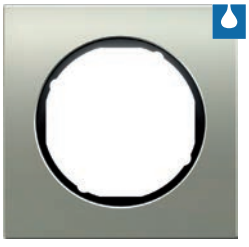
Frame

■ for vertical and horizontal mounting

SUITABLE FOR **ORDER NO.** **PAGE**
optional
Sealings IP44 page 462

i 955

DESIGN	ORDER NO.	PU
Stainless steel/polar white, 1gang	**1011 22 14**	10
Stainless steel/polar white, 2gang	**1012 22 14**	10
Stainless steel/polar white, 3gang	**1013 22 14**	10
Stainless steel/polar white, 4gang	**1014 22 14**	2
Stainless steel/polar white, 5gang	**1015 22 14**	2



Frame

■ for vertical and horizontal mounting

SUITABLE FOR **ORDER NO.** **PAGE**
optional
Sealings IP44 page 462

i 955

DESIGN	ORDER NO.	PU
Stainless steel/black, 1gang	**1011 22 04**	10
Stainless steel/black, 2gang	**1012 22 04**	10
Stainless steel/black, 3gang	**1013 22 04**	10
Stainless steel/black, 4gang	**1014 22 04**	2
Stainless steel/black, 5gang	**1015 22 04**	2



Frame

■ for vertical and horizontal mounting

SUITABLE FOR **ORDER NO.** **PAGE**
optional
Sealings IP44 page 462

i 955

DESIGN	ORDER NO.	PU
glass polar white, 1gang	**1011 22 09**	10
glass polar white, 2gang	**1012 22 09**	5
glass polar white, 3gang	**1013 22 09**	5
glass polar white, 4gang	**1014 22 09**	1
glass polar white, 5gang	**1015 22 09**	1



Frame

■ for vertical and horizontal mounting

SUITABLE FOR **ORDER NO.** **PAGE**
optional
Sealings IP44 page 462

i 955

DESIGN	ORDER NO.	PU
glass black, 1gang	**1011 22 16**	10
glass black, 2gang	**1012 22 16**	5
glass black, 3gang	**1013 22 16**	5
glass black, 4gang	**1014 22 16**	1
glass black, 5gang	**1015 22 16**	1



Frame

- Labelling field



Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
polar white glossy, 1gang	**1011 22 79**	10
polar white glossy, 2gang vertical	**1012 22 69**	2
polar white glossy, 3gang vertical	**1013 22 69**	2
polar white glossy, 2gang horizontal	**1012 22 79**	2
polar white glossy, 3gang horizontal	**1013 22 79**	2



Frame

- Labelling field



Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
black glossy, 1gang	**1011 22 35**	10
black glossy, 2gang vertical	**1012 22 25**	2
black glossy, 3gang vertical	**1013 22 25**	2
black glossy, 2gang horizontal	**1012 22 35**	2
black glossy, 3gang horizontal	**1013 22 35**	2

SURFACE-MOUNTED HOUSINGS



Housing surface-mounted

Insertion depth 37 mm

Flush-mounted devices can be used with the surface-mounted housings for surface-mounted installation.

- entry at top and bottom possible
- with cable and duct entry
- for mounting on combustible base surface
- for vertical and horizontal mounting

DESIGN	ORDER NO.	PU
polar white glossy, 1gang	**1041 89 89**	10
polar white glossy, 2gang	**1042 89 89**	5
polar white glossy, 3gang	**1043 89 89**	5
black glossy, 1gang	**1041 89 35**	10
black glossy, 2gang	**1042 89 35**	5
black glossy, 3gang	**1043 89 35**	5



Berker

SCHUKO SOCKET OUTLETS	486-487
INTERNATIONAL SOCKET OUTLET SYSTEMS	487-488
SWITCHES/PUSH-BUTTONS	488-491
ROTARY DIMMER	491-492
BLIND SWITCHES/PUSH-BUTTONS	492-493
COMMUNICATION/MULTIMEDIA TECHNOLOGY	493-502
USB CHARGING SOCKET OUTLETS	503
PILOT LAMPS	503
SUPPLEMENTARY PRODUCTS	504-505

Round switch programmes are among the classics of interior furnishing. Berker's round programmes, in turn, have permanently influenced switch design. And so the Berker Glass series today stands for switches that are the epitome of understated elegance. The origins of the Berker Serie 1930, in turn, can be traced back to the 1930s. We make the porcelain variant together with Rosenthal, Germany's most artistic porcelain brand.

CENTRAL INSERTS

SERIE 1930 / SERIE GLAS

Plastic, glossy	
Polar white	similar to RAL 9010
Black	similar to RAL 8022

METAL TOGGLE

Metal, refined
Brass, clear varnished
Brass, chrome-plated

All switches/push-buttons combinable with rotary toggle in polar white or black (incl. centre plate), chrome or brass

SERIE R.CLASSIC

Plastic, glossy	
Polar white	similar to RAL 9010
Black	similar to RAL 8022

SCHUKO SOCKET OUTLETS

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1



SCHUKO socket outlet

- Installation position variable in 45° steps

- with plug-in terminals

i 882

Rated voltage 250 V~
Rated current 16 A





DESIGN	ORDER NO.	PU
Berker Serie 1930/Glas		
polar white glossy	**4745 20**	10
black glossy	**4745 21**	10
Berker Serie R.classic		
polar white glossy	**4745 20 89**	10
black glossy	**4745 20 45**	10



SCHUKO socket outlet

- enhanced contact protection
- Installation position variable in 45° steps

- with plug-in terminals

i 882

Rated voltage 250 V~
Rated current 16 A





DESIGN	ORDER NO.	PU
Berker Serie 1930/Glas		
polar white glossy	**4755**	10
black glossy	**4755 01**	10
Berker Serie R.classic		
polar white glossy	**4755 20 89**	10
black glossy	**4755 20 45**	10



SCHUKO socket outlet

- Installation position variable in 45° steps
- Screw-in lift terminals

- with screw-in lift terminals

i 882

Rated voltage 250 V~
Rated current 16 A





DESIGN	ORDER NO.	PU
Berker Serie 1930/Glas		
polar white glossy	**4145 20**	10
black glossy	**4145 21**	10
Berker Serie R.classic		
polar white glossy	**4145 20 89**	10
black glossy	**4145 20 45**	10



SCHUKO socket outlet with LED orientation light

- enhanced contact protection
- Screw-in lift terminals

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Power consumption	0,25 W/0,35 VA
Switch-off brightness	ca. 4 lx
Switch-on brightness	ca. 2 lx
Light intensity (white)	0.2 cd

Caution!
Items with special flush-mounted insert.
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

- additional benefit by combination of a socket outlet with an orientation light
- long service life of the LED
- white LED light
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- with screw-in lift terminals
- through-wiring possible, therefore also ideal for retrofitting

i 882

DESIGN	ORDER NO.	PU
Berker Serie R.classic		
polar white glossy	**4109 20 89**	10
black glossy	**4109 20 45**	10

SCHUKO socket outlets with hinged cover



SCHUKO socket outlet with hinged cover

- enhanced contact protection
- Installation position variable in 45° steps

Rated voltage	250 V~
Rated current	16 A

Specially suited to combinations of several socket outlets if right angle plugs are used.

- with self-closing hinged covers
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals

i 882

DESIGN	ORDER NO.	PU
Berker Serie R.classic		
polar white glossy	**4744 20 89**	10
black glossy	**4744 20 45**	10

INTERNATIONAL SOCKET OUTLET SYSTEMS

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1

Socket outlets with earthing pin



Socket outlet with earthing pin

- Installation position variable in 45° steps
- enhanced contact protection

Rated voltage	250 V~
Rated current	16 A

- 2pole + earth
- with plug-in terminals

i 882

DESIGN	ORDER NO.	PU
Berker Serie 1930/Glas		
polar white glossy	**6768 79**	10
black glossy	**6768 79 01**	10
Berker Serie R.classic		
polar white glossy	**67 6879 20 89**	10
black glossy	**67 6879 20 45**	10





Socket outlet with earthing pin

- **Installation position variable in 45° steps**
- **enhanced contact protection**
- **Screw-in lift terminals**



- 2pole + earth
- with screw-in lift terminals

i 882

Rated voltage	250 V~
Rated current	16 A

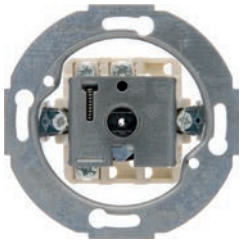




DESIGN	ORDER NO.	PU
Berker Serie 1930/Glas		
polar white glossy	**6765 79**	10
black glossy	**6765 79 01**	10
Berker Serie R.classic		
polar white glossy	**67 6579 20 89**	10
black glossy	**67 6579 20 45**	10

SWITCHES/PUSH-BUTTONS

Rotary switches

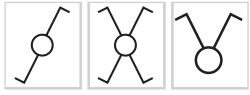


Rotary switch

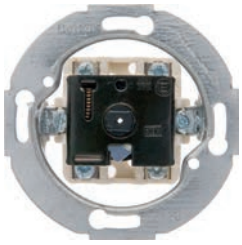
Rated voltage	250 V~
Switching current	10 AX

- with screw terminals

Switching sequence e.g. for clockwise series switch:
0 > 1 > 1+2 > 2 > 0



DESIGN	ORDER NO.	PU
Rotary switch, change-over	**3876 00**	1
Rotary switch, intermediate	**3877 00**	1
Rotary switch, series	**3875 00**	1



Rotary switch, 2pole off

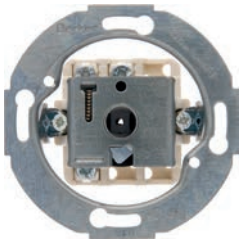
Rated voltage	250 V~
Switching current	10 AX

- with screw terminals



DESIGN	ORDER NO.	PU
Rotary switch, 2pole off	**3893 00**	1

Spring-return push-buttons



Spring-return push-button, NC contact + NO contact

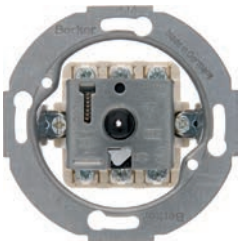
Rated voltage	250 V~
Momentary-contact current	10 A

- with screw terminals

Without centre plate also suitable for mounting with glass and decor cover plates.



DESIGN	ORDER NO.	PU
Spring-return push-button, NC contact + NO contact	**3846 00**	1



Group spring-return push-button 2pole, isolated input terminals

- 0 position



Rated voltage 250 V~
Momentary-contact current 10 A

Without centre plate also suitable for mounting with glass and decor cover plates.

- also suitable as series push-button for blinds
- with screw terminals



DESIGN	ORDER NO.	PU
Group spring-return push-button 2pole, isolated input terminals	**3838 00**	1

Centre plates for switches/push-buttons



Centre plate with toggle

- for rotary switches and spring-return push-buttons
- of plastic

DESIGN	ORDER NO.	PU
Berker Serie 1930		
polar white glossy	**1647**	1
black glossy	**1647 01**	1



Centre plate with toggle, porcelain

Centre plate of the Serie 1930 Porzellan Made by Rosenthal

- for rotary switches and spring-return push-buttons
- of porcelain

DESIGN	ORDER NO.	PU
Berker Serie 1930 Porzellan made by Rosenthal		
polar white glossy	**1647 69**	1
black glossy	**1647 65**	1

Cover plates for switches/push-buttons



Glass cover plate for rotary switch/spring-return push-button

Caution!In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

- toughened glass
- for single mounting
- with polar white plastic base

SUITABLE FOR	ORDER NO.	PAGE
optional		
Spacer gland	1887	505

i 958

DESIGN	ORDER NO.	PU
Berker Serie Glas		
clear glossy	**1090**	10



Glass cover centre plate for rotary switch/ spring-return push-button

Combinations are only to be installed in simple combi boxes.

- toughened glass
- for combination mounting
- with polar white plastic base

i 958

DESIGN	ORDER NO.	PU
Berker Serie Glas		
clear glossy	**1095**	10



Glass cover end plate for rotary switch/spring-return push-button

Combinations are only to be installed in simple combi boxes.

- toughened glass
- for combination mounting
- with polar white plastic base

i 958

DESIGN	ORDER NO.	PU
Berker Serie Glas		
clear glossy	**1094**	10



Chrome toggle

- for rotary switch/rotary push-button with toggle

SUITABLE FOR	ORDER NO.	PAGE
Rotary switches		page 488
Spring-return push-buttons		page 488

DESIGN	ORDER NO.	PU
Berker Serie Glas		
brass, chrome-plated	**1812 01**	1



Brass toggle

- for rotary switch/rotary push-button with toggle

SUITABLE FOR	ORDER NO.	PAGE
Rotary switches		page 488
Spring-return push-buttons		page 488

DESIGN	ORDER NO.	PU
Berker Serie Glas		
brass, clear varnished	**1812**	1



Cover plate with toggle for rotary switch/ spring-return push-button

Caution!In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

Caution!
The cover plates may only be mounted without frames.

- plastic

SUITABLE FOR	ORDER NO.	PAGE
optional		
Spacer gland	1887	505

DESIGN	ORDER NO.	PU
Berker Serie R.classic		
polar white glossy	**1001 20 89**	1
black glossy	**1001 20 45**	1



Cover plate with toggle for rotary switch/ spring-return push-button

Caution!In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

Caution!
The cover plates may only be mounted without frames.

SUITABLE FOR	ORDER NO.	PAGE
optional		
Spacer gland	1887	505

DESIGN	ORDER NO.	PU
Berker Serie R.classic		
Aluminium/polar white, luminium anodised	**1001 20 74**	1
Aluminium/black, aluminium anodised	**1001 20 84**	1



Cover plate with toggle for rotary switch/ spring-return push-button

Caution!In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).
Caution!
The cover plates may only be mounted without frames.

SUITABLE FOR	ORDER NO.	PAGE
optional		
Spacer gland	1887	505

DESIGN	ORDER NO.	PU
Berker Serie R.classic		
Stainless steel/polar white, metal matt finish	**1001 20 14**	1
Stainless steel/black, metal matt finish	**1001 20 04**	1



Cover plate with toggle for rotary switch/ spring-return push-button

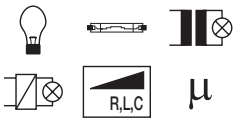
Caution!In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).
Caution!
The cover plates may only be mounted without frames.

SUITABLE FOR	ORDER NO.	PAGE
optional		
Spacer gland	1887	505

DESIGN	ORDER NO.	PU
Berker Serie R.classic		
glass polar white	**1001 20 83**	1
glass black	**1001 20 55**	1

ROTARY DIMMERS





Universal rotary dimmer with centre plate (R, L, C)

- Soft locking



Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	50 ... 420 W
Dimmable conventional transformers	50 ... 420 VA
Electronic transformers	50 ... 420 W
Number of built-in Tronics or power boosters (R, L) - with identical load type	max. 10
Number of universal power boosters, 420 W at phase control	max. 5
Number of universal power boosters, 500 W for phase cut-off	max. 10
Axis dimension Ø	4 mm

Do not connect conventional transformers together with electronic transformers.

- with input for extension units insert for universal rotary dimmer
- voltage test possible without dismantling
- phase cut-on or cut-off according to load type, self-learning
- with brightness memory
- bulb-preserving soft startup
- with incremental encoder
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- short-circuit and overload proof (electronic fuse)
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Power booster built-in (R, L)	2869 ..	59
optional		
Mains decoupler RMD	187 00	71
Mains decoupler comfort RMD	1 8799 01	70
Tronic power booster built-in (R, C)	2868	59
Universal power booster Plus RMD	1 6599 01	58

i 887





DESIGN	ORDER NO.	PU
Berker Serie 1930/Glas		
polar white glossy	**2834 10**	1
black glossy	**2834 11**	1
Berker Serie R.classic		
polar white glossy	**2834 20 89**	1
black glossy	**2834 20 45**	1



Extension units insert for universal rotary dimmer

- Soft locking

- as extension unit for universal rotary dimmer
- voltage test possible without dismantling
- with incremental encoder
- centre plate and setting knob
- with plug-in terminals

Operating voltage	230 V~
Frequency	50/60 Hz
Number of substations	max. 5
Axis dimension Ø	4 mm

i 887





DESIGN	ORDER NO.	PU
Berker Serie 1930/Glas		
polar white glossy	**2835 10**	1
black glossy	**2835 11**	1
Berker Serie R.classic		
polar white glossy	**2835 20 89**	1
black glossy	**2835 20 45**	1

BLIND SWITCHES/PUSH-BUTTONS

Rotary switches for blinds



Rotary switch for blinds 1pole with centre plate

- Rotary knobs

- with push lock function
- with neutral-position
- with screw terminals

Rated voltage	250 V~
Switching current	10 A

Follow the motor manufacturers' instructions.

SUITABLE FOR	ORDER NO.	PAGE
optional		
Interlock disk for rotary switch for blinds		page 493

i 881





DESIGN	ORDER NO.	PU
Berker Serie 1930/Glas		
polar white glossy	**3811**	1
black glossy	**3811 01**	1
Berker Serie R.classic		
polar white glossy	**3811 20 89**	1
black glossy	**3811 20 45**	1



Rotary switch for blinds 2pole with centre plate

- Rotary knobs

- with push lock function
- with neutral-position
- with screw terminals

Rated voltage	250 V~
Switching current	10 A

Follow the motor manufacturers' instructions.

SUITABLE FOR	ORDER NO.	PAGE
optional		
Interlock disk for rotary switch for blinds		page 493

i 881





DESIGN	ORDER NO.	PU
Berker Serie 1930/Glas		
polar white glossy	**3812**	1
black glossy	**3812 01**	1
Berker Serie R.classic		
polar white glossy	**3812 20 89**	1
black glossy	**3812 20 45**	1



Interlock disk for rotary switch for blinds

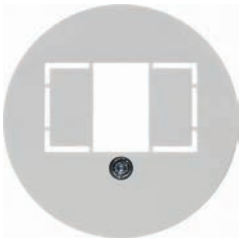
- for conversion to rotary push-button for blinds

SUITABLE FOR	ORDER NO.	PAGE
Rotary switch for blinds 2pole with centre plate	3812 ..	492
Rotary switch for blinds 1pole with centre plate	3811 ..	492

DESIGN	ORDER NO.	PU
Berker Serie 1930/Glas		
Interlock disk for rotary switch for blinds	**1861**	10
Berker R.1/R.3/Serie R.classic		
Interlock disk for rotary switch for blinds	**1861 01**	10

COMMUNICATION/MULTIMEDIA TECHNOLOGY

TAE socket outlets



Centre plate with TAE cut-out

- knock out

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- also for TDO socket outlet
- also for KNX applications: USB data interface, flush-mounted

SUITABLE FOR	ORDER NO.	PAGE
Modular UAE socket outlet 8/8pole unshielded, cat.6A iso	4584 ..	153

DESIGN	ORDER NO.	PU
Berker Serie 1930/Glas		
polar white glossy, with 2 knock out openings	**1040**	10
black glossy, with 2 knock out openings	**1040 01**	10



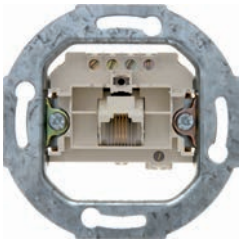
Centre plate with TAE cut-out

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- also for KNX applications: USB data interface, flush-mounted

DESIGN	ORDER NO.	PU
Berker Serie R.classic		
polar white glossy	**1038 20 89**	10
black glossy	**1038 20 45**	10

FCC socket outlets



FCC socket outlet 8(4)pole, cat.3

Rated voltage	125 V=
Rated current	1 A
Transmission bandwidth	max. 16 MHz
Transition resistance	< 20 mΩ
Conductor Ø	max. 1 mm
Insertion depth	22 mm

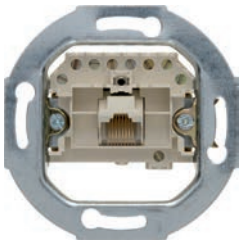
- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
- with 45° oblique outlet
- with screw terminals

i 949

Cat.3 to according to TIA/IAE-568-B.2
Design to according to DIN EN 60603-7

UAE

DESIGN	ORDER NO.	PU
white	**4568**	10



FCC socket outlet 8pole, cat.3

Rated voltage	125 V=
Rated current	1 A
Transmission bandwidth	max. 16 MHz
Transition resistance	< 20 mΩ
Conductor Ø	max. 1 mm
Insertion depth	22 mm

Cat.3 to according to TIA/IAE-568-B.2
Design to according to DIN EN 60603-7

- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
- with 45° oblique outlet
- with screw terminals

i 949

UAE

DESIGN	ORDER NO.	PU
white	**4538**	10



FCC socket outlet 8pole shielded, cat.5e

Rated voltage	72 V=
Rated current	0.75 A
Signal contact resistance	20 mΩ
Shield contact resistance	100 mΩ
Transmission bandwidth	max. 100 MHz
Operating temperature	-40 ... +70 °C
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Insertion depth	31 mm

Cat.5, class D, shielded according to ISO/IEC 11801
cat.5e according to TIA/EIA 568-B.2
Protective screen according to DIN EN 55022, class B
Design to according to DIN EN 60603-7-3
Colour code A and B according to TIA/EIA-568-B.2

- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- for RJ11, RJ12 and RJ45 plugs
- with screen contacting 360° and cable clamp
- with 45° oblique outlet
- flexible cable routing
- without spreader claws
- suitable for PoE+
- with LSA+ terminals

i 949

UAE

DESIGN	ORDER NO.	PU
FCC socket outlet 8pole shielded, cat.5e	**4554**	10



FCC socket outlet 8pole shielded, cat.6A iso

Rated voltage	72 V=
Rated current	0.5 A
Signal contact resistance	20 mΩ
Shield contact resistance	100 mΩ
Transmission bandwidth	max. 500 MHz
Transition resistance	< 20 mΩ
Operating temperature	-40 ... +70 °C
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Insertion depth	31 mm

Cat.6_A iso, Class E_A, shielded according to ISO/IEC 11801 A2
Protective screen according to DIN EN 55022, class B
Design to according to DIN IEC 60603-7-51
Colour code A and B according to TIA/EIA-568-B.2

- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- for RJ11, RJ12 and RJ45 plugs
- with screen contacting 360° and cable clamp
- with 45° oblique outlet
- flexible cable routing
- without spreader claws
- suitable for PoE+
- with LSA+ terminals

i 949

UAE

DESIGN	ORDER NO.	PU
FCC socket outlet 8pole shielded, cat.6A iso	**4586**	10



Centre plate for FCC socket outlet

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

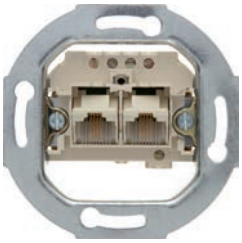
- for 1gang socket outlet, cat.3, cat.5e and cat.6_A iso
- with 45° oblique outlet

DESIGN	ORDER NO.	PU
Berker Serie 1930/Glas		
polar white glossy	**1407**	10
black glossy	**1407 01**	10



Berker Serie R.classic

polar white glossy	**1407 20 89**	10
black glossy	**1407 20 45**	10



FCC socket outlet 2x8(4)pole, cat.3

Rated voltage	125 V=
Rated current	1 A
Transmission bandwidth	max. 16 MHz
Transition resistance	< 20 mΩ
Conductor Ø	max. 1 mm
Insertion depth	22 mm

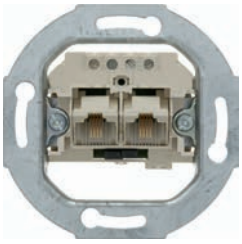
- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
- parallel contacted sockets
- with 45° oblique outlet
- with screw terminals

i 949

Cat.3 to according to TIA/IAE-568-B.2
Design to according to DIN EN 60603-7

UAE

DESIGN	ORDER NO.	PU
white	**4562**	10



FCC connection socket outlet 2x8(4)pole, cat.3

Rated voltage	125 V=
Rated current	1 A
Transmission bandwidth	max. 16 MHz
Transition resistance	< 20 mΩ
Resistor	100 Ω
Conductor Ø	max. 1 mm
Insertion depth	22 mm

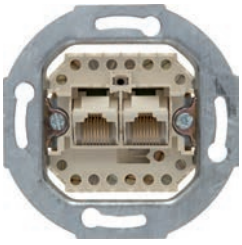
- as socket outlet for ISDN-So-Bus installations
- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
- parallel contacted sockets
- for telephone installations as single box
- with 45° oblique outlet
- with screw terminals

i 949

Cat.3 to according to TIA/IAE-568-B.2
Design to according to DIN EN 60603-7

UAE

DESIGN	ORDER NO.	PU
white	# **4592**	10



FCC socket outlet 8/8pole, cat.3

Rated voltage	125 V=
Rated current	1 A
Transmission bandwidth	max. 16 MHz
Transition resistance	< 20 mΩ
Conductor Ø	max. 1 mm
Insertion depth	22 mm

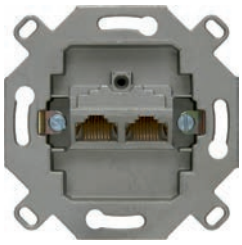
- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
- with 45° oblique outlet
- with screw terminals

i 949

Cat.3 to according to TIA/IAE-568-B.2
Design to according to DIN EN 60603-7

UAE

DESIGN	ORDER NO.	PU
white	**4539**	10



FCC socket outlet 8/8pole shielded, cat.5e

Rated voltage	72 V=
Rated current	0.75 A
Transmission bandwidth	max. 100 MHz
Transition resistance	< 20 mΩ
Operating temperature	-40 ... +70 °C
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Insertion depth	31 mm

Cat.5, class D, shielded according to ISO/IEC 11801
cat.5e according to TIA/EIA 568-B.2
Protective screen according to DIN EN 55022, class B
Design to according to DIN EN 60603-7-3
Colour code A and B according to TIA/EIA-568-B.2

- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- for RJ11, RJ12 and RJ45 plugs
- with screen contacting 360° and cable clamp
- with 45° oblique outlet
- flexible cable routing
- without spreader claws
- suitable for PoE+
- with LSA+ terminals

i 949

UAE

DESIGN	ORDER NO.	PU
FCC socket outlet 8/8pole shielded, cat.5e	**4555**	10



FCC socket outlet 8/8pole shielded, cat.6A iso

Rated voltage	72 V=
Rated current	0.5 A
Signal contact resistance	20 mΩ
Shield contact resistance	100 mΩ
Operating temperature	-40 ... +70 °C
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Insertion depth	31 mm

Cat.6_A iso, Class E_A, shielded according to ISO/IEC 11801 A2
Protective screen according to DIN EN 55022, class B
Design to according to DIN IEC 60603-7-51
Colour code A and B according to TIA/EIA-568-B.2

- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- for RJ11, RJ12 and RJ45 plugs
- with screen contacting 360° and cable clamp
- with 45° oblique outlet
- flexible cable routing
- without spreader claws
- suitable for PoE+
- with LSA+ terminals

i 949

UAE

DESIGN	ORDER NO.	PU
FCC socket outlet 8/8pole shielded, cat.6A iso	**4587**	10





Centre plate for FCC socket outlet 2gang

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for 2gang socket outlet, cat.3, cat.5e and cat.6_A iso
- with 45° oblique outlet

DESIGN	ORDER NO.	PU
Berker Serie 1930/Glas		
polar white glossy	**1409**	10
black glossy	**1409 01**	10
Berker Serie R.classic		
polar white glossy	**1409 20 89**	10
black glossy	**1409 20 45**	10



Modular UAE socket outlet 8/8pole shielded, cat.6A iso

Rated voltage	72 V=
Rated current	0.5 A
Signal contact resistance	< 20 mΩ
Shield contact resistance	100 mΩ
Transmission bandwidth	max. 500 MHz
Operating temperature	-40 ... +70 °C
Insertion depth	35 mm
Copper conductor (solid) Ø	0.51 ... 0.64 (AWG 24-22) mm
Copper conductor (flexible) Ø	0.4 ... 0.53 (AWG 26) mm

- external eyelets on the supporting ring can be broken off for round designs
- die-cast zinc housing
- only suitable for RJ45 plugs
- with screen contacting 360° and cable clamp
- with straight outlet
- without spreader claws
- suitable for PoE+
- with IDC terminals
- with optional dust protection hinged covers

i 948

Cat.6_A iso, Class E_A, shielded according to ISO/IEC 11801 A2
Protective screen according to DIN EN 55022, class B
Design to according to DIN IEC 60603-7-51
Colour code A and B according to TIA/EIA-568-B.2

UAE

DESIGN	ORDER NO.	PU
Modular UAE socket outlet 8/8pole shielded, cat.6A iso	**4588**	1



Modular UAE socket outlet 8/8pole unshielded, cat.6A iso

Rated voltage	72 V=
Rated current	0.5 A
Signal contact resistance	< 200 mΩ
Transmission bandwidth	max. 500 MHz
Operating temperature	-40 ... +70 °C
Insertion depth	35 mm
Copper conductor (solid) Ø	0.51 ... 0.64 mm
Copper conductor (flexible) Ø	0.4 ... 0.53 mm

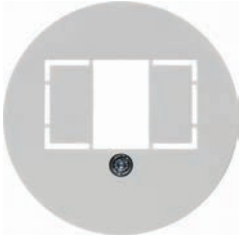
- housing made of ABS
- only suitable for RJ45 plugs
- with straight outlet
- without spreader claws
- suitable for PoE+
- with IDC terminals
- with optional dust protection hinged covers

Colour code A and B according to TIA/EIA-568-B.2

SUITABLE FOR	ORDER NO.	PAGE
Centre plate with TAE cut-out	1035 70 03 ..	154

i 949

DESIGN	ORDER NO.	PU
Modular UAE socket outlet 8/8pole unshielded, cat.6A iso	**4584**	1



Centre plate with TAE cut-out

- knock out

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- also for TDO socket outlet
- also for KNX applications: USB data interface, flush-mounted

SUITABLE FOR	ORDER NO.	PAGE
TAE socket outlets		page 493
Modular UAE socket outlet 8/8pole shielded, cat.6A iso		page 497
Modular UAE socket outlet 8/8pole unshielded, cat.6A iso		page 497
Loudspeaker connection box	4572 ..	173
Stereo loudspeaker connection box	4573 ..	173

DESIGN	ORDER NO.	PU
Berker Serie 1930/Glas		
polar white glossy, with 2 knock out openings	**1040**	10
black glossy, with 2 knock out openings	**1040 01**	10



Centre plate with TAE cut-out

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- also for KNX applications: USB data interface, flush-mounted

SUITABLE FOR	ORDER NO.	PAGE
TAE socket outlets		page 493
Modular UAE socket outlet 8/8pole shielded, cat.6A iso		page 497
Modular UAE socket outlet 8/8pole unshielded, cat.6A iso		page 497
Loudspeaker connection box	4572 ..	173
Stereo loudspeaker connection box	4573 ..	173
230 V USB charging socket outlet	2600 20 ..	503

DESIGN	ORDER NO.	PU
Berker Serie R.classic		
polar white glossy	**1038 20 89**	10
black glossy	**1038 20 45**	10

Aerial sockets



Aerial socket 2hole single box - DC-permeable

=→=

Broadband technology	4 ... 2400 MHz
Wave impedence	75 Ω
For coaxial cables	75 Ω
Attentuation:	
- at 40 … 68 MHz	3.5 dB
- at 87.5 … 108 MHz	3.8 dB
- at 113 … 174 MHz	2.5 dB
- at 174 … 862 MHz	4 dB
- at 950 … 2200 MHz	3 ... 4.9 dB
reverse channel compatible	4 ... 2400 MHz

Not suitable as terminal box.
IEC 169-2 and EN 60728-11
Shielding value according to EMC protection class A

- suitable for HDTV
- in star structure or decoupled spur lines
- DC voltage conducting
- for analogue and digital transmission
- for terrestrial reception
- remote supply via output socket
- for community, DVB-T and broadband cable systems
- for single and distributor SAT systems
- with screw terminals

i 946

TV

DESIGN	ORDER NO.	PU
Aerial socket 2hole single box	**4502 01**	10



Aerial socket, 2hole throughpass socket

Broadband technology	4 ... 2400 MHz
Wave impedence	75 Ω
For coaxial cables	75 Ω
Attentuation:	
- at 5 … 111 MHz	14 dB
- at 111 … 862 MHz	15 dB
- at 950 … 2400 MHz	16 dB
Transmission loss:	
- at 5 … 111 MHz	1.5 dB
- at 111 … 862 MHz	1 dB
- at 950 … 2400 MHz	2.5 dB
reverse channel compatible	4 ... 2400 MHz

EN 60728-4, -11
IEC 169-2 and EN 50083-2
Shielding value according to EMC protection class A

- suitable for HDTV
- in tree structure and trunk lines
- with decoupling device
- disables DC voltage
- for analogue and digital transmission
- for terrestrial reception
- for community, DVB-T and broadband cable systems
- for SAT house distributors
- with screw terminals

i 946

TV

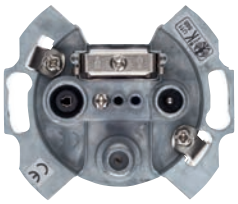
DESIGN	ORDER NO.	PU
Aerial socket, 2hole throughpass socket	**4515 01**	10



Centre plate for aerial socket 2hole

For aerial socket according to DIN 45330

DESIGN	ORDER NO.	PU
Berker Serie 1930/Glas		
polar white glossy	**1039 20**	10
black glossy	**1039 21**	10



Aerial socket 3hole single box

- DC-permeable

=→=

Broadband technology	5 ... 2400 MHz
Wave impedence	75 Ω
For coaxial cables	75 Ω
Attenuation:	
- at 4 … 30 MHz	3.5 dB
- at 40 … 68 MHz	3.5 dB
- at 87.5 … 108 MHz	3.8 dB
- at 113 … 174 MHz	3.5 dB
- at 174 … 862 MHz	4 dB
- at 950 … 2400 MHz	1.5 ... 3 dB

EN 60728-4, -11
IEC 169-2 and EN 50083-2
Shielding value according to EMC protection class A

- suitable for HDTV
- in star structure or decoupled spur lines
- DC voltage conducting
- for analogue and digital transmission
- for terrestrial reception
- remote supply via F-socket
- for community, DVB-T and broadband cable systems
- for single and distributor SAT systems
- with screw terminals

i 946

TV

DESIGN	ORDER NO.	PU
Aerial socket 3hole single box	**4522 01**	1



Aerial socket 3hole throughpass socket

Broadband technology	40 ... 2400 MHz
Wave impedence	75 Ω
For coaxial cables	75 Ω
Attenuation:	
- at 1.5 … 26.1 MHz	11 dB
- at 47 … 68 MHz	10.5 dB
- at 87.5 … 108 MHz	10.5 dB
- at 111 … 174 MHz	10 dB
- at 174 … 862 MHz	10.5 dB
- at 950 … 2050 MHz	10.5 dB
Transmission loss:	
- at 1.5 … 26.1 MHz	1.5 dB
- at 47 … 68 MHz	1.5 dB
- at 87.5 … 108 MHz	1.5 dB
- at 111 … 174 MHz	1 dB
- at 174 … 862 MHz	2 dB
- at 950 … 2050 MHz	3 dB

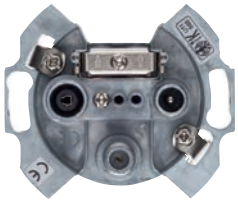
EN 60728-4, -11
IEC 169-2 and EN 50083-2
Shielding value according to EMC protection class A

- suitable for HDTV
- in tree structure and trunk lines
- with decoupling device
- disables DC voltage
- for analogue and digital transmission
- for terrestrial reception
- for community, DVB-T and broadband cable systems
- for SAT house distributors without supply voltage, e.g. single-cable solution
- with screw terminals

i 946

TV

DESIGN	ORDER NO.	PU
Aerial socket 3hole throughpass socket	**4523 01**	1



Aerial socket 3hole throughpass socket

- DC-permeable

=→=

Broadband technology	40 ... 2400 MHz
Wave impedence	75 Ω
For coaxial cables	75 Ω
Attentuation:	
- at 1.5 … 26.1 MHz	11 dB
- at 47 … 68 MHz	10.5 dB
- at 87.5 … 108 MHz	10.5 dB
- at 111 … 174 MHz	10 dB
- at 174 … 862 MHz	10.5 dB
- at 950 … 2050 MHz	10.5 dB
Transmission loss:	
- at 1.5 … 26.1 MHz	1.5 dB
- at 47 … 68 MHz	1.5 dB
- at 87.5 … 108 MHz	1.5 dB
- at 111 … 174 MHz	1 dB
- at 174 … 862 MHz	2 dB
- at 950 … 2050 MHz	3 dB

In unicable systems, the last throughpass socket must be closed with a terminating resistor (available in specialist shops) suitable for DC.
EN 60728-4, -11
IEC 169-2 and EN 50083-2
Shielding value according to EMC protection class A

- suitable for HDTV
- in tree structure and trunk lines
- with decoupling device
- DC voltage conducting
- for analogue and digital transmission
- for terrestrial reception
- for community, DVB-T and broadband cable systems
- for SAT house distributors
- suitable for unicable
- with screw terminals

i 946

TV

DESIGN	ORDER NO.	PU
Aerial socket 3hole throughpass socket	**4593 01**	1



Terminating resistor

Broadband technology	0.15 ... 2400 MHz
Resistor	75 Ω

- DC voltage conducting
- for use in last through-box
- for non-reflective termination of a trunk cable

i 947

DESIGN	ORDER NO.	PU
Terminating resistor	**4503**	1



Centre plate for aerial socket 3hole

DESIGN	ORDER NO.	PU
Berker Serie 1930/Glas		
polar white glossy	**1064 20**	10
black glossy	**1064 21**	10



Centre plate for aerial socket 2-/3hole

For aerial socket according to DIN 45330

- with knock out SAT input

DESIGN	ORDER NO.	PU
Berker Serie R.classic		
polar white glossy	**1203 20 89**	10
black glossy	**1203 20 45**	10



Aerial socket 4hole single box

- DC-permeable

=→=

Broadband technology	5 ... 2400 MHz
Wave impedence	75 Ω
For coaxial cables	75 Ω
Attentuation:	
- at 0.5 … 26.1 MHz	2 dB
- at 47 … 68 MHz	2 dB
- at 87.5 … 108 MHz	2 dB
- at 120 … 174 MHz	4.5 dB
- at 174 … 862 MHz	2 dB
- at 950 … 2050 MHz	4 dB

EN 60728-4
IEC 169-2 and EN 50083-2
Shielding value according to EMC protection class A

- suitable for HDTV
- in star structure or decoupled spur lines
- DC voltage conducting
- with 2 equal IEC outputs (socket and plug)
- with 2 independent SAT outputs (F-sleeves)
- for analogue and digital transmission
- for terrestrial reception
- also to add SAT programmes in broadband cable systems
- remote supply via F-sockets
- for community and broadband cable systems
- for multi-switch systems
- for single and distributor SAT systems
- for simultaneous connection of radio and TV receiver as well as 2 independent SAT receivers
- with screw terminals

i 946

TV

DESIGN	ORDER NO.	PU
Aerial socket 4hole single box	**4594 01**	1



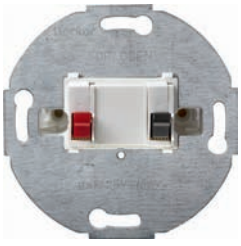
Centre plate for aerial socket 4hole (Ankaro)

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- with 2 additional SAT outputs (F-sockets)

DESIGN	ORDER NO.	PU
Berker Serie R.classic		
polar white glossy	**1484 20 89**	10
black glossy	**1484 20 45**	10

Audio socket outlets



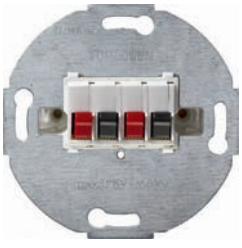
Loudspeaker connection box

Rated voltage	60 V=
Conductor cross-section	max. 10 mm²

- with plug-in terminals (on backside with screw terminals)

i 951

DESIGN	ORDER NO.	PU
polar white matt	**4572 09**	10
anthracite matt	**4572 05**	10



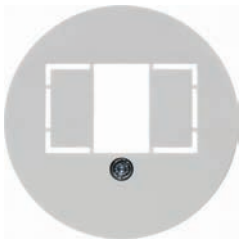
Stereo loudspeaker connection box

Rated voltage	60 V=
Conductor cross-section	max. 10 mm²

- with plug-in terminals (on backside with screw terminals)

i 951

DESIGN	ORDER NO.	PU
polar white matt	**4573 09**	10
anthracite matt	**4573 05**	10



Centre plate with TAE cut-out

- knock out

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- also for KNX applications: USB data interface, flush-mounted

SUITABLE FOR	ORDER NO.	PAGE
TAE socket outlets		page 493
Modular UAE socket outlets		page 153
Loudspeaker connection box	4572 0 ..	173
Stereo loudspeaker connection box	4573 0 ..	173

DESIGN	ORDER NO.	PU
Berker Serie 1930/Glas		
polar white glossy, with 2 knock out openings	**1040**	10
black glossy, with 2 knock out openings	**1040 01**	10



Centre plate with TAE cut-out

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- also for KNX applications: USB data interface, flush-mounted

SUITABLE FOR	ORDER NO.	PAGE
TAE socket outlets		page 493
Modular UAE socket outlets		page 153
Loudspeaker connection box	4572 ..	173
Stereo loudspeaker connection box	4573 ..	173
230 V USB charging socket outlet	2600 20 ..	503

DESIGN	ORDER NO.	PU
Berker Serie R.classic		
polar white glossy	**1038 20 89**	10
black glossy	**1038 20 45**	10



Insert with centre plate for small connector

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

For flange cover with 22.2 mm hole pitch according to DIN 41529

- for 1 or 2 connectors
- for diode plug-in devices
- for miniature plug-in devices
- for loudspeaker sockets
- with supporting ring
- 1 knock out opening

SUITABLE FOR	ORDER NO.	PAGE
Loudspeaker socket	1800	175

DESIGN	ORDER NO.	PU
Berker Serie 1930/Glas		
polar white glossy	**4508 20**	10
black glossy	**4508 21**	10
Berker Serie R.classic		
polar white glossy	**1196 20 79**	10
black glossy	**1196 20 35**	10





Loudspeaker socket

Conductor cross-section max. 2.5 mm²

DIN EN 60130-9

- for miniature connector insert
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Stereo loudspeaker socket outlet	4505 01	174
Insert with centre plate for small connector	4508 2 ..	502
Insert with centre plate for small connector	1196 20 ..	502
Entry for small connector	4505	175

i 951



DESIGN	ORDER NO.	PU
black	**1800**	10

USB CHARGING SOCKET OUTLETS



230 V USB charging socket outlet

- Screw terminals

Input voltage	100 ... 240 V~
Frequency	50/60 Hz
Output voltage	5 V= (± 5 %)
Output current per socket	max. 1 A
Output current when operating both sockets	max. 1.4 A
Power consumption (standby)	75 mW
Conductor cross-section (rigid)	max. 2.5 mm²
Insertion depth	32 mm

No data transmission possible!
USB connections according to DIN EN 50558

- for charging mobile end devices via USB cable
- with centre plate
- with 2 USB sockets type A
- short-circuit and overload proof (electronic fuse)
- with screw terminals (double for wiring through)

SUITABLE FOR	ORDER NO.	PAGE
replacement		
Centre plate with TAE cut-out		page 502

DESIGN	ORDER NO.	PU
Berker Serie R.classic		
polar white glossy	**2600 20 89**	1
black glossy	**2600 20 45**	1

PILOT LAMPS



Push-button/pilot lamp E10, NO contact, with centre plate

Rated voltage	250 V~
Momentary-contact current	2 A
Incandescent lamp power	max. 2 W

- for illumination and monitoring circuit
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Neon lamp E10	1601	68
LED lamp E10	1678 ..	68

i 881

DESIGN	ORDER NO.	PU
Berker Serie 1930/Glas		
polar white glossy	**5104**	1
black glossy	**5104 01**	1



Knob for push-button/pilot lamp E10

SUITABLE FOR	ORDER NO.	PAGE
Push-button/pilot lamp E10, NO contact, with centre plate	5104 ..	503

DESIGN	ORDER NO.	PU
polar white glossy	**1225**	10
black glossy	**1225 01**	10
polar white glossy [1]	**1226**	10
polar white glossy [2]	**1227**	10
red, transparent	**1229**	10
clear, transparent	**1229 02**	10

[1] with imprinted symbol for light
[2] with imprinted symbol for bell



Cover for push-button/pilot lamp E10

SUITABLE FOR	ORDER NO.	PAGE
Push-button/pilot lamp E10, NO contact, with centre plate	5104 ..	503

DESIGN	ORDER NO.	PU
clear, transparent	**1221**	10
red, transparent	**1222**	10

SUPPLEMENTARY PRODUCTS

Blind plates



Blind plug with centre plate

- with supporting ring
- centre plate for plug-in fixing
- without spreader claws





DESIGN	ORDER NO.	PU
Berker Serie 1930/Glas		
polar white glossy	**1009 20**	20
black glossy	**1009 21**	20
Berker Serie R.classic		
polar white glossy	**1009 20 79**	20
black glossy	**1009 20 35**	20



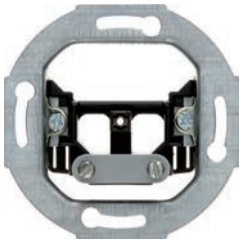
Blind plug with centre plate, base and spreader claws

- with supporting plate
- centre plate for plug-in fixing
- with spreader claws



DESIGN	ORDER NO.	PU
Berker Serie 1930/Glas		
polar white glossy	**6710 09 20**	10
black glossy	**6710 09 21**	10

Cable outlet



Cable outlet with low installation depth

- space-saving for relays, etc.
- for lines dia. max. 9 mm
- with strain relief
- without terminal block

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for cable outlet	1019 20 ..	168



DESIGN	ORDER NO.	PU
Cable outlet with low installation depth	**4468**	10



Centre plate for cable outlet

SUITABLE FOR	ORDER NO.	PAGE
Cable outlet with low installation depth		page 504

DESIGN	ORDER NO.	PU
Berker Serie 1930/Glas		
polar white glossy	**1037**	10
black glossy	**1037 01**	10
Berker Serie R.classic		
polar white glossy	**1019 20 89**	10
black glossy	**1019 20 45**	10



Mounting accessories



Spacer gland

Spacing enlargement 20 mm

Matches all boxes with SnapTunnel spouts of make Kaiser for combinations with:
- Full glass cover plates/glass frames of SERIE Glas
- Frames 1gang of SERIE 1930
- Full cover plates with toggle of SERIE R.classic.

■ for the new flush-mounted box generation from Kaiser

SUITABLE FOR	ORDER NO.	PAGE
Cover plate with toggle for rotary switch/ spring-return push-button	1001 20 ..	491
Glass cover plate for rotary switch/ spring-return push-button	1090	489
Glass frame 1gang	1091	516
Frame 1gang	1381 0 ..	510
Frame	1381 6 ..	510

DESIGN	ORDER NO.	PU
Berker Serie 1930/Glas/R.classic		
red	**1887**	100



B.
Berker

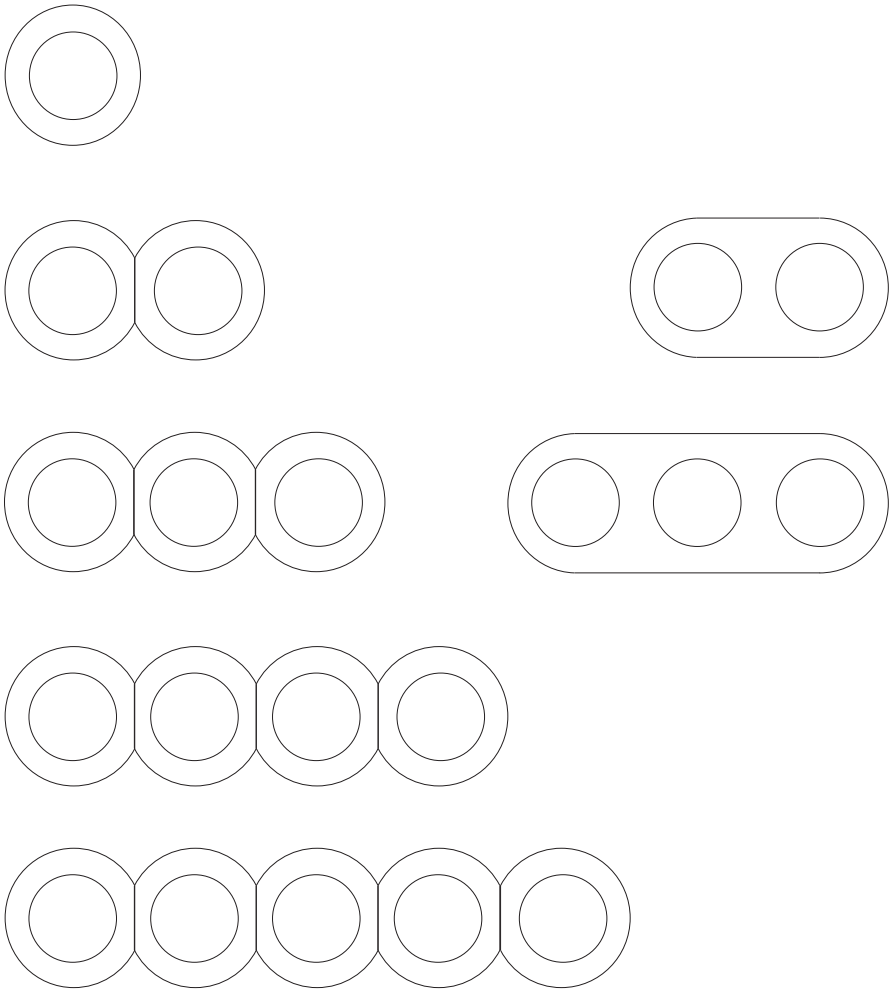
PORCELLAIN FRAMES	510
FRAMES	510-511
SURFACE MOUNTED FRAMES	511
SUPPLEMENTARY PRODUCTS	511

Berker and the Bauhaus are not only the same age (both were founded in 1919), but also share the same passion for pure shapes and pure functionality. Both qualities enthral clients and planners, even today. And because this is the case, the unmistakeably Bauhaus-inspected Berker Serie 1930 can be found, not just in timelessly classic buildings, but also in trendy locations, such as the "Casa Camper" in Berlin (see photo on left).

■ Available surfaces: glossy in polar white, black

Frame, 1gang
Ø 80 mm, 1gang

Frame, 2 to 5gang
W 151 mm x H 80 mm, 2gang
W 222 mm x H 80 mm, 3gang
W 293 mm x H 80 mm, 4gang
W 364 mm x H 80 mm, 5gang



PRODUCT EXAMPLES





FRAMES / COVER PLATES

Plastic, glossy
Polar white similar to RAL 9010
Black similar to RAL 8022

Porcelain, glossy
Polar white similar to RAL 9010

Black similar to RAL 8022

CENTRAL INSERTS

Plastic, glossy
Polar white similar to RAL 9010
Black similar to RAL 8022







DESIGNPREIS 2009 NOMINIERT

GOOD DESIGN

DESIGN PLUS

PORCELLAIN FRAMES



Frame

Caution!In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

For integration of additional functions (e.g. socket outlet, rotary dimmer), the porcelain frame can be combined with all Serie 1930 centre inserts made of plastic.

- of porcelain
- for single mounting

SUITABLE FOR	ORDER NO.	PAGE
optional		
Spacer gland	1887	505

i 958

DESIGN	ORDER NO.	PU
porcelain, polar white glossy	**1381 69**	1
porcelain, black glossy	**1381 65**	1

FRAMES

- Due to the diameter of the cover frame, the universal flush-mounted boxes must be placed precisely.



Frame 1gang

Caution!In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

- for single mounting

SUITABLE FOR	ORDER NO.	PAGE
optional		
Spacer gland	1887	505

i 958

DESIGN	ORDER NO.	PU
polar white glossy	**1381 09**	10
black glossy	**1381 01**	10



Centre frame

Combinations are only to be installed in simple combi boxes.

- for combination mounting

i 958

DESIGN	ORDER NO.	PU
polar white glossy	**1381 59**	10
black glossy	**1381 51**	10



End frame

Combinations are only to be installed in simple combi boxes.

- for combination mounting

i 958

DESIGN	ORDER NO.	PU
polar white glossy	**1381 49**	10
black glossy	**1381 41**	10



Frame 2gang

- for vertical and horizontal mounting

i 958

DESIGN	ORDER NO.	PU
polar white glossy	**1381 29**	2
black glossy	**1381 21**	2



Frame 3gang

- for vertical and horizontal mounting

i 958

DESIGN	ORDER NO.	PU
polar white glossy	**1381 39**	2
black glossy	**1381 31**	2

SURFACE-MOUNTED FRAMES



Frame 1gang surface-mounted

Insertion depth 33.5 mm

- with cable and duct entry

SUITABLE FOR	ORDER NO.	PAGE
optional SUPPLEMENTARY PRODUCTS		page 511

DESIGN	ORDER NO.	PU
polar white glossy	**1001 09**	10
black glossy	**1001 01**	10



Base plate 1gang, self-extinguishing

- with imprint
- for mounting on combustible base surface

SUITABLE FOR	ORDER NO.	PAGE
Frame 1gang surface-mounted	1001 0 ..	511

DESIGN	ORDER NO.	PU
polar white	**1331 19**	10
black	**1331 11**	10

SUPPLEMENTARY PRODUCTS



Connector for multiple combinations

Also suitable for units of the surface-mounted range.

- to combine surface-mounted devices

SUITABLE FOR	ORDER NO.	PAGE
Frame 1gang surface-mounted	1001 0 ..	511

DESIGN	ORDER NO.	PU
polar white	**1823 09**	10
black	**1823 05**	10



Wire and duct entry

Also suitable for surface-mounted frames and housings from the flush-mounted ranges.

- for wire or 15 x 15 mm cable duct

SUITABLE FOR	ORDER NO.	PAGE
Frame 1gang surface-mounted	1001 0 ..	511

DESIGN	ORDER NO.	PU
polar white	**1813 09**	10
black	**1813 05**	10



Tube entry

Distance from wall to centre of pipe 16 mm

Also suitable for surface-mounted frames and housings from the flush-mounted ranges.

Suitable tubes for surface-mounted installation can be purchased at www.fraenkische-elektro.de.

- for tubes with coupling dia. 20.5 mm (PG 13.5) and M20
- for tubes with Ø 15.2 mm (PG 9) and M16

SUITABLE FOR	ORDER NO.	PAGE
Frame 1gang surface-mounted	1001 0 ..	511

DESIGN	ORDER NO.	PU
polar white	**1817 09**	10
black	**1817 05**	10



B.
Berker

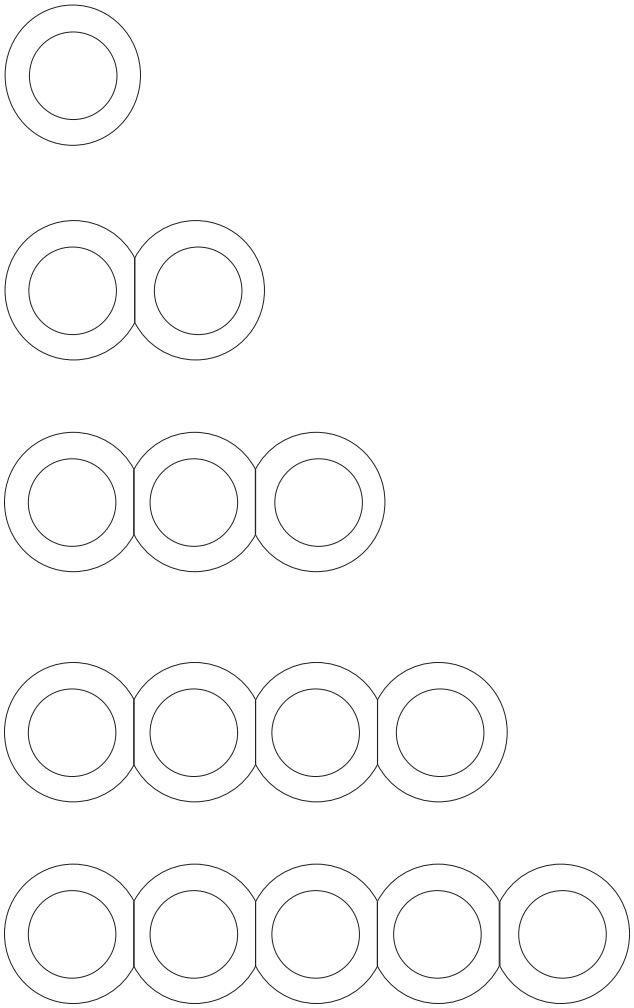
FRAMES 516

Simplicity. Attractive shape. Design elegance, produced by the function: all these qualities can be found at their zenith in the Berker Glass series, inspired by the styles of the Bauhaus.

- Fits into both older buildings and modern living spaces
- At home in any classical and modern architecture
- Switch foot made of real, clear glass

Frame, 1gang
Ø 80 mm, 1gang

Frame, 2 to 5gang
W 151 mm x H 80 mm, 2gang
W 222 mm x H 80 mm, 3gang
W 293 mm x H 80 mm, 4gang
W 364 mm x H 80 mm, 5gang



PRODUCT EXAMPLES





FRAMES / COVER PLATES

Glass, clear

CENTRAL INSERTS

Plastic, glossy

Polar white	similar to RAL 9010
Black	similar to RAL 8022



FRAMES

- Due to the diameter of the cover frame, the universal flush-mounted boxes must be placed precisely.



Glass frame 1gang

Caution!In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

- toughened glass
- for single mounting
- with polar white plastic base

SUITABLE FOR	ORDER NO.	PAGE
optional		
Spacer gland	1887	505

i 958

DESIGN	ORDER NO.	PU
clear glossy	**1091**	10



Glass centre frame

Combinations are only to be installed in simple combi boxes.

- toughened glass
- for combination mounting
- with polar white plastic base

i 958

DESIGN	ORDER NO.	PU
clear glossy	**1093 00**	10



Glass end frame

Combinations are only to be installed in simple combi boxes.

- toughened glass
- for combination mounting
- with polar white plastic base

i 958

DESIGN	ORDER NO.	PU
clear glossy	**1092 00**	10



Glass frame 2gang

- toughened glass
- for vertical and horizontal mounting
- with polar white plastic base

i 958

DESIGN	ORDER NO.	PU
clear glossy	**1102**	2


GAIET

FRAMES 522-523

Can a switch awaken feelings? No switch has probably ever answered this question as emotionally as the Berker R.classic series. With its attractive, round shape, four high-quality material variants and sleek rotary toggle, it guarantees a great feeling: excitement.

- Contempary development of the Berker Serie 1930
- High-quality surface material: plastic in polar white/black (glass, aluminium or stainless steel of 3 mm thickness)
- Basic support made of 7 mm-thick plastic
- A new feature: frameless switches

German Design Award NOMINEE 2013

GOOD DESIGN

product design award 2013

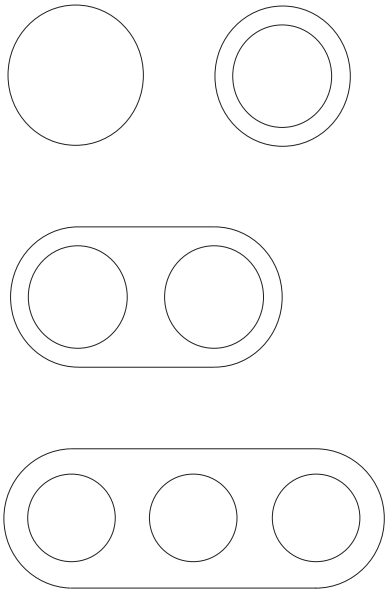
product design award 2013 GOLD

reddot design award winner 2013

Frame, 1gang
Ø 80.7 mm, 1gang

Frame, 2 to 5gang
W 151.7 mm x H 80.7 mm, 2gang
W 222.7 mm x H 80.7 mm, 3gang
W 293.7 mm x H 80.7 mm, 4gang
W 364.7 mm x H 80.7 mm, 5gang

Frame 2 to 5gang, vertical
H 151.7 mm x W 80.7 mm, 2gang
H 222.7 mm x W 80.7 mm, 3gang
H 293.7 mm x W 80.7 mm, 4gang
H 364.7 mm x W 80.7 mm, 5gang



PRODUCT EXAMPLES







FRAME

Plastic, glossy

Polar white	similar to RAL 9010
Black	similar to RAL 9005

Glass

Polar white	similar to RAL 9010
Black	similar to RAL 9005

Metal

Aluminium, natural anodised
Stainless steel, matt finish

COVERS / CENTRAL INSERTS

Plastic, glossy

Polar white	similar to RAL 9010
Black	similar to RAL 9005



FRAMES



Frame

- for vertical and horizontal mounting

i 958

DESIGN	ORDER NO.	PU
polar white glossy, 1gang	**1011 20 89**	10
polar white glossy, 2gang	**1012 20 89**	2
polar white glossy, 3gang	**1013 20 89**	2



Frame

- for vertical and horizontal mounting

i 958

DESIGN	ORDER NO.	PU
black glossy, 1gang	**1011 20 45**	10
black glossy, 2gang	**1012 20 45**	2
black glossy, 3gang	**1013 20 45**	2



Frame

- for vertical and horizontal mounting

i 958

DESIGN	ORDER NO.	PU
Aluminium/polar white, aluminium anodised, 1gang	**1011 20 74**	10
Aluminium/polar white, aluminium anodised, 2gang	**1012 20 74**	10
Aluminium/polar white, aluminium anodised, 3gang	**1013 20 74**	10



Frame

- for vertical and horizontal mounting

i 958

DESIGN	ORDER NO.	PU
Aluminium/black, aluminium anodised, 1gang	**1011 20 84**	10
Aluminium/black, aluminium anodised, 2gang	**1012 20 84**	10
Aluminium/black, aluminium anodised, 3gang	**1013 20 84**	10



Frame

- for vertical and horizontal mounting

i 958

DESIGN	ORDER NO.	PU
Stainless steel/polar white, metal matt finish, 1gang	**1011 20 14**	10
Stainless steel/polar white, metal matt finish, 2gang	**1012 20 14**	10
Stainless steel/polar white, metal matt finish, 3gang	**1013 20 14**	10



Frame

- for vertical and horizontal mounting

i 958

DESIGN	ORDER NO.	PU
Stainless steel/black, metal matt finish, 1gang	**1011 20 04**	10
Stainless steel/black, metal matt finish, 2gang	**1012 20 04**	10
Stainless steel/black, metal matt finish, 3gang	**1013 20 04**	10



Frame

- for vertical and horizontal mounting

i 958

DESIGN	ORDER NO.	PU
glass polar white, 1gang	**1011 20 09**	10
glass polar white, 2gang	**1012 20 09**	5
glass polar white, 3gang	**1013 20 09**	5



Frame

- for vertical and horizontal mounting

i 958

DESIGN	ORDER NO.	PU
glass black, 1gang	**1011 20 16**	10
glass black, 2gang	**1012 20 16**	5
glass black, 3gang	**1013 20 16**	5

BERKER B.IQ	PUSH-BUTTONS (WITH THERMOSTAT), IR PUSH-BUTTONS WITH THERMOSTAT, (PLASTIC, ALUMINIUM, STAINLESS STEEL, GLASS)	526-540
BERKER TS	COVER PLATES, PUSH-BUTTONS, TS CRYSTAL BALL, TS SENSOR	542-563
BERKER INTEGRO FLOW	SOCKETS, COVERS, CENTRAL INSERTS, FRAMES (PLASTIC)	564-590
BERKER MANUFAKTUR		592-597
FLUSH-MOUNTED WET-ROOM INSTALLATION	SEALS FOR FLUSH-MOUNTED SYSTEMS, COVERS K.1/K.5/Q.1/Q.3/R.1/R.3 ARSYS IP44, WG-UP IP44	598-624
SURFACE-MOUNTED WET-ROOM INSTALLATION	AQUATEC IP44, DIE-CAST IP44, ISO-PANZER IP44/IP66	626-666
DRY SURFACE-MOUNTED INSTALLATION	SURFACE-MOUNTED HOUSINGS FOR FLUSH-MOUNTED SYSTEMS, COVERS, COMPLETE DEVICES	668-677
CONNECTING SYSTEMS AND ACCESSORIES	ELECTRIC RANGE CONNECTION BOXES, CONNECTING DEVICES, ACCESSORY ARTICLES	678-685
RADIO BUS OPERATING SYSTEMS	WALL TRANSMITTERS, HAND-HELD TRANSMITTERS, PUSH-BUTTON SENSORS	686-716
BERKER.NET	SWITCHES, DIMMERS, TIME SWITCHES, MOTION DETECTORS, BLIND CONTROLLERS WALL TRANSMITTERS, HAND-HELD TRANSMITTERS	718-761
KNX OPERATING SYSTEMS	PUSH-BUTTON SENSORS, PUSH-BUTTONS, B.IQ, TS SENSOR, VISUALISATIONS	762-815
KNX SENSORS AND ACTUATORS	MOTION DETECTORS, TEMPERATURE CONTROLLERS, PHYSICAL SENSORS, INTERFACES, TIME SWITCHES, RMD ACTUATORS, FLUSH-MOUNTED ACTUATORS	816-851
KNX SYSTEM UNITS	SYSTEM COMPONENTS, INTERFACES GATEWAYS, ALARM SYSTEM	852-860
SECURITY AND SAFETY SYSTEMS	ALARM CENTRAL UNIT, SIRENS, SMOKE DETECTORS	862-874
TECHNICAL APPENDIX	TECHNICAL INFORMATION, LEGENDS, PRODUCT DIRECTORY	876-986

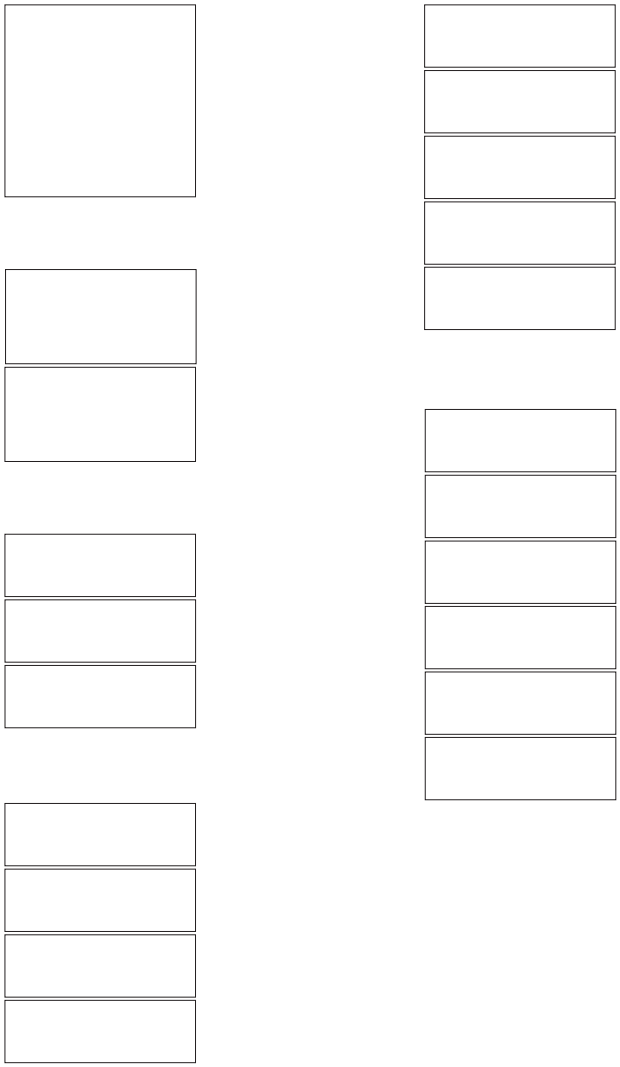


PUSH-BUTTONS 530-535
PUSH-BUTTON SENSORS WITH THERMOSTAT 536-537
IR PUSH-BUTTONS WITH THERMOSTAT 538-540
LABELLING FIELDS 540

A wide array of alternative materials and colours have been added to the convenient variety of KNX functionality of the Berker B.IQ.

- Frameless KNX push-button sensors with full-material rockers (glass, stainless steel and aluminium)
- High scope of functions in the KNX applications through to devices with integrated thermostats
- The attractive appearance is rounded off using white status LEDs and a blue operation LED.
- Suitable variants for all materials and colours of sockets in the Berker B.7 switch programme
  Available materials: plastic and glass in polar white, black and aluminium. Metal variants in aluminium and stainless steel

Dimensions
W 88.5 x H 88.5 mm, 1gang
W 88.5 x H 88.5 mm, 2gang
W 88.5 x H 88.5 mm, 3gang
W 88.5 x H 118.1 mm, 4gang
W 88.5 x H 118.1 mm, 4gang + RTR
W 88.5 x H 178.8 mm, 5gang + RTR







SURFACES

Plastic
Polar white similar to RAL 9010

Glass, glossy, print on the back
Polar white similar to RAL 9010
Black similar to RAL 9005

Metal
Aluminium
Stainless steel



PUSH-BUTTONS

- For switch, push-button, dimmer and shutter functions
- With 2 white status LEDs per rocker (labelling field illumination)
- Wth blue operation LED
- For installation in single standard wall boxes
- With dismantling protection
- For detailed information, in particular on the software functions, refer to the chapter “KNX operating systems”.

Push-buttons comfort



B.IQ push-button comfort

Operating temperature -5 ... +45 °C

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for plastic frames in the same “style” for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764
optional		
LABELLING FIELDS		page 540

i 957

DESIGN	ORDER NO.	PU
polar white matt, 1gang [1]	**7516 15 99**	1
polar white matt, 2gang [1]	**7516 25 99**	1
polar white matt, 3gang [1]	**7516 35 99**	1
polar white matt, 4gang [2]	**7516 45 99**	1

[1] dimensions (W x H): 88.5 x 88.5 mm
[2] dimensions (W x H): 88.5 x 118.1 mm



B.IQ push-button comfort

Operating temperature -5 ... +45 °C
Assembling height - metal, glass version 16.7 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for aluminium frames in the same “style” for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764
optional		
LABELLING FIELDS		page 540

i 957

DESIGN	ORDER NO.	PU
Aluminium, aluminium anodised, 1gang [1]	**7516 15 94**	1
Aluminium, aluminium anodised, 2gang [1]	**7516 25 94**	1
Aluminium, aluminium anodised, 3gang [1]	**7516 35 94**	1
Aluminium, aluminium anodised, 4gang [2]	**7516 45 94**	1

[1] dimensions (W x H): 88.5 x 88.5 mm
[2] dimensions (W x H): 88.5 x 118.1 mm



B.IQ push-button comfort

Operating temperature	-5 ... +45 °C
Assembling height - metal, glass version	16.7 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for stainless steel frames in the same “style” for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764
optional		
LABELLING FIELDS		page 540

i 957

DESIGN	ORDER NO.	PU
Stainless steel, metal brushed, 1gang [1]	**7516 15 93**	1
Stainless steel, metal brushed, 2gang [1]	**7516 25 93**	1
Stainless steel, metal brushed, 3gang [1]	**7516 35 93**	1
Stainless steel, metal brushed, 4gang [2]	**7516 45 93**	1

[1] dimensions (W x H): 88.5 x 88.5 mm
[2] dimensions (W x H): 88.5 x 118.1 mm



B.IQ push-button comfort

Operating temperature	-5 ... +45 °C
Assembling height - metal, glass version	16.7 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764
optional		
LABELLING FIELDS		page 540

i 957

DESIGN	ORDER NO.	PU
glass polar white, 1gang [1]	**7516 15 90**	1
glass polar white, 2gang [1]	**7516 25 90**	1
glass polar white, 3gang [1]	**7516 35 90**	1
glass polar white, 4gang [2]	**7516 45 90**	1

[1] dimensions (W x H): 88.5 x 88.5 mm
[2] dimensions (W x H): 88.5 x 118.1 mm



B.IQ push-button comfort

Operating temperature	-5 ... +45 °C
Assembling height - metal, glass version	16.7 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764
optional		
LABELLING FIELDS		page 540

i 957

DESIGN	ORDER NO.	PU
glass black, 1gang [1]	**7516 15 92**	1
glass black, 2gang [1]	**7516 25 92**	1
glass black, 3gang [1]	**7516 35 92**	1
glass black, 4gang [2]	**7516 45 92**	1

[1] dimensions (W x H): 88.5 x 88.5 mm
[2] dimensions (W x H): 88.5 x 118.1 mm

Push-buttons



B.IQ push-button

Operating temperature	-5 ... +45 °C

- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for plastic frames in the same “style” for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764
optional		
LABELLING FIELDS		page 540

i 957

DESIGN	ORDER NO.	PU
polar white matt, 1gang [1]	**7516 10 99**	1
polar white matt, 2gang [1]	**7516 20 99**	1
polar white matt, 3gang [1]	**7516 30 99**	1
polar white matt, 4gang [2]	**7516 40 99**	1

[1] dimensions (W x H): 88.5 x 88.5 mm
[2] dimensions (W x H): 88.5 x 118.1 mm



B.IQ push-button

Operating temperature	-5 ... +45 °C
Assembling height - metal, glass version	16.7 mm

- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for aluminium frames in the same “style” for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764
optional		
LABELLING FIELDS		page 540

i 957

DESIGN	ORDER NO.	PU
Aluminium, aluminium anodised, 1gang [1]	**7516 10 94**	1
Aluminium, aluminium anodised, 2gang [1]	**7516 20 94**	1
Aluminium, aluminium anodised, 3gang [1]	**7516 30 94**	1
Aluminium, aluminium anodised, 4gang [2]	**7516 40 94**	1

[1] dimensions (W x H): 88.5 x 88.5 mm
[2] dimensions (W x H): 88.5 x 118.1 mm



B.IQ push-button

Operating temperature	-5 ... +45 °C
Assembling height - metal, glass version	16.7 mm

- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for stainless steel frames in the same “style” for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764
optional		
LABELLING FIELDS		page 540

i 957

DESIGN	ORDER NO.	PU
Stainless steel, metal brushed, 1gang [1]	**7516 10 93**	1
Stainless steel, metal brushed, 2gang [1]	**7516 20 93**	1
Stainless steel, metal brushed, 3gang [1]	**7516 30 93**	1
Stainless steel, metal brushed, 4gang [2]	**7516 40 93**	1

[1] dimensions (W x H): 88.5 x 88.5 mm
[2] dimensions (W x H): 88.5 x 118.1 mm



B.IQ push-button

Operating temperature	-5 ... +45 °C
Assembling height - metal, glass version	16.7 mm

- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764
optional		
LABELLING FIELDS		page 540

i 957

DESIGN	ORDER NO.	PU
glass polar white, 1gang [1]	**7516 10 90**	1
glass polar white, 2gang [1]	**7516 20 90**	1
glass polar white, 3gang [1]	**7516 30 90**	1
glass polar white, 4gang [2]	**7516 40 90**	1

[1] dimensions (W x H): 88.5 x 88.5 mm
[2] dimensions (W x H): 88.5 x 118.1 mm



B.IQ push-button

Operating temperature	-5 ... +45 °C
Assembling height - metal, glass version	16.7 mm

- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

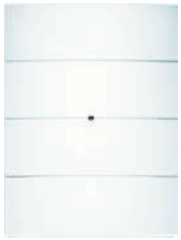
SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764
optional		
LABELLING FIELDS		page 540

i 957

DESIGN	ORDER NO.	PU
glass black, 1gang [1]	**7516 10 92**	1
glass black, 2gang [1]	**7516 20 92**	1
glass black, 3gang [1]	**7516 30 92**	1
glass black, 4gang [2]	**7516 40 92**	1

[1] dimensions (W x H): 88.5 x 88.5 mm
[2] dimensions (W x H): 88.5 x 118.1 mm

Light scenes push-buttons



B.IQ push-button 4gang for light scenes

Light scenes	max. 8
Operating temperature	-5 ... +45 °C
Dimensions (W x H)	88.5 x 118.1 mm

- retrieval, adjustment and storage of 8 light scenes
- light scene push-buttons can be cascaded
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for plastic frames in the same “style” for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764
optional		
B.IQ labelling field for push-buttons 4gang	7590 00 81	540

i 957

DESIGN	ORDER NO.	PU
polar white matt	**7516 86 99**	1



B.IQ push-button 4gang for light scenes

Light scenes	max. 8
Operating temperature	-5 ... +45 °C
Assembling height - metal, glass version	16.7 mm
Dimensions (W x H)	88.5 x 118.1 mm

- retrieval, adjustment and storage of 8 light scenes
- light scene push-buttons can be cascaded
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for aluminium frames in the same “style” for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764
optional		
B.IQ labelling field for push-buttons 4gang	7590 00 81	540

i 957

DESIGN	ORDER NO.	PU
Aluminium, aluminium anodised	**7516 86 94**	1



B.IQ push-button 4gang for light scenes

Light scenes	max. 8
Operating temperature	-5 ... +45 °C
Assembling height - metal, glass version	16.7 mm
Dimensions (W x H)	88.5 x 118.1 mm

- retrieval, adjustment and storage of 8 light scenes
- light scene push-buttons can be cascaded
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for stainless steel frames in the same “style” for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764
optional		
B.IQ labelling field for push-buttons 4gang	7590 00 81	540

i 957

DESIGN	ORDER NO.	PU
Stainless steel, metal brushed	**7516 86 93**	1



B.IQ push-button 4gang for light scenes

Light scenes	max. 8
Operating temperature	-5 ... +45 °C
Assembling height - metal, glass version	16.7 mm
Dimensions (W x H)	88.5 x 118.1 mm

- retrieval, adjustment and storage of 8 light scenes
- light scene push-buttons can be cascaded
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764
optional		
B.IQ labelling field for push-buttons 4gang	7590 00 81	540

i 957

DESIGN	ORDER NO.	PU
glass polar white	**7516 86 90**	1



B.IQ push-button 4gang for light scenes

Light scenes	max. 8
Operating temperature	-5 ... +45 °C
Assembling height - metal, glass version	16.7 mm
Dimensions (W x H)	88.5 x 118.1 mm

- retrieval, adjustment and storage of 8 light scenes
- light scene push-buttons can be cascaded
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764
optional		
B.IQ labelling field for push-buttons 4gang	7590 00 81	540

i 957

DESIGN	ORDER NO.	PU
glass black	**7516 86 92**	1

PUSH-BUTTON SENSORS WITH THERMOSTAT

- For switch, push-button, dimmer, blind and thermostat functions
- Single and two push-button operation parameterisable
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- With 2 white status LEDs per rocker (labelling field illumination)
- Wth blue operation LED
- For individual single room temperature control
- For heating and/or cooling mode with/without auxiliary step
- Operating modes: comfort, standby, night operation and frost/heat protection adjustable
- LC display with symbols and illumination, switchable via object
- With 2 additional function buttons for display control
- Display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- Temperature measurement via internal temperature sensor and/or external communication object (weighting ratio parameterisable)
- Provision of the internal temperature value via communication object
- For installation in single standard wall boxes
- With dismantling protection
- For detailed information, in particular on the software functions, refer to the chapter “KNX operating systems”.



Push-button with thermostat

- Display



Operating temperature -5 ... +45 °C

- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for plastic frames in the same “style” for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	802

optional

LABELLING FIELDS page 540

i 957

DESIGN	ORDER NO.	PU
polar white matt, 3gang [1]	**7566 35 99**	1
polar white matt, 4gang [2]	**7566 45 99**	1
polar white matt, 5gang [3]	**7566 55 99**	1

[1] dimensions (W x H): 88.5 x 119.6 mm
[2] dimensions (W x H): 88.5 x 149.2 mm
[3] dimensions (W x H): 88.5 x 178.8 mm



Push-button with thermostat

- Display



Operating temperature -5 ... +45 °C
Assembling height - metal, glass version 16.7 mm

- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for aluminium frames in the same “style” for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	802

optional

LABELLING FIELDS page 540

i 957

DESIGN	ORDER NO.	PU
Aluminium, aluminium anodised, 3gang [1]	**7566 35 94**	1
Aluminium, aluminium anodised, 4gang [2]	**7566 45 94**	1
Aluminium, aluminium anodised, 5gang [3]	**7566 55 94**	1

[1] dimensions (W x H): 88.5 x 119.6 mm
[2] dimensions (W x H): 88.5 x 149.2 mm
[3] dimensions (W x H): 88.5 x 178.8 mm



Push-button with thermostat

- Display



Operating temperature -5 ... +45 °C
Assembling height - metal, glass version 16.7 mm

- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for stainless steel frames in the same “style” for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	802
optional		
LABELLING FIELDS		page 540

i 957

DESIGN	ORDER NO.	PU
Stainless steel, metal brushed, 3gang [1]	**7566 35 93**	1
Stainless steel, metal brushed, 4gang [2]	**7566 45 93**	1
Stainless steel, metal brushed, 5gang [3]	**7566 55 93**	1

[1] dimensions (W x H): 88.5 x 119.6 mm
[2] dimensions (W x H): 88.5 x 149.2 mm
[3] dimensions (W x H): 88.5 x 178.8 mm



Push-button with thermostat

- Display



Operating temperature -5 ... +45 °C
Assembling height - metal, glass version 16.7 mm

- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	802
optional		
LABELLING FIELDS		page 540

i 957

DESIGN	ORDER NO.	PU
glass polar white, 3gang [1]	**7566 35 90**	1
glass polar white, 4gang [2]	**7566 45 90**	1
glass polar white, 5gang [3]	**7566 55 90**	1

[1] dimensions (W x H): 88.5 x 119.6 mm
[2] dimensions (W x H): 88.5 x 149.2 mm
[3] dimensions (W x H): 88.5 x 178.8 mm



Push-button with thermostat

- Display



Operating temperature -5 ... +45 °C
Assembling height - metal, glass version 16.7 mm

- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	802
optional		
LABELLING FIELDS		page 540

i 957

DESIGN	ORDER NO.	PU
glass black, 3gang [1]	**7566 35 92**	1
glass black, 4gang [2]	**7566 45 92**	1
glass black, 5gang [3]	**7566 55 92**	1

[1] dimensions (W x H): 88.5 x 119.6 mm
[2] dimensions (W x H): 88.5 x 149.2 mm
[3] dimensions (W x H): 88.5 x 178.8 mm

IR PUSH-BUTTONS WITH THERMOSTAT

- For switch, push-button, dimmer, blind and thermostat functions
- Single and two push-button operation parameterisable
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- With 2 white status LEDs per rocker (labelling field illumination)
- Wth blue operation LED
- For individual single room temperature control
- For heating and/or cooling mode with/without auxiliary step
- Operating modes: comfort, standby, night operation and frost/heat protection adjustable
- LC display with symbols and illumination, switchable via object
- With 2 additional function buttons for display control
- Display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- Temperature measurement via internal temperature sensor and/or external communication object (weighting ratio parameterisable)
- Provision of the internal temperature value via communication object
- For installation in single standard wall boxes
- With dismantling protection
- For detailed information, in particular on the software functions, refer to the chapter “KNX operating systems”.



IR push-button with thermostat

- Display



Operating temperature -5 ... +45 °C

- IR telegram with RC5 coding parameterisable per push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for plastic frames in the same “style” for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	802
optional		
LABELLING FIELDS		page 540
Hand-held transmitter for B.IQ IR push-button	2779	804

i 957

DESIGN	ORDER NO.	PU
polar white matt, 3gang [1]	**7566 36 99**	1
polar white matt, 4gang [2]	**7566 46 99**	1
polar white matt, 5gang [3]	**7566 56 99**	1

[1] dimensions (W x H): 88.5 x 128.6 mm
[2] dimensions (W x H): 88.5 x 158.2 mm
[3] dimensions (W x H): 88.5 x 187.8 mm



IR push-button with thermostat

- Display



Operating temperature -5 ... +45 °C
Assembling height - metal, glass version 16.7 mm

- IR telegram with RC5 coding parameterisable per push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for aluminium frames in the same “style” for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	802
optional		
LABELLING FIELDS		page 540
Hand-held transmitter for B.IQ IR push-button	2779	804

i 957

DESIGN	ORDER NO.	PU
Aluminium, aluminium anodised, 3gang [1]	**7566 36 94**	1
Aluminium, aluminium anodised, 4gang [2]	**7566 46 94**	1
Aluminium, aluminium anodised, 5gang [3]	**7566 56 94**	1

[1] dimensions (W x H): 88.5 x 128.6 mm
[2] dimensions (W x H): 88.5 x 158.2 mm
[3] dimensions (W x H): 88.5 x 187.8 mm



IR push-button with thermostat

- Display



Operating temperature -5 ... +45 °C
Assembling height - metal, glass version 16.7 mm

- IR telegram with RC5 coding parameterisable per push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for stainless steel frames in the same “style” for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	802
optional		
LABELLING FIELDS		page 540
Hand-held transmitter for B.IQ IR push-button	2779	804

i 957

DESIGN	ORDER NO.	PU
Stainless steel, metal brushed, 3gang [1]	**7566 36 93**	1
Stainless steel, metal brushed, 4gang [2]	**7566 46 93**	1
Stainless steel, metal brushed, 5gang [3]	**7566 56 93**	1

[1] dimensions (W x H): 88.5 x 128.6 mm
[2] dimensions (W x H): 88.5 x 158.2 mm
[3] dimensions (W x H): 88.5 x 187.8 mm



IR push-button with thermostat

- Display



Operating temperature -5 ... +45 °C
Assembling height - metal, glass version 16.7 mm

- IR telegram with RC5 coding parameterisable per push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	802
optional		
LABELLING FIELDS		page 540
Hand-held transmitter for B.IQ IR push-button	2779	804

i 957

DESIGN	ORDER NO.	PU
glass polar white, 3gang [1]	**7566 36 90**	1
glass polar white, 4gang [2]	**7566 46 90**	1
glass polar white, 5gang [3]	**7566 56 90**	1

[1] dimensions (W x H): 88.5 x 128.6 mm
[2] dimensions (W x H): 88.5 x 158.2 mm
[3] dimensions (W x H): 88.5 x 187.8 mm



IR push-button with thermostat

- Display



Operating temperature	-5 ... +45 °C
Assembling height - metal, glass version	16.7 mm

- IR telegram with RC5 coding parameterisable per push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

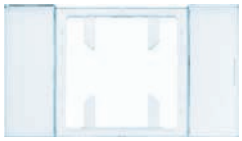
SUITABLE FOR	ORDER NO.	PAGE
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	802
optional		
LABELLING FIELDS		page 540
Hand-held transmitter for B.IQ IR push-button	2779	804

i 957

DESIGN	ORDER NO.	PU
glass black, 3gang [1]	**7566 36 92**	1
glass black, 4gang [2]	**7566 46 92**	1
glass black, 5gang [3]	**7566 56 92**	1

[1] dimensions (W x H): 88.5 x 128.6 mm
[2] dimensions (W x H): 88.5 x 158.2 mm
[3] dimensions (W x H): 88.5 x 187.8 mm

LABELLING FIELDS



B.IQ labelling field for push-buttons 1 to 3gang

Dimensions (W x H x D) 151.6 x 85 x 5.7 mm

- can be illuminated by status LED

i 957

DESIGN	ORDER NO.	PU
clear, transparent	**7590 00 80**	1



B.IQ labelling field for push-buttons 4gang

Dimensions (W x H x D) 151.6 x 114.6 x 5.7 mm

- can be illuminated by status LED

i 957

DESIGN	ORDER NO.	PU
clear, transparent	**7590 00 81**	1



B.IQ labelling field for push-buttons 5gang

Dimensions (W x H x D) 151.6 x 144.2 x 5.7 mm

- can be illuminated by status LED

i 957

DESIGN	ORDER NO.	PU
clear, transparent	**7590 00 82**	1



Berker

COVER PLATES	546-547
BERKER TS CRYSTAL BALL	548
SUPPLEMENTARY PRODUCTS	548-551

Behind its elegantly purist exterior, there is an unexpected wealth of technical options: the Berker TS allows operation, not only of multiple light sources, but, if so desired, also of intelligent building control systems, such as Berker KNX or Berker Radio Bus. With their fine platform and switching knobs MADE WITH SWAROVSKI ELEMENTS, the Berker TS Crystal lends refinement to any atmosphere.

- Suitable for installation bus systems and relay circuits with safety extra-low voltage
- Material: glass
- Crystalline variation of push-buttons MADE WITH SWAROVSKI ELEMENTS for the glass platform of the Berker TS
- Push-buttons available in 4 colours

reddot award

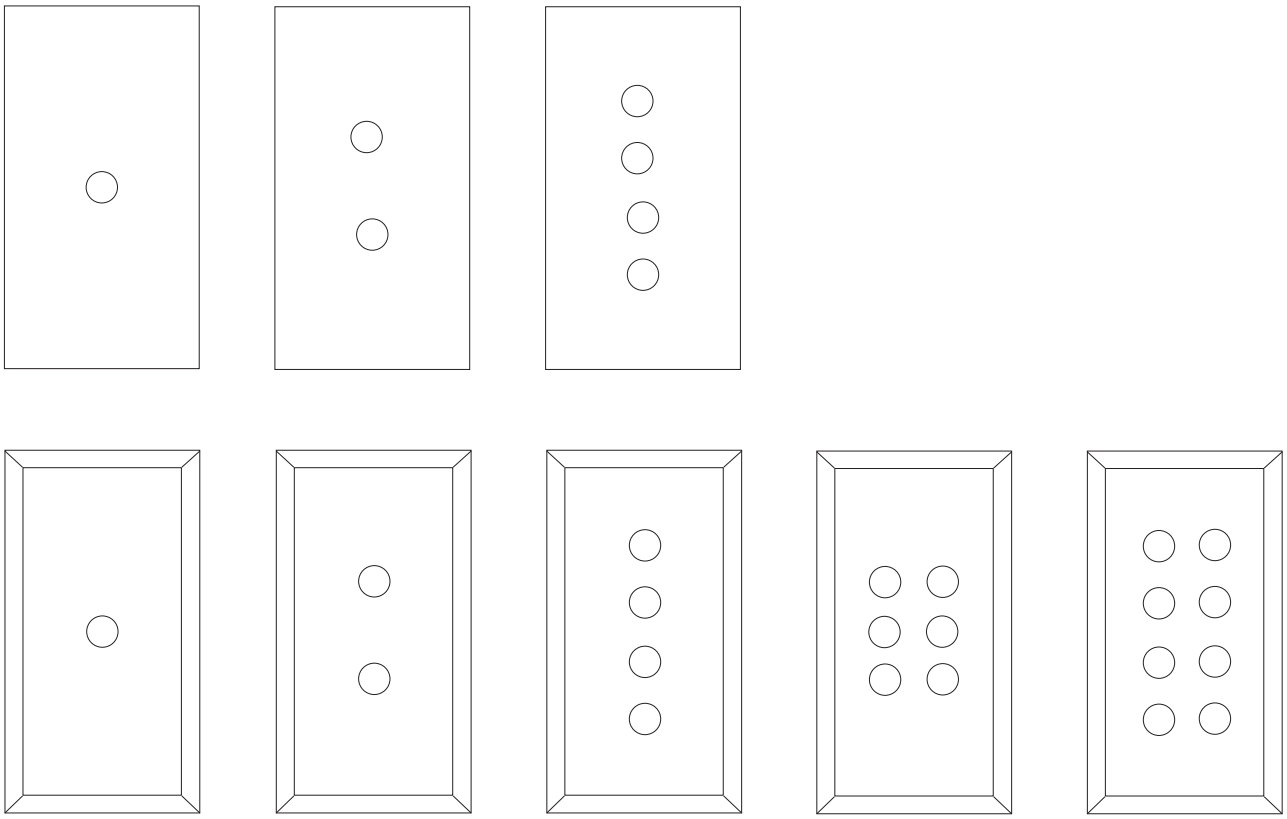
Extravagance not only becomes manifest in a grand gesture, but also in perfect detail. The Berker TS Crystal Ball is a particularly attractive way of switching light in a glamourous way. Switches MADE WITH SWAROVSKI ELEMENTS not only control the light, but also bundle it in the brilliant manner, typical for SWAROVSKI ELEMENTS.

- A glamorous eye-catcher in any exclusive environment
- Button made of multifaceted SWAROVSKI ELEMENT with capacitive sensor surface for inclusion in bus systems using push-button interfaces
- Requires only a gentle touch to switch

DESIGN PLUS

DESIGNPREIS 2009 NOMINIERT

Dimensions
W 86 x H 160 mm



PRODUCT EXAMPLES





SURFACES

Glass, glossy, imprint on backside
Polar white similar to RAL 9010

PUSH-BUTTON

Metal, brass, galvanised
chrome, glossy
gold, 24-carat, glossy
stainless steel, matt brushed nickel

DECOR PLATE (TS CRYSTAL BALL)

Glass, mirrored

SENSOR SURFACE

Glass, mirrored (Swarovski Circle)

COVER PLATES



Glass cover plate

Dimensions (W x H x D)	86 x 160 x 5 mm
Screw length	25 mm

Other components from the B.7 glass range are available, e.g. socket outlets. Observe scale drawings!

- glass with polar white imprint on the backside
- with polar white plastic base
- each with 2 M3.5 x 25 mm two-hole screws in chrome, gold and stainless steel for dismantling protection
- with screwdriver
- for vertical and horizontal mounting

SUITABLE FOR	ORDER NO.	PAGE
Berker TS Crystal		page 547
Push-button, NO contact	1811 1 ..	546
Wall box	1809	551
Wall box for installation in hollow walls	1824	551
optional		
Two-hole screws 2 x M3.5 x 50 mm	1895 1 ..	551

i 956

DESIGN	ORDER NO.	PU
clear glossy, 1gang	**1391**	1
clear glossy, 2gang	**1392**	1
clear glossy, 4gang	**1394**	1



Glass cover plate with facet

Dimensions (W x H x D)	86 x 160 x 5 mm
Screw length	25 mm

- with all-round facet
- with polar white plastic base
- each with 2 M3.5 x 25 mm two-hole screws in chrome, gold and stainless steel for dismantling protection
- with screwdriver
- for vertical and horizontal mounting

SUITABLE FOR	ORDER NO.	PAGE
Berker TS Crystal		page 547
Push-button, NO contact	1811 1 ..	546
Wall box	1809	551
Wall box for installation in hollow walls	1824	551
optional		
Two-hole screws 2 x M3.5 x 50 mm	1895 1 ..	551

i 956

DESIGN	ORDER NO.	PU
clear glossy, 1gang	**1311**	1
clear glossy, 2gang	**1321**	1
clear glossy, 4gang	**1341**	1
clear glossy, 6gang	**1366**	1
clear glossy, 8gang	**1388**	1



Push-button, NO contact

Rated voltage	24 V
Momentary-contact current	1.5 A
Operating temperature	-20 ... +60 °C
Insertion depth	13 mm

For connection via system interfaces to radio bus, KNX radio or KNX installations.

Alternatively, can be used to control relay circuits.

Only suitable for safety low voltages!

- brass, refined
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Universal interfaces		page 549
Binary inputs		page 550

i 956

DESIGN	ORDER NO.	PU
chrome glossy, brass galvanised	**1811 10**	10
gold glossy, 24-carat galvanised	**1811 12**	10
stainless steel matt, brushed nickel	**1811 13**	10

Berker TS Crystal



Push-button Crystal

Rated voltage	24 V
Momentary-contact current	1.5 A
Operating temperature	-20 ... +60 °C
Insertion depth	13 mm

- NO contact
- brass, refined
- with SWAROVSKI ELEMENTS
- with plug-in terminals

For connection via system interfaces to radio bus, KNX radio or KNX installations.

Alternatively, can be used to control relay circuits.

Only suitable for safety low voltages!

SUITABLE FOR	ORDER NO.	PAGE
optional		
Universal interfaces		page 549
Binary inputs		page 550

i 956



DESIGN	ORDER NO.	PU
chrome glossy	**1964 00 01**	1



Push-button Black Diamond

Rated voltage	24 V
Momentary-contact current	1.5 A
Operating temperature	-20 ... +60 °C
Insertion depth	13 mm

- NO contact
- brass, refined
- with SWAROVSKI ELEMENTS
- with plug-in terminals

For connection via system interfaces to radio bus, KNX radio or KNX installations.

Alternatively, can be used to control relay circuits.

Only suitable for safety low voltages!

SUITABLE FOR	ORDER NO.	PAGE
optional		
Universal interfaces		page 549
Binary inputs		page 550

i 956



DESIGN	ORDER NO.	PU
stainless steel matt	**1966 02 15**	1



Push-button Siam

Rated voltage	24 V
Momentary-contact current	1.5 A
Operating temperature	-20 ... +60 °C
Insertion depth	13 mm

- NO contact
- brass, refined
- with SWAROVSKI ELEMENTS
- with plug-in terminals

For connection via system interfaces to radio bus, KNX radio or KNX installations.

Alternatively, can be used to control relay circuits.

Only suitable for safety low voltages!

SUITABLE FOR	ORDER NO.	PAGE
optional		
Universal interfaces		page 549
Binary inputs		page 550

i 956



DESIGN	ORDER NO.	PU
gold glossy	**1965 02 08**	1



Push-button Topaz

Rated voltage	24 V
Momentary-contact current	1.5 A
Operating temperature	-20 ... +60 °C
Insertion depth	13 mm

- NO contact
- brass, refined
- with SWAROVSKI ELEMENTS
- with plug-in terminals

For connection via system interfaces to radio bus, KNX radio or KNX installations.

Alternatively, can be used to control relay circuits.

Only suitable for safety low voltages!

SUITABLE FOR	ORDER NO.	PAGE
optional		
Universal interfaces		page 549
Binary inputs		page 550

i 956



DESIGN	ORDER NO.	PU
gold glossy	**1965 02 03**	1

BERKER TS CRYSTAL BALL



Crystal Ball

Operating voltage	8 ... 30 V=
Current consumption (operation)	≈ 18.3 mA
Current consumption (idle)	≈ 4.3 mA
Switching voltage	max. 30 V
Momentary-contact current	10 mA
Surface adjustment	20 mm
Dimensions (W x H x D)	86 x 160 x 5 mm

Separate 24 V DC auxiliary power supply needed!

- one push-button operation for switching, pushing, shutters and dimming
- operation by gently touching the Crystal Ball
- with SWAROVSKI ELEMENTS
- with adapter ring for dismantling protection and shadow gap formation
- with disassembly suction tool
- NO contact
- with screw terminals

KNX APPLICATIONS:

- for parameterisable functions, see universal interface, 2gang, flush-mounted
- operation with non-choked output of KNX voltage supply possible (pay attention to current consumption)

RADIO BUS APPLICATIONS:

- for settable functions, see the radio push-button interface
- for mounting, always use a 2gang wall box, order no. 1870

KNX RADIO APPLICATIONS:

- for settable functions see KNX radio binary input

SUITABLE FOR	ORDER NO.	PAGE
Electrical power supply 24 V DC RMD	7591 00 03 ..	854
Wall box 2gang	1870	551
optional		
Radio button interface 4gang flush-mounted	126	548
KNX radio binary input 2gang flush-mounted	8587 61 00	550
Universal interface 2gang flush-mounted	7564 20 01	549

DESIGN	ORDER NO.	PU
glass clear, mirrored	**1685 78**	1

SUPPLEMENTARY PRODUCTS



Radio button interface 4gang flush-mounted

Operating voltage	3 V=
Contact cleaner power pulse current	3 mA
Radio transmission range (free field)	max. 100 m
Line length	≈ 290 mm
Cable length extendable to	max. 5 m
Dimensions (Ø x H)	38 x 10 mm
Battery service life [years]	≈ 3

For battery-operated radio remote control of all assigned radio bus receivers.

- function setting by 5 DIP-switches
- functions: 1- and 2-push-button operation for switching and dimming, shutter control, light scenes,
- with red transmit and battery status LED
- each channel can be assigned to any number of radio receivers
- pre-assembled, with 4 cable pairs and plug
- to connect to max. 4 potential-free contacts
- with lithium coin cell battery 3 V type: CR 2032

SUITABLE FOR	ORDER NO.	PAGE
Glass sensors		page 560
Berker TS Crystal		page 547
Push-button, NO contact	1811 1 ..	546
Crystal Ball	1685 78	548
Adapter for KNX and relay	7590 00 32	562
replacement		
Lithium coin cell battery 3 V	1857	551

i 933

DESIGN		ORDER NO.	PU
grey matt	#	**126**	1

Universal interfaces

- Extension unit for light scene push-button
- Bus connection via connecting terminal
- For the connection of detectors, sensors, key switches and bolt switch contacts to the KNX alarm central unit
- With programming button and red programming LED
- Single and two push-button operation parameterisable



Universal interface 2gang flush-mounted

Operating voltage over bus	21 ... 32 V=
Input scanning voltage	per channel 5 V
Output current per channel	max. 0.8 mA
Operating temperature	-5 ... +45 °C
Line length	≈ 250 mm
Cable length extendable to	max. 5 m
Dimensions (L x W x H)	43 x 28.5 x 15.5 mm

- for impulse counter function, input 2 is required for the synchronising signal
- functions: impulse counter or switch counter for input 1
- for switch, push-button, dimmer and shutter functions
- 2 binary inputs, 2 outputs or 1 binary input and 1 output parameterisable
- with 2 independent binary inputs for potential-free contacts
- outputs for LEDs, e.g. as status LED
- one push-button operation for switching, pushing, shutters and dimming
- blind operating concepts short-long-short and long-short parameterisable
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

SUITABLE FOR	ORDER NO.	PAGE
Glass sensors		page 560
Berker TS Crystal		page 547
Push-button, NO contact	1811 1 ..	546
Crystal Ball	1685 78	548
Adapter for KNX and relay	7590 00 32	562

DESIGN	ORDER NO.	PU
light grey	**7564 20 01**	1



Universal interface 4gang flush-mounted

Operating voltage over bus	21 ... 32 V=
Input scanning voltage	per channel 5 V
Output current for channel 1 and channel 2	max. 0.8 mA
Operating temperature	-5 ... +45 °C
Line length	≈ 250 mm
Cable length extendable to	max. 5 m
Dimensions (L x W x H)	43 x 28.5 x 15.5 mm

- for impulse counter function, inputs 3 and 4 are required for the synchronising signal
- functions: impulse counter or switch counter for inputs 1 and 2
- for switch, push-button, dimmer and shutter functions
- 4 binary inputs or 2-3 binary inputs and 1-2 outputs parameterisable
- with 4 independent binary inputs for potential-free contacts
- outputs for LEDs, e.g. as status LED
- one push-button operation for switching, pushing, shutters and dimming
- blind operating concepts short-long-short and long-short parameterisable
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

SUITABLE FOR	ORDER NO.	PAGE
Glass sensors		page 560
Berker TS Crystal		page 547
Push-button, NO contact	1811 1 ..	546
Adapter for KNX and relay	7590 00 32	562

DESIGN	ORDER NO.	PU
light grey	**7564 40 01**	1



Universal interface 8gang flush-mounted

Operating voltage over bus	21 ... 32 V=
Input scanning voltage	per channel 20 V
Output current per channel	max. 0.8 mA
Operating temperature	-5 ... +45 °C
Line length	max. 10 m
Dimensions (W x H x D)	44 x 48 x 32 mm

- for switch, push-button, dimmer and shutter functions
- 8 binary inputs, 8 outputs or 4 binary inputs and 4 outputs parameterisable
- with 8 independent binary inputs for potential-free contacts
- outputs for LEDs, e.g. as status LED
- one push-button operation for switching, pushing and dimming
- blind operating concepts short-long-short and long-short parameterisable
- second operating level by object or 3-button handle (only 8-input application)
- dimming / position value transmitter 1 byte
- short-circuit and overload proof (electronic fuse)
- protected against polarity reversal
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Glass sensors		page 560
Berker TS Crystal		page 547
Push-button, NO contact	1811 1 ..	546
Adapter for KNX and relay	7590 00 32	562
Bolt switch contact	9107	873

DESIGN	ORDER NO.	PU
black	**7564 80 01**	1

Binary inputs



KNX radio binary input 2gang flush-mounted

Operating voltage	3 V=
Number of radio channels	2
Radio transmission power	< 10 mW
Radio transmission frequency	868.3 MHz
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Number of quicklink links	max. 20 transmitter/receiver
Operating temperature	-5 ... +45 °C
Line length	20 cm
Dimensions (Ø x H)	51 x 16 mm
Battery service life [years]	≈ 5
Radio protocol	KNX Radio
Input scanning voltage	per channel 5 V

- ETS additional functions: +6 scenes, operating mode on/off, 1 up/down button control, push-button, 2 x alarm, status display
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory, forced control, up/down push-button
- reset function (to factory setting)
- toolless quicklink configuration using buttons and LED display
- with configuration button
- with configuration LED
- activation, for example through switches, push-buttons, timers, blind timer switches, magnetic contact
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- not dependent on mains power
- with 2 independent battery-supplied binary inputs for potential-free contacts
- confectioned, with 4-core cable
- for installation behind flush-mounted inserts
- with lithium battery 3 V type: CR 1/2 AA
- low intrinsic energy requirement

SUITABLE FOR	ORDER NO.	PAGE
Berker TS Crystal		page 547
Push-button, NO contact	1811 1 ..	546
Crystal Ball	1685 78	548

DESIGN	ORDER NO.	PU
light grey	**8587 61 00**	1



KNX binary input 6gang RMD 24 V AC/DC

Operating voltage over bus	21 ... 32 V=
Signal voltage	8 ... 42 V~/=
Signal frequency	50/60 Hz
Signal current	4 mA
Signal duration	200 ms ... 100 % ED
Operating temperature	-5 ... +45 °C
Input cable length	max. 100 m
Assembling height as from DIN rail	58 mm
Width of rail mounted device (RMD)	2 TE
Dimensions (W x H x D)	36 x 90 x 65 mm

External power supply 24 V necessary!

Detects the presence of or change in a voltage level at its inputs and, depending on the chosen application, sends telegrams over the KNX.

- with 6 independent binary inputs with 2 GND connections
- with 6 yellow status LEDs for input states
- with programming button and red programming LED
- bus connection via connecting terminal
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Berker TS Crystal		page 547
Push-button, NO contact	1811 1 ..	546

DESIGN	ORDER NO.	PU
light grey	**7521 60 01**	1

Wall boxes



Wall box

- plastic

SUITABLE FOR	ORDER NO.	PAGE
Glass cover plate		page 546
Glass cover plate with facet		page 546

i 956

DESIGN	ORDER NO.	PU
Wall box	**1809**	50
Wall box for installation in hollow walls	**1824**	50



Wall box 2gang

Dimensions (W x H x D)	68 x 139 x 75 mm
Cut hole Ø	2 x 68 mm
Cut hole pitch	71 mm

- flush wall-mounting or with adapter ring
- for flush mounting and hollow-wall mounting

SUITABLE FOR	ORDER NO.	PAGE
Glass sensors		page 560
Crystal Ball	1685 78	548

i 957

DESIGN	ORDER NO.	PU
Wall box 2gang	**1870**	1

Accessories



Two-hole screws 2 x M3.5 x 50 mm

- brass, refined
- 2 pieces for fixing in deeper seated boxes

DESIGN	ORDER NO.	PU
chrome glossy, brass galvanised	**1895 10**	1
gold glossy, 24-carat galvanised	**1895 12**	1
stainless steel matt, brushed nickel	**1895 13**	1



Lithium coin cell battery 3 V

Output voltage	3 V=
Charging capacity	0.18 Ah

- type: CR 2032
- 2 pcs. for replacement

SUITABLE FOR	ORDER NO.	PAGE
Radio wall transmitter insert	2764 ..	692
Radio button interface 4gang flush-mounted	126	548

DESIGN	ORDER NO.	PU
Lithium coin cell battery 3 V	**1857**	10



GLASS SENSORS 556-562
SUPPLEMENTARY PRODUCTS 562-563

Understatement is an art, and the Berker TS Sensor makes it perfect. Up to eight functions are concealed under a pure surface that is practically flush with the wall, and can be custom-labelled on request. A single touch is all it takes to control lights, heating or blinds. In this way, the Berker TS sensor can offer an exciting variety of possibilities – and, at the same time, still seems as calm as possible.

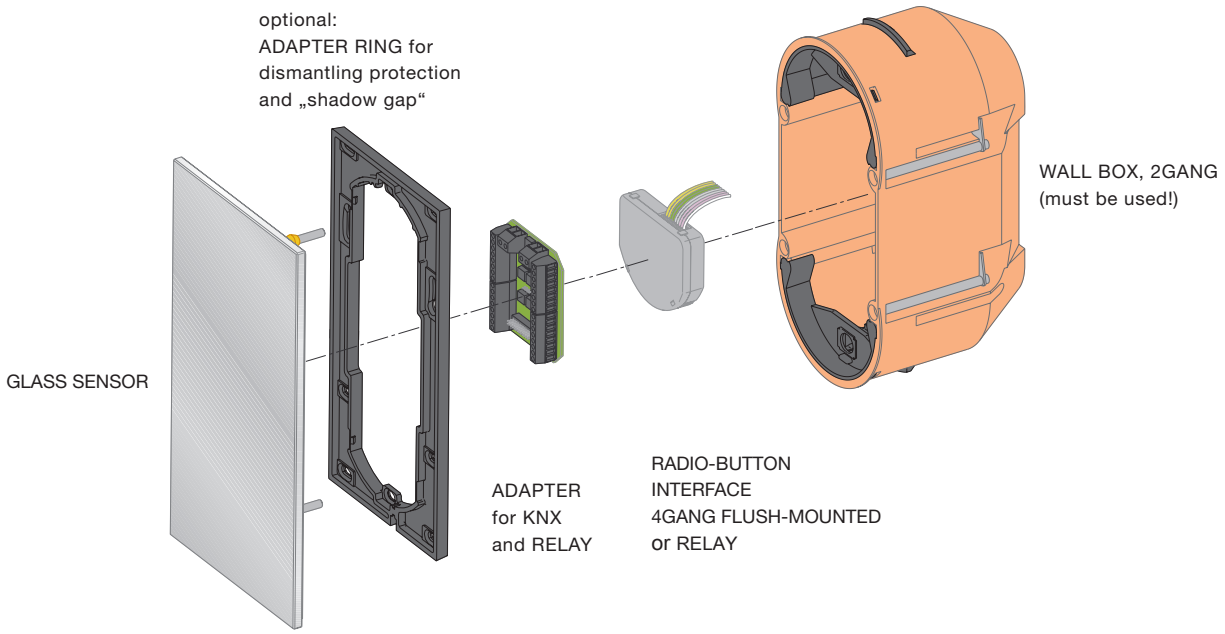
Besides the KNX TS sensor with thermostat, a KNX TS sensor is now available with bus coupling unit.

- Suitable for installation bus systems and relay circuits
- Electronics are positioned directly on the back of the glass plate for exceptional switching reliability
- Super-flat design enables on-the-wall installation
- LEDs can be used to show readiness for operation and to display switching states
- Completely smooth surface made possible by screw-free fastening
- Labelling on the back for perfect protection

Design and labelling concept in three variants
- Standard: delivered without labelling and symbols
- Customised: pre-defined symbols, colours and labelling can be selected via Web Configurator; for further information, see www.berker.de
  Note: configuration cannot be changed once the order has been placed
- Manufacture: individual design with free selection of fonts, colours and symbols.
  Contact your Berker sales representative for more information.

MOUNTING

Glass sensors are snapped in place on a wall box, 2gang, for glass sensor using adjustable retaining pins in such a way that the glass sensors are seated almost on the wall. The supplied adapter ring provides dismantling protection and gives the glass plate shadow contours. Installation depth or unevenness of the wall can be compensated to 20 mm via the adjustable retaining tabs.



CONNECTION

The glass sensor is connected to the interfaces of the respective systems via an adapter using a ribbon cable (see information for ordering and use). The separate power supply must be connected to the respective adapter.



CONNECTION

The glass sensor with thermostat and the glass sensor comfort are connected directly to the KNX bus and separate power supply using the connecting terminals located on the back.

DISMANTLING

To pull glass sensors out of the clamp springs of the wall box, use the supplied dismantling aid with suction cups.



SURFACES

Glass, glossy, print on the back

Polar white	similar to RAL 9010
Black	similar to RAL 9005
Aluminium	similar to RAL 9006

PRODUCT EXAMPLES



GLASS SENSORS

Glass sensors comfort

- With integral bus coupling unit
- Operation by gently touching the sensor surfaces on the white LEDs
- For switch, push-button, dimmer and shutter functions
- Single and two push-button operation parameterisable
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- Retrieval, setting and storing of 8 light scenes
- Integrated temperature sensor
- Temperature measurement via internal and/or external temperature sensor with mean value formation
- Additional connection for external temperature sensor
- Usable as thermostat extension unit
- Provision of the internal temperature value via communication object
- Blocking function for sensor surface e.g. for cleaning the glass surface
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- Bus connection via connecting terminal
- For vertical mounting
- For mounting, always use the flat 2gang wall box, order no. 1871
- With adapter ring for dismantling protection, shadow jointing and special installation conditions
- With disassembly suction tool
- many options for labelling (text and/or symbols) are available via the **new web configurator** at www.berker.com
- For individually labelled glass and touch sensors (configured variations), the new Web Configurator generates a layout number, which must be additionally specified when placing the order.



Glass sensor 1gang comfort

- integrated bus coupling unit

Operating voltage	21 ... 32 V=
Current consumption	12.5 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	86 x 160 x 5.7 mm

Only suitable for KNX.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- with blue operation LED and 2 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Wall box 2gang flat	1871	563
optional		
Temperature sensor	161	145

i 957

DESIGN	ORDER NO.	PU
Berker TS Sensor		
glass polar white	**7514 18 30**	1
glass black	**7514 18 35**	1
glass aluminium	**7514 10 34**	1
Berker TS Sensor - configured		
glass polar white	**7514 19 30**	1
glass black	**7514 19 35**	1
glass aluminium	**7514 11 34**	1



Glass sensor 2gang comfort

- integrated bus coupling unit

Operating voltage	21 ... 32 V=
Current consumption	12.5 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	86 x 160 x 5.7 mm

Only suitable for KNX.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- with blue operation LED and 4 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Wall box 2gang flat	1871	563
optional		
Temperature sensor	161	145

i 957

DESIGN	ORDER NO.	PU
Berker TS Sensor		
glass polar white	**7514 28 30**	1
glass black	**7514 28 35**	1
glass aluminium	**7514 20 34**	1
Berker TS Sensor - configured		
glass polar white	**7514 29 30**	1
glass black	**7514 29 35**	1
glass aluminium	**7514 21 34**	1



Glass sensor 3gang comfort

- integrated bus coupling unit

Operating voltage	21 ... 32 V=
Current consumption	12.5 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	86 x 160 x 5.7 mm

Only suitable for KNX.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- with blue operation LED and 6 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Wall box 2gang flat	1871	563
optional		
Temperature sensor	161	145

i 957

DESIGN	ORDER NO.	PU
Berker TS Sensor		
glass polar white	**7514 38 30**	1
glass black	**7514 38 35**	1
glass aluminium	**7514 30 34**	1
Berker TS Sensor - configured		
glass polar white	**7514 39 30**	1
glass black	**7514 39 35**	1
glass aluminium	**7514 31 34**	1



Glass sensor 4gang comfort

- integrated bus coupling unit

Operating voltage	21 ... 32 V=
Current consumption	12.5 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	86 x 160 x 5.7 mm

Only suitable for KNX.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- with blue operation LED and 8 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Wall box 2gang flat	1871	563
optional		
Temperature sensor	161	145

i 957

DESIGN	ORDER NO.	PU
Berker TS Sensor		
glass polar white	**7514 48 30**	1
glass black	**7514 48 35**	1
glass aluminium	**7514 40 34**	1
Berker TS Sensor - configured		
glass polar white	**7514 49 30**	1
glass black	**7514 49 35**	1
glass aluminium	**7514 41 34**	1

Glass sensors with thermostat

- With integral bus coupling unit
- Operation by gently touching the sensor surfaces on the white LEDs
- For switch, push-button, dimmer, blind and thermostat functions
- Single and two push-button operation parameterisable
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- Retrieval, setting and storing of 8 light scenes
- For heating and/or cooling mode with/without auxiliary step
- Controller operating modes: comfort, standby, night and frost/heat protection mode
- LED display with symbol display
- With 2 additional sensor surfaces for display control
- Display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- Integrated temperature sensor
- Temperature measurement via internal and/or external temperature sensor with mean value formation
- Additional connection for external temperature sensor
- Usable as thermostat extension unit
- Temperature control via local measurement or measured value via object
- Blocking function for sensor surface e.g. for cleaning the glass surface
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- Separate auxiliary power supply needed
- Operation with non-choked output of KNX voltage supply possible (pay attention to current consumption)
- Bus connection via connecting terminal
- For vertical mounting
- For mounting, always use the flat 2gang wall box, order no. 1871
- With adapter ring for dismantling protection and shadow gap formation
- With disassembly suction tool
- many options for labelling (text and/or symbols) are available via the **new web configurator** at www.berker.com
- For individually labelled glass and touch sensors (configured variations), the new Web Configurator generates a layout number, which must be additionally specified when placing the order.



Glass sensor 2gang with thermostat

- integrated bus coupling unit

Operating voltage	21 ... 32 V=
Current consumption	23 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	86 x 160 x 5.7 mm

Only suitable for KNX.

- with blue operation LED and 4 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Wall box 2gang flat	1871	563
Electrical power supply 24 V DC RMD	7591 00 03	854
optional		
Temperature sensor	161	145

i 957

DESIGN	ORDER NO.	PU
Berker TS Sensor		
glass polar white	**7564 20 30**	1
glass black	**7564 20 35**	1
glass aluminium	**7564 20 34**	1
Berker TS Sensor - configured		
glass polar white	**7564 21 30**	1
glass black	**7564 21 35**	1
glass aluminium	**7564 21 34**	1



Glass sensor 3gang with thermostat

- integrated bus coupling unit

Operating voltage	21 ... 32 V=
Current consumption	23 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	86 x 160 x 5.7 mm

Only suitable for KNX.

- with blue operation LED and 6 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Wall box 2gang flat	1871	563
Electrical power supply 24 V DC RMD	7591 00 03	854
optional		
Temperature sensor	161	145

i 957

DESIGN	ORDER NO.	PU
Berker TS Sensor		
glass polar white	**7564 30 30**	1
glass black	**7564 30 35**	1
glass aluminium	**7564 30 34**	1
Berker TS Sensor - configured		
glass polar white	**7564 31 30**	1
glass black	**7564 31 35**	1
glass aluminium	**7564 31 34**	1

Glass sensors

- Operation by gently touching the sensor surfaces on the white LEDs
- For vertical mounting
- With adapter ring for dismantling protection, shadow jointing and special installation conditions
- With disassembly suction tool
- many options for labelling (text and/or symbols) are available via the **new web configurator** at www.berker.com
- For individually labelled glass and touch sensors (configured variations), the new Web Configurator generates a layout number, which must be additionally specified when placing the order.



Glass sensor 1gang

Operating voltage	8 ... 30 V=
LED input voltage	max. 5 V=
Switching voltage	max. 30 V
LED input current	max. 1 mA
Max. switching current	10 mA
Surface adjustment	20 mm
Dimensions (W x H x D)	86 x 160 x 5.7 mm

Separate 24 V DC auxiliary power supply needed!

- the blue LED can be set for Continuously ON or external activation
- white LEDs can be set for Sensor operation or external activation
- with one blue LED and 2 white LEDs, e.g. as orientation or control LEDs
- flush wall mounting possible with wall box, 2gang, order no. 1870

RADIO BUS APPLICATIONS:

- for settable functions, see the radio push-button interface
- wiring with adapter for KNX and relay

RELAY APPLICATIONS:

- wiring with adapter for KNX and relay

SUITABLE FOR	ORDER NO.	PAGE
Electrical power supply 24 V DC RMD	7591 00 03	854
Adapter for KNX and relay	7590 00 32	562
Wall box 2gang	1870	551
optional		
Radio button interface 4gang flush-mounted	126	548

i 957

DESIGN	ORDER NO.	PU
Berker TS Sensor		
glass polar white	**1681 00**	1
glass black	**1681 05**	1
glass aluminium	**1681 07**	1
Berker TS Sensor - configured		
glass polar white	**1691 00**	1
glass black	**1691 05**	1
glass aluminium	**1691 07**	1



Glass sensor 2gang

Operating voltage	8 ... 30 V=
LED input voltage	max. 5 V=
Switching voltage	max. 30 V
LED input current	max. 1 mA
Max. switching current	10 mA
Current consumption (operation)	≈ 26 mA
Surface adjustment	20 mm
Dimensions (W x H x D)	86 x 160 x 5.7 mm

Separate 24 V DC auxiliary power supply needed!

- the blue LED can be set for Continuously ON or external activation
- white LEDs can be set for Sensor operation or external activation
- with one blue LED and 4 white LEDs, e.g. as orientation or control LEDs
- flush wall mounting possible with wall box, 2gang, order no. 1870

RADIO BUS APPLICATIONS:

- for settable functions, see the radio push-button interface
- wiring with adapter for KNX and relay

RELAY APPLICATIONS:

- wiring with adapter for KNX and relay

SUITABLE FOR	ORDER NO.	PAGE
Electrical power supply 24 V DC RMD	7591 00 03	854
Adapter for KNX and relay	7590 00 32	562
Wall box 2gang	1870	551
optional		
Radio button interface 4gang flush-mounted	126	548

i 957

DESIGN	ORDER NO.	PU
Berker TS Sensor		
glass polar white	**1682 00**	1
glass black	**1682 05**	1
glass aluminium	**1682 07**	1
Berker TS Sensor - configured		
glass polar white	**1692 00**	1
glass black	**1692 05**	1
glass aluminium	**1692 07**	1



Glass sensor 3gang

Operating voltage	8 ... 30 V=
LED input voltage	max. 5 V=
Switching voltage	max. 30 V
LED input current	max. 1 mA
Max. switching current	10 mA
Current consumption (operation)	≈ 32 mA
Surface adjustment	20 mm
Dimensions (W x H x D)	86 x 160 x 5.7 mm

Separate 24 V DC auxiliary power supply needed!

- the blue LED can be set for Continuously ON or external activation
- white LEDs can be set for Sensor operation or external activation
- with one blue LED and 6 white LEDs, e.g. as orientation or control LEDs
- flush wall mounting possible with wall box, 2gang, order no. 1870

RADIO BUS APPLICATIONS:

- for settable functions, see the radio push-button interface
- wiring with adapter for KNX and relay

RELAY APPLICATIONS:

- wiring with adapter for KNX and relay

SUITABLE FOR	ORDER NO.	PAGE
Electrical power supply 24 V DC RMD	7591 00 03	854
Adapter for KNX and relay	7590 00 32	562
Wall box 2gang	1870	551
optional		
Radio button interface 4gang flush-mounted	126	548

i 957

DESIGN	ORDER NO.	PU
Berker TS Sensor		
glass polar white	**1683 00**	1
glass black	**1683 05**	1
glass aluminium	**1683 07**	1
Berker TS Sensor - configured		
glass polar white	**1693 00**	1
glass black	**1693 05**	1
glass aluminium	**1693 07**	1



Glass sensor 4gang

Operating voltage	8 ... 30 V=
LED input voltage	max. 5 V=
Switching voltage	max. 30 V
LED input current	max. 1 mA
Max. switching current	10 mA
Current consumption (operation)	≈ 38 mA
Surface adjustment	20 mm
Dimensions (W x H x D)	86 x 160 x 5.7 mm

Separate 24 V DC auxiliary power supply needed!

- the blue LED can be set for Continuously ON or external activation
- white LEDs can be set for Sensor operation or external activation
- with one blue LED and 8 white LEDs, e.g. as orientation or control LEDs
- flush wall mounting possible with wall box, 2gang, order no. 1870

RADIO BUS APPLICATIONS:

- for settable functions, see the radio push-button interface
- wiring with adapter for KNX and relay

RELAY APPLICATIONS:

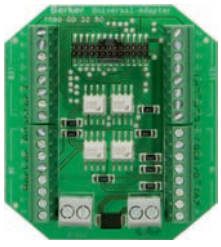
- wiring with adapter for KNX and relay

SUITABLE FOR	ORDER NO.	PAGE
Electrical power supply 24 V DC RMD	7591 00 03	854
Adapter for KNX and relay	7590 00 32	562
Wall box 2gang	1870	551
optional		
Radio button interface 4gang flush-mounted	126	548

i 957

DESIGN	ORDER NO.	PU
Berker TS Sensor		
glass polar white	**1684 00**	1
glass black	**1684 05**	1
glass aluminium	**1684 07**	1
Berker TS Sensor - configured		
glass polar white	**1694 00**	1
glass black	**1694 05**	1
glass aluminium	**1694 07**	1

SUPPLEMENTARY PRODUCTS



Adapter for KNX and relay

- for wiring with radio push-button interfaces, relay as well as KNX universal interfaces

SUITABLE FOR	ORDER NO.	PAGE
Glass sensors		page 560
optional		
Radio button interface 4gang flush-mounted		page 562

DESIGN	ORDER NO.	PU
Adapter for KNX and relay	**7590 00 32**	1

System interfaces



Radio button interface 4gang flush-mounted

Operating voltage	3 V=
Contact cleaner power pulse current	3 mA
Radio transmission range (free field)	max. 100 m
Line length	≈ 290 mm
Cable length extendable to	max. 5 m
Dimensions (Ø x H)	38 x 10 mm
Battery service life [years]	≈ 3

For battery-operated radio remote control of all assigned radio bus receivers.

- function setting by 5 DIP-switches
- functions: 1- and 2-push-button operation for switching and dimming, shutter control, light scenes,
- with red transmit and battery status LED
- each channel can be assigned to any number of radio receivers
- pre-assembled, with 4 cable pairs and plug
- to connect to max. 4 potential-free contacts
- with lithium coin cell battery 3 V type: CR 2032

SUITABLE FOR	ORDER NO.	PAGE
Glass sensors		page 560
Crystal Ball	1685 78	548
Adapter for KNX and relay	7590 00 32	562
replacement		
Lithium coin cell battery 3 V	1857	551

i 933

DESIGN		ORDER NO.	PU
grey matt	#	**126**	1



Lithium coin cell battery 3 V

Charging capacity	0.18 Ah
Output voltage	3 V=

- 2 pcs. for replacement
- type: CR 2032

SUITABLE FOR	ORDER NO.	PAGE
Radio wall transmitter insert	2764 ..	692
Radio button interface 4gang flush-mounted	126	548

DESIGN	ORDER NO.	PU
Lithium coin cell battery 3 V	**1857**	10

Wall boxes



Wall box 2gang flat

Dimensions (W x H x D)	68 x 139 x 47.5 mm
Cut hole pitch	71 mm
Cut hole Ø	2 x 68 mm

- flush wall-mounting or with adapter ring
- for flush mounting and hollow-wall mounting

SUITABLE FOR	ORDER NO.	PAGE
Glass sensors comfort		page 556
Glass sensors with thermostat		page 559

i 957

DESIGN	ORDER NO.	PU
Wall box 2gang flat	**1871**	1



Wall box 2gang

Dimensions (W x H x D)	68 x 139 x 75 mm
Cut hole pitch	71 mm
Cut hole Ø	2 x 68 mm

- flush wall-mounting or with adapter ring
- for flush mounting and hollow-wall mounting

SUITABLE FOR	ORDER NO.	PAGE
Glass sensors		page 560
Crystal Ball	1685 78	548

i 957

DESIGN	ORDER NO.	PU
Wall box 2gang	**1870**	1



Berker

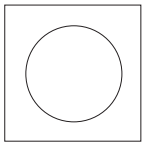
SCHUKO SOCKET OUTLETS	568-569
INTERNATIONAL SOCKET OUTLET SYSTEMS	569-573
SWITCHES/PUSH-BUTTONS	574-577
ROTARY DIMMER	578-579
BLIND PUSH-BUTTONS	579
COMMUNICATION/MULTIMEDIA TECHNOLOGY	580-583
USB CHARGING SOCKET OUTLETS	584
CONNECTING DEVICES 12 V	584
FRAMES	585-586
SURFACE-MOUNTED HOUSINGS	587
SUPPLEMENTARY PRODUCTS	587-590

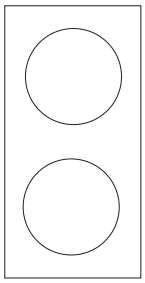
Especially in small areas, the perfect integration of a switch is essential. The Berker Integro Flow is a particularly successful example of this. With its vaulted surface, it fits perfectly into any environment – and does a wonderful job, even in the smallest of areas.

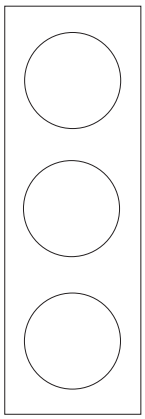
- Ultra-compact design - particularly suitable for use in mobile homes, kitchen furnishings, electrical appliances or for furniture construction and the field of sanitation
- Also fulfils special requirements, for example in boot construction and in laboratories
- Modular product concept
- Installation can be extended using the electronic Integro Control System (ICS)

Marked items are suitable for installation of splash-protected flush-mounted IP 44 when used in conjunction with corresponding sealing set.

Frame 1 to 3gang
W 59.5 mm x H 59.5 mm, 1gang
W 59.5 mm x H 119 mm, 2gang
W 59.5 mm x H 178.5 mm, 3gang







PRODUCT EXAMPLES

















FRAMES / COVERS / CENTRAL INSERTS

Plastic, glossy

Grey	similar to RAL 7038
Polar white	similar to RAL 9010
Black	similar to RAL 9005

Plastic, lacquered

Chrome matt	similar to RAL 9006
Stainless steel	similar to RAL 9022

Plastic, matt

Brown	similar to RAL 8017
Anthracite	similar to RAL 7021



SCHUKO SOCKET OUTLETS

- For 4-hole screw fitting
- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1
- Thermoplastic centre plates
- Duroplast base
- Contacts made of copper alloy

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the appropriate sealing and frame with hinged cover (imprint "IP44").



SCHUKO socket outlet
- Screw terminals

Rated voltage 250 V~
Rated current 16 A

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm	9 1820	588
Contact protection box Ø 49 mm	9 188 ..	588
Contact protection box 2gang	9 191 ..	589
Contact protection box 3gang	9 1933	589
Frame with hinged cover and imprint "IP44"	9 1828 ..	586
Sealing	9 1853	590

i 959

DESIGN	ORDER NO.	PU
brown matt	**9 4185 25 01**	10
anthracite matt	**9 4185 25 05**	10
grey matt	**9 4185 25 06**	10
polar white matt	**9 4185 25 02**	10
black matt	**9 4185 05**	10



SCHUKO socket outlet
- enhanced contact protection
- Screw terminals

Rated voltage 250 V~
Rated current 16 A

Enhanced contact protection (child protection) according to IEC 60884-1

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm	9 1820	588
Contact protection box Ø 49 mm	9 18 8 ..	588
Contact protection box 2gang	9 191 ..	589
Contact protection box 3gang	9 1933	589
Frame with hinged cover and imprint "IP44"	9 1828 ..	586
Sealing	9 1853	590

i 959

DESIGN	ORDER NO.	PU
brown matt	**9 4195 25 01**	10
anthracite matt	**9 4195 25 05**	10
grey matt	**9 4195 25 06**	10
polar white matt	**9 4195 25 02**	10
black matt	**9 4195 05**	10



SCHUKO socket outlet

Rated voltage 250 V~
Rated current 16 A

Earth bracket clamping forces according to TNO requirements.
Standard NEN 1010

- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm	9 1820	588
Contact protection box Ø 49 mm	9 188 ..	588
Contact protection box 2gang	9 191 ..	589
Contact protection box 3gang	9 1933	589
Frame with hinged cover and imprint "IP44"	9 1828 ..	586
Sealing	9 1853	590

i 959

DESIGN	ORDER NO.	PU
brown matt	**9 4778 25 01**	10
anthracite matt	**9 4778 25 05**	10
grey matt	**9 4778 25 06**	10
polar white matt	**9 4778 25 02**	10
black matt	**9 4778 25 03**	10



SCHUKO socket outlet

- enhanced contact protection

Rated voltage 250 V~
Rated current 16 A

Earth bracket clamping forces according to TNO requirements.
Standard NEN 1010
Enhanced contact protection (child protection) according to IEC 60884-1

■ with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm	9 1820	588
Contact protection box Ø 49 mm	9 188 ..	588
Contact protection box 2gang	9 191 ..	589
Contact protection box 3gang	9 1933	589
Frame with hinged cover and imprint "IP44"	9 1828 ..	586
Sealing	9 1853	590

i 959

DESIGN	ORDER NO.	PU
brown matt	**9 4779 25 01**	10
anthracite matt	**9 4779 25 05**	10
grey matt	**9 4779 25 06**	10
polar white matt	**9 4779 25 02**	10
black matt	**9 4779 25 03**	10



SCHUKO socket outlet 45°

- Screw terminals

Rated voltage 250 V~
Rated current 16 A

■ for diagonal installation

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 49 mm	9 188 ..	588
Contact protection box 2gang	9 191 ..	589
Contact protection box 3gang	9 1933	589
Contact protection box Ø 58 mm for terminal attachment	8 1837	589
Frame with hinged cover and imprint "IP44"	9 1828 ..	586
Sealing	9 1853	590

i 959

DESIGN	ORDER NO.	PU
brown matt	**8 4185 25 21**	200
anthracite matt	**8 4185 25 25**	200
grey matt	**8 4185 25 26**	200
polar white matt	**8 4185 25 22**	200
black matt	**8 4185 25**	200

INTERNATIONAL SOCKET OUTLET SYSTEMS

Socket outlets without earthing contact

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1



Socket outlet without earth contact NETHERLANDS

- Screw terminals

Rated voltage 250 V~
Rated current 16 A
Mirror depth 14.5 mm

■ 2pole

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm	9 1820	588
Contact protection box Ø 49 mm	9 188 ..	588
Contact protection box 2gang	9 191 ..	589
Contact protection box 3gang	9 1933	589

i 959

DESIGN	ORDER NO.	PU
brown matt	**9 6184 25 01**	10
anthracite matt	**9 6184 25 05**	10
grey matt	**9 6184 25 06**	10
polar white matt	**9 6184 25 02**	10
black matt	**9 6184 05**	10



Socket outlet without earth contact NETHERLANDS

- **enhanced contact protection**
- **Screw terminals**

Rated voltage 250 V~
Rated current 16 A
Mirror depth 14.5 mm

■ 2pole

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm	9 1820	588
Contact protection box Ø 49 mm	9 188 ..	588
Contact protection box 2gang	9 191 ..	589
Contact protection box 3gang	9 1933	589

i 959

DESIGN	ORDER NO.	PU
brown matt	**9 6194 25 01**	10
anthracite matt	**9 6194 25 05**	10
grey matt	**9 6194 25 06**	10
polar white matt	**9 6194 25 02**	10
black matt	**9 6194 05**	10

Euro-American Standard socket outlets



Socket outlet without earth contact EURO-AMERICAN STANDARD

- **enhanced contact protection**
- **Screw terminals**

Rated voltage 250 V~
Rated current 10 A

Not suitable for SCHUKO plug according to DIN 49441.
Standard GB 1002

■ 2pole

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm	9 1820	588
Contact protection box Ø 49 mm	9 188 ..	588
Contact protection box 2gang	9 191 ..	589
Contact protection box 3gang	9 1933	589

i 959

DESIGN	ORDER NO.	PU
brown matt	**9 6257 25 01**	10
anthracite matt	**9 6257 25 05**	10
grey matt	**9 6257 25 06**	10
polar white matt	**9 6257 25 02**	10
black matt	**9 6257 25 03**	10

Socket outlets with earthing pin

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the appropriate sealing and frame with hinged cover (imprint "IP44").



Socket outlet with earthing pin

- **Screw terminals**

Rated voltage 250 V~
Rated current 16 A

■ 2pole + earth

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm	9 1820	588
Contact protection box Ø 49 mm	9 188 ..	588
Contact protection box 2gang	9 191 ..	589
Contact protection box 3gang	9 1933	589
Frame with hinged cover and imprint "IP44"	9 1828 ..	586
Sealing	9 1853	590

i 959

DESIGN	ORDER NO.	PU
brown matt	**9 6185 25 01**	10
anthracite matt	**9 6185 25 05**	10
grey matt	**9 6185 25 06**	10
polar white matt	**9 6185 25 02**	10
black matt	**9 6185 05**	10



Socket outlet with earthing pin FRANCE/ BELGIUM

- **enhanced contact protection**
- **Screw terminals**

Rated voltage 250 V~
Rated current 16 A

■ 2pole + earth

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm	9 1820	588
Contact protection box Ø 49 mm	9 188 ..	588
Contact protection box 2gang	9 191 ..	589
Contact protection box 3gang	9 1933	589
Frame with hinged cover and imprint "IP44"	9 1828 ..	586
Sealing	9 1853	590

i 959

DESIGN	ORDER NO.	PU
brown matt	**9 6195 25 01**	10
anthracite matt	**9 6195 25 05**	10
grey matt	**9 6195 25 06**	10
polar white matt	**9 6195 25 02**	10
black matt	**9 6195 05**	10

NEMA-socket outlets

NEW



Socket outlet with earthing contact USA/ CANADA NEMA 5-15 R

- **Screw terminals**

Rated voltage 125 V~
Rated current 15 A

Standard NEMA 5-15 R

■ 2pole + earth

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm	9 1820	588
Contact protection box Ø 49 mm	9 188 ..	588
Contact protection box 2gang	9 191 ..	589
Contact protection box 3gang	9 1933	589

i 959

DESIGN	ORDER NO.	PU
polar white matt, insert white	* **8 6263 25 02**	200
black matt, Insert, brown	* **8 6263 25 03**	200



Socket outlet with earthing contact USA/ CANADA NEMA 6-20 R

- **Screw terminals**

Rated voltage 250 V~
Rated current 20 A

Connecting terminals only suitable for solid conductors.
Standard NEMA 6-20 R

■ 2pole + earth

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm	9 1820	588
Contact protection box Ø 49 mm	9 188 ..	588
Contact protection box 2gang	9 191 ..	589
Contact protection box 3gang	9 1933	589

i 959

DESIGN	ORDER NO.	PU
brown matt, Insert, brown	**8 6254 25 01**	200
anthracite matt, Insert, brown	**8 6254 25 05**	200
grey glossy, insert white	**8 6254 25 07**	200
polar white glossy, insert white	**8 6254 25 09**	200
black glossy, Insert, brown	**8 6254 25 10**	200

Australian socket outlets



Socket outlet with earth contact AUSTRALIA 15 A

- Screw terminals

- 2pole + earth
- contact screws, cross-head, size PH2

Rated voltage 250 V~
Rated current 15 A

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm	9 1820	588
Contact protection box Ø 49 mm	9 188 ..	588
Contact protection box 2gang	9 191 ..	589
Contact protection box 3gang	9 1933	589

i 959

DESIGN	ORDER NO.	PU
brown matt, insert black	**9 6256 25 01**	10
anthracite matt, insert black	**9 6256 25 05**	10
grey matt, insert black	**9 6256 25 06**	10
polar white matt, insert black	**9 6256 25 02**	10
black matt, insert black	**9 6256 05**	10

Danish socket outlets



Socket outlet with earth contact DENMARK

- enhanced contact protection
- Screw terminals

- 2pole + earth

Rated voltage 250 V~
Rated current 13 A

Standard DK/SR 107-2-D1

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm	9 1820	588
Contact protection box Ø 49 mm	9 188 ..	588
Contact protection box 2gang	9 191 ..	589
Contact protection box 3gang	9 1933	589

i 959

DESIGN	ORDER NO.	PU
brown matt	**9 6272 25 01**	10
anthracite matt	**9 6272 25 05**	10
grey matt	**9 6272 25 06**	10
polar white matt	**9 6272 25 02**	10
black matt	**9 6272 05**	10

Italian socket outlets

NEW



Socket outlet with earthing contact ITALY

- enhanced contact protection
- Screw terminals

- 2pole + earth
- enhanced contact protection IEC 60884-1
- with screw terminals

Rated voltage 250 V~
Rated current 16 A

Not suitable for fixing clamping ring!

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 49 mm	9 1887	588
Contact protection box Ø 49 mm, deep	9 1883	588
Contact protection box 2gang	9 1915 ..	589
Contact protection box 3gang	9 1933	589

i 959

DESIGN	ORDER NO.	PU
anthracite matt, insert black	* **9 6251 25 05**	10
black matt, insert black	* **9 6251 25 03**	10
polar white matt, insert white	* **9 6251 25 02**	10

Swiss socket outlets

■ Connection terminals according to IEC 60884-1



Socket outlet with earth contact SWITZERLAND type 13

- Screw terminals

Rated voltage 250 V~
Rated current 10 A

Not suitable for fixing clamping ring!

■ 2pole + earth

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 49 mm	9 188 ..	588
Contact protection box 2gang	9 191 ..	589
Contact protection box 3gang	9 1933	589

i 959

DESIGN	ORDER NO.	PU
brown matt	**9 6249 25 01**	10
anthracite matt	**9 6249 25 05**	10
grey matt	**9 6249 25 06**	10
polar white matt	**9 6249 25 02**	10
black matt	**9 6249 05**	10



Socket outlet with earth contact SWITZERLAND type 23

- Screw terminals

Rated voltage 250 V~
Rated current 16 A

Not suitable for fixing clamping ring!

■ 2pole + earth

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 49 mm	9 188 ..	588
Contact protection box 2gang	9 191 ..	589
Contact protection box 3gang	9 1933	589

i 959

DESIGN	ORDER NO.	PU
brown matt	**9 6259 25 01**	10
anthracite matt	**9 6259 25 05**	10
grey matt	**9 6259 25 06**	10
polar white matt	**9 6259 25 02**	10
black matt	**9 6259 25 03**	10

BRITISH STANDARD socket outlets



Socket outlet with earthing contact BRITISH STANDARD

- enhanced contact protection
- Screw terminals

Rated voltage 250 V~
Rated current 13 A

Standard BS 1363

■ 2pole + earth

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm	9 1820	588
Contact protection box Ø 49 mm, deep	9 188 ..	588
Contact protection box 2gang	9 191 ..	589
Contact protection box 3gang	9 1933	589

i 959

DESIGN	ORDER NO.	PU
brown matt	**9 6262 25 01**	10
anthracite matt	**9 6262 25 05**	10
grey matt	**9 6262 25 06**	10
polar white matt	**9 6262 25 02**	10
black matt	**9 6262 05**	10

SWITCHES/PUSH-BUTTONS

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the appropriate sealing and frame with the imprint "IP44".

Rocker switches



Change-over switch

Rated voltage 250 V~
Switching current 16 AX

■ with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm, flat	9 1820 01	588
Contact protection box Ø 45 mm	9 1820	588
Contact protection box Ø 49 mm	9 1887	588
Contact protection box Ø 49 mm, deep	9 1883	588
Contact protection box 2gang	9 191 ..	589
Contact protection box 3gang	9 1933	589
Frame with imprint "IP44"	9 1827 ..	586
Sealing	9 1853	590

i 959

DESIGN	ORDER NO.	PU
brown matt	**9 3656 25 01**	10
anthracite matt	**9 3656 25 05**	10
grey glossy	**9 3656 25 07**	10
polar white glossy	**9 3656 25 09**	10
black glossy	**9 3656 25 10**	10
chrome matt, lacquered	**9 3656 25 68**	10
stainless steel matt, lacquered	**9 3656 25 24**	10



Intermediate switch

Rated voltage 250 V~
Switching current 16 AX

■ with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm, flat	9 1820 01	588
Contact protection box Ø 45 mm	9 1820	588
Contact protection box Ø 49 mm	9 1887	588
Contact protection box Ø 49 mm, deep	9 1883	588
Contact protection box 2gang	9 191 ..	589
Contact protection box 3gang	9 1933	589
Frame with imprint "IP44"	9 1827 ..	586
Sealing	9 1853	590

i 959

DESIGN	ORDER NO.	PU
brown matt	**9 3657 25 01**	10
anthracite matt	**9 3657 25 05**	10
grey glossy	**9 3657 25 07**	10
polar white glossy	**9 3657 25 09**	10
black glossy	**9 3657 25 10**	10
chrome matt, lacquered	**9 3657 25 68**	10
stainless steel matt, lacquered	**9 3657 25 24**	10

Multi-pole rocker switches



On/off switch 2pole with imprint "0"

Rated voltage	250 V~
Switching current	16 AX

For switching of 16 A socket outlets, for example.

- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm, flat	9 1820 01	588
Contact protection box Ø 45 mm	9 1820	588
Contact protection box Ø 49 mm	9 1887	588
Contact protection box Ø 49 mm, deep	9 1883	588
Contact protection box 2gang	9 191 ..	589
Contact protection box 3gang	9 1933	589
Frame with imprint "IP44"	9 1827 ..	586
Sealing	9 1853	590

i 959

DESIGN	ORDER NO.	PU
brown matt	**9 3652 25 01**	10
anthracite matt	**9 3652 25 05**	10
grey glossy	**9 3652 25 07**	10
polar white glossy	**9 3652 25 09**	10
black glossy	**9 3652 25 10**	10
chrome matt, lacquered	**9 3652 25 68**	10
stainless steel matt, lacquered	**9 3652 25 24**	10



Control on/off switch 2pole with imprint "0"

- Red lens

Rated voltage	250 V~
Switching current	10 AX
Neon lamp current	0.9 mA

- for illumination and monitoring circuit
- with integral neon lamp
- with cable entry at top and bottom
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm, flat	9 1820 01	588
Contact protection box Ø 45 mm	9 1820	588
Contact protection box Ø 49 mm	9 1887	588
Contact protection box Ø 49 mm, deep	9 1883	588
Contact protection box 2gang	9 191 ..	589
Contact protection box 3gang	9 1933	589
Frame with imprint "IP44"	9 1827 ..	586
Sealing	9 1853	590

i 959

DESIGN	ORDER NO.	PU
brown matt	**9 3752 25 01**	10
anthracite matt	**9 3752 25 05**	10
grey glossy	**9 3752 25 07**	10
polar white glossy	**9 3752 25 09**	10
black glossy	**9 3752 25 10**	10
chrome matt, lacquered	**9 3752 25 68**	10
stainless steel matt, lacquered	**9 3752 25 24**	10



Control on/off switch 2pole with imprint "0", 12 V

- Red lens
- Control LED

Rated voltage	12 V=
Switching current	5 A
LED current	10 mA

- for illumination and monitoring circuit
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm, flat	9 1820 01	588
Contact protection box Ø 45 mm	9 1820	588
Contact protection box Ø 49 mm	9 1887	588
Contact protection box Ø 49 mm, deep	9 1883	588
Contact protection box 2gang	9 191 ..	589
Contact protection box 3gang	9 1933	589
Frame with imprint "IP44"	9 1827 ..	586
Sealing	9 1853	590

i 959

DESIGN	ORDER NO.	PU
brown matt	**9 3762 25 31**	10
anthracite matt	**9 3762 25 35**	10
polar white glossy	**9 3762 25 39**	10
black glossy	**9 3762 25 10**	10
chrome matt, lacquered	**9 3762 25 68**	10
stainless steel matt, lacquered	**9 3762 25 24**	10

Combination rocker switches



Series switch

Rated voltage	250 V~
Switching current	16 AX

- common input terminal
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm, flat	9 1820 01	588
Contact protection box Ø 49 mm, deep	9 1883	588
Contact protection box 2gang	9 191 ..	589
Contact protection box 3gang	9 1933	589

DESIGN	ORDER NO.	PU
brown matt	**9 3655 25 01**	10
anthracite matt	**9 3655 25 05**	10
grey glossy	**9 3655 25 07**	10
polar white glossy	**9 3655 25 09**	10
black glossy	**9 3655 25 10**	10
chrome matt, lacquered	**9 3655 25 68**	10
stainless steel matt, lacquered	**9 3655 25 24**	10

Rocker push-buttons



Push-button, NO contact

- Screw terminals

Rated voltage	250 V~
Momentary-contact current	10 A

- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm, flat	9 1820 01	588
Contact protection box Ø 45 mm	9 1820	588
Contact protection box Ø 49 mm	9 1887	588
Contact protection box Ø 49 mm, deep	9 1883	588
Contact protection box 2gang	9 191 ..	589
Contact protection box 3gang	9 1933	589
Frame with imprint "IP44"	9 1827 ..	586
Sealing	9 1853	590

i 959

DESIGN	ORDER NO.	PU
brown matt	**9 3671 25 01**	10
anthracite matt	**9 3671 25 05**	10
grey glossy	**9 3671 25 07**	10
polar white glossy	**9 3671 25 09**	10
black glossy	**9 3671 25 10**	10
chrome matt, lacquered	**9 3671 25 68**	10
stainless steel matt, lacquered	**9 3671 25 24**	10



Push-button, NO contact, illuminated

- Red lens

Rated voltage 250 V~
Momentary-contact current 10 A
Neon lamp current 0.9 mA

When several neon lamp units are used, the lamp current may result in malfunctioning of the relay/pulse relay.
Remedy: Carry along a neutral conductor or connect a capacitor 230 V (1 µF per 10 mA neon lamp current) in parallel with the coil.

- for illumination and monitoring circuit
- with integral neon lamp
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm, flat	9 1820 01	588
Contact protection box Ø 45 mm	9 1820	588
Contact protection box Ø 49 mm	9 1887	588
Contact protection box Ø 49 mm, deep	9 1883	588
Contact protection box 2gang	9 191 ..	589
Contact protection box 3gang	9 1933	589
Frame with imprint "IP44"	9 1827 ..	586
Sealing	9 1853	590

i 959

DESIGN	ORDER NO.	PU
brown matt	**9 3772 25 01**	10
anthracite matt	**9 3772 25 05**	10
grey glossy	**9 3772 25 07**	10
polar white glossy	**9 3772 25 09**	10

Combination rocker push-buttons



Series push-button, 2 NO contacts, common input terminal

Rated voltage 250 V~
Momentary-contact current 10 A

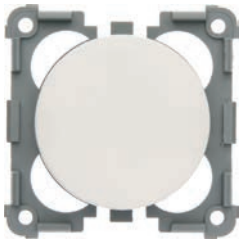
- common input terminal
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm, flat	9 1820 01	588
Contact protection box Ø 45 mm	9 1820	588
Contact protection box Ø 49 mm	9 1887	588
Contact protection box Ø 49 mm, deep	9 1883	588
Contact protection box 2gang	9 191 ..	589
Contact protection box 3gang	9 1933	589

DESIGN	ORDER NO.	PU
brown matt	**9 3675 25 01**	10
anthracite matt	**9 3675 25 05**	10
grey glossy	**9 3675 25 07**	10
polar white glossy	**9 3675 25 09**	10
black glossy	**9 3675 25 10**	10
chrome matt, lacquered	**9 3675 25 68**	10
stainless steel matt, lacquered	**9 3675 25 24**	10

ROTARY DIMMERS

Rotary dimmers



Rotary dimmer 12 V DC

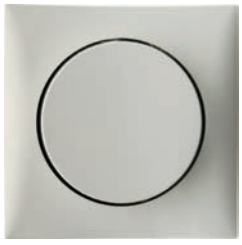
- Setting knob

Rated voltage	12 V=
12 V incandescent lamps and halogen lamps	10 ... 60 W
Quiescent current	3 mA
Axis dimension Ø	4 mm
Insertion depth	33 mm

- with soft-lock
- with on/off pressure switch
- short-circuit and overload proof (electronic fuse)
- with pulse width modulation (PWM)
- with screw terminals

Do not mount with Berker Integro wall boxes, flush-mounted housings or fixing clamping ring.

DESIGN	ORDER NO.	PU
brown matt	**9 2876 25 01**	1
anthracite matt	**9 2876 25 05**	1
grey glossy	**9 2876 25 07**	1
polar white glossy	**9 2876 25 09**	1
black glossy	**9 2876 25 10**	1
chrome matt, lacquered	**9 2876 25 68**	1
stainless steel matt, lacquered	**9 2876 25 24**	1



Rotary dimmer with frame

- Setting knob

Operating voltage	230 V~
230 V incandescent lamps and halogen lamps	60 ... 400 W
Number of built-in power boosters (R, L)	max. 10
Axis dimension Ø	4 mm
Frequency	50 Hz

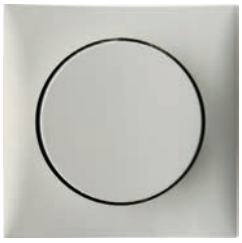
- with change-over pressure switch
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- phase cut-on
- with screw terminals

i 959

Do not mount with Berker Integro wall boxes, flush-mounted housings or fixing clamping ring.

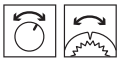
DESIGN	ORDER NO.	PU
brown matt	**9 2871 25 71**	1
anthracite matt	**9 2871 25 75**	1
grey glossy	**9 2871 25 77**	1
polar white glossy	**9 2871 25 79**	1

1-10 V Rotary potentiometers



1 - 10 V rotary potentiometer with frame

- **Setting knob**
- **Soft locking**



Operating voltage	230 V~
Frequency	50/60 Hz
Switching current	6 A
Control current	50 mA
Axis dimension Ø	4 mm
Insertion depth	22 mm

With excessive switch-on currents, use switching current limiters order no. 185.

To ensure same illumination, use only electronic ballasts and fluorescent lamps from the same manufacturers.

Possible to change fuse without removing cover.

Do not mount with Berker Integro wall boxes, flush-mounted housings or fixing clamping ring.

According to DIN EN 61347-2-3

- basic brightness programmable
- e.g. for fluorescent lamps and LV halogen lamps
- for switching and controlling electronic ballasts and 1 - 10 V Tronic transformers, 105 W
- with on/off pressure switch
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Making current limiter	185	71

DESIGN	ORDER NO.	PU
brown matt	**9 2891 25 01**	10
anthracite matt	**9 2891 25 05**	10
grey glossy	**9 2891 25 06**	10
polar white glossy	**9 2891 25 09**	10



BLIND PUSH-BUTTONS



Blind series push-button with imprinted symbol arrow

Rated voltage	250 V~
Momentary-contact current	10 A

Follow the motor manufacturers' instructions.

- with electrical interlocking to prevent mutual activation
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm, flat	9 1820 01	588
Contact protection box Ø 45 mm	9 1820	588
Contact protection box Ø 49 mm	9 1887	588
Contact protection box Ø 49 mm, deep	9 1883	588
Contact protection box 2gang	9 191 ..	589
Contact protection box 3gang	9 1933	589

DESIGN	ORDER NO.	PU
brown matt	**9 3653 25 01**	10
anthracite matt	**9 3653 25 05**	10
grey glossy	**9 3653 25 07**	10
polar white glossy	**9 3653 25 09**	10
black glossy	**9 3653 25 10**	10
chrome matt, lacquered	**9 3653 25 68**	10
stainless steel matt, lacquered	**9 3653 25 24**	10



COMMUNICATION/MULTIMEDIA TECHNOLOGY

Aerial sockets



TV

Aerial connector box TV

DIN 45325

DESIGN	ORDER NO.	PU
with soldered connection		
brown matt [1]	**9 4511 25 11**	10
anthracite matt [1]	**9 4511 25 15**	10
grey matt [1]	**9 4511 25 16**	10
polar white matt [1]	**9 4511 25 12**	10
black matt [1]	**9 4511 15**	10
Connection in F system		
brown matt	**9 4581 25 01**	10
anthracite matt	**9 4581 25 05**	10
grey matt	**9 4581 25 06**	10
polar white matt	**9 4581 25 02**	10
black matt	**9 4581 25 03**	10

[1] suitable for frames with hinged covers



TV

Aerial connector box SAT

Not suitable for frames with hinged covers.

- with double F-socket

DESIGN	ORDER NO.	PU
brown matt	**9 4519 25 01**	10
anthracite matt	**9 4519 25 05**	10
grey matt	**9 4519 25 06**	10
polar white matt	**9 4519 25 02**	10
black matt	**9 4519 05**	10



TV

Aerial connector box radio/SAT

Not suitable for frames with hinged covers.

- with IEC and F socket
- with connection in F system

DESIGN	ORDER NO.	PU
brown matt	**9 4560 25 01**	10
anthracite matt	**9 4560 25 05**	10
grey matt	**9 4560 25 06**	10
polar white matt	**9 4560 25 02**	10
black matt	**9 4560 05**	10



TV

Aerial connector box radio/TV

Not suitable for frames with hinged covers.

- with IEC sockets
- with connection in F system

DESIGN	ORDER NO.	PU
polar white matt	**9 4561 25 02**	10



Aerial connector box TV/SAT

Not suitable for frames with hinged covers.

- with IEC and F socket
- with connection in F system

TV

DESIGN	ORDER NO.	PU
grey matt	**8 4563 25 06**	200
black matt	**8 4563 25 03**	200

Data communication



Double supporting plate for MINI-COM modules

Not suitable for hinged cover.

- with 30° oblique outlet
- for Mini-Com jacks cat.3, cat.5e, cat.6, cat.6 10Gig
- for Mini-Com fibre-optic modules
- for Mini-Com 3.5 mm stereo connection/coupling modules
- for Mini-Com BNC connector modules
- for Mini-Com Cinch connection/coupling modules
- for Mini-Com D-Subminiature connectors 15pole
- for Mini-Com F-plug coupling modules
- for Mini-Com speaker wire/banana plug modules
- for Mini-Com S-Video connection/coupling modules
- for Mini-Com dummy modules 1gang

SUITABLE FOR	ORDER NO.	PAGE
Multimedia modules		page 582

MANUFACTURER: PRODUCT LINE	ART. NO.
Mini-Com modules	
Panduit	

DESIGN	ORDER NO.	PU
anthracite glossy	**9 4559 25 05**	10
grey glossy	**9 4559 25 07**	10
polar white glossy	**9 4559 25 09**	10
black glossy	**9 4559 05**	10



Mini jack, 8-pole

Cat.5 according to DIN EN 50173-1 and ISO/IEC 11801, 2nd edition

Cat.6 according to DIN EN 50173-1 and ISO/IEC 11801, 2nd edition

Protective screen according to DIN EN 55022, class B

Colour code A and B according to TIA/EIA-568-B.2

- with cutting terminals

SUITABLE FOR	ORDER NO.	PAGE
Central plate for 3 MINI-COM modules	1427 ..	159
Double supporting plate for MINI-COM modules	9 4559 ..	581
Supporting plate 2gang for BTR-/E-DAT modules	8 4558 25 ..	582

i 949

UAE



DESIGN	ORDER NO.	PU
Cat.6, RJ45, shielded (AWG 26)		
Mini jack 8pole shielded, cat.6	**1985**	1
Cat.5e, RJ45, shielded (AWG 24-22)		
Mini jack 8pole shielded, cat.5e	**1984**	1



Cat.3, RJ45, ISDN-compatible, unshielded (AWG 24-22)		
Mini jack 8pole, cat.3, black	**1980**	1



Supporting plate 1gang for AMP modular jacks

Indexing dimension (W x H) ≈ 14.9 x 20.7 mm

Not suitable for hinged cover.

- for AMP modular jacks series 110 Connect cat.3, cat.5, cat.5e and cat.6

MANUFACTURER: PRODUCT LINE	ART. NO.
EMT modular jack	
AMP	
Standard 110 Connect jack	
AMP	
MT-RJ jack	
AMP	
Intracom	
Telena	
Modular jacks	
Brand-Rex	
CobiNet	
EFB Electronic	
Schumann	
SL series toolless jack	
AMP	

DESIGN	ORDER NO.	PU
anthracite glossy	**9 4557 25 05**	10
grey glossy	**9 4557 25 07**	10
polar white glossy	**9 4557 25 09**	10
black glossy	**9 4557 05**	10



Supporting plate 2gang for BTR-/E-DAT modules

Not suitable for hinged cover.

- with 25° oblique outlet
- for 130898-00-I BTR blank module
- for 130898-01-I BTR coax module F/F
- for 130898-02-I BTR coax module F/IEC socket
- for 130898-03-I BTR coax module F/IEC connector
- for 130908-I BTR UAE module Cat.5e 8(8)
- for 130909-I BTR UAE module Cat.6 8(8)
- for 130910-I BTR E-Dat module Cat.6a 8(8)
- for 1309A0-I BTR E-Dat module coupling 8(8) Cat.6
- for 15091001-I BTR Op-Dat module ST
- for 15091070-I BTR Op-Dat module LC
- for 15091071-I BTR Op-Dat module LC
- for 185700 Dätwyler Unilan socket module MS 1/8 Cat.6
- for 185750 Dätwyler Unilan socket module MU 1/8 Cat.6
- for 417446 Dätwyler Unilan RJ45 feed-through coupling

MANUFACTURER: PRODUCT LINE	ART. NO.
Modules	
BTR NETCOM	

DESIGN	ORDER NO.	PU
anthracite glossy	**8 4558 25 05**	100
grey glossy	**8 4558 25 07**	100
polar white glossy	**8 4558 25 09**	100
black glossy	**8 4558 25 10**	100

Multimedia modules



Cinch module set audio

Conductor Ø 0.5 ... 0.65 mm (AWG 24-22)
Conductor cross-section 0.2 mm² ... 0.325 mm²
Dimensions, per module (W x H x D) 15 x 18 x 35 mm

- with 2 Cinch sockets and module carriers
- with tool free cutting terminals

SUITABLE FOR	ORDER NO.	PAGE
Central plate for 3 MINI-COM modules	1427 ..	159
Double supporting plate for MINI-COM modules	9 4559 ..	581
Supporting plate 2gang for BTR-/E-DAT modules	8 4558 25 ..	582

i 948

CINCH

DESIGN	ORDER NO.	PU
polar white/red	**1989**	1



Cinch module video

Conductor Ø 0.5 ... 0.65 mm (AWG 24-22)
Conductor cross-section 0.2 mm² ... 0.325 mm²
Dimensions (W x H x D) 15 x 18 x 35 mm

- with cinch socket and module carrier
- with tool free cutting terminals

SUITABLE FOR	ORDER NO.	PAGE
Central plate for 3 MINI-COM modules	1427 ..	159
Double supporting plate for MINI-COM modules	9 4559 ..	581
Supporting plate 2gang for BTR-/E-DAT modules	8 4558 25 ..	582

i 948

CINCH

DESIGN	ORDER NO.	PU
polar white/yellow	**1992**	1



VGA module

Conductor cross-section 1.5 mm²
Dimensions (W x H x D) 31 x 18 x 35 mm

- occupies 2 MINI-COM module spaces in the cover
- Compatibility SVGA compatible
- with a 15pole D-subminiature socket
- with screw-in lift terminals

SUITABLE FOR	ORDER NO.	PAGE
Central plate for 3 MINI-COM modules	1427 ..	159
Double supporting plate for MINI-COM modules	9 4559 ..	581
Supporting plate 2gang for BTR-/E-DAT modules	8 4558 25 ..	582

i 948

VGA

DESIGN	ORDER NO.	PU
polar white/black	**1994**	1



S-Video module

Conductor Ø 0.5 ... 0.65 mm (AWG 24-22)
Conductor cross-section 0.2 mm² ... 0.325 mm²
Dimensions (W x H x D) 15 x 18 x 35 mm

- with S-Video and module carrier
- with tool free cutting terminals

SUITABLE FOR	ORDER NO.	PAGE
Central plate for 3 MINI-COM modules	1427 ..	159
Double supporting plate for MINI-COM modules	9 4559 ..	581
Supporting plate 2gang for BTR-/E-DAT modules	8 4558 25 ..	582

i 948

S-Video

DESIGN	ORDER NO.	PU
polar white/black	**1993**	1



Blank module

Dimensions (W x H x D) 15 x 18 x 35 mm

SUITABLE FOR	ORDER NO.	PAGE
Central plate for 3 MINI-COM modules	1427 ..	159
Supporting plate 2gang for BTR-/E-DAT modules	8 4558 25 ..	582
Double supporting plate for MINI-COM modules	9 4559 ..	581

DESIGN	ORDER NO.	PU
polar white	**1990**	1

USB CHARGING SOCKET OUTLETS



230 V USB charging socket outlet

- Screw terminals

Input voltage	100 ... 240 V~
Frequency	50/60 Hz
Output voltage	5 V= (± 5 %)
Output current	max. 500 mA
Power consumption (standby)	50 mW
Conductor cross-section (rigid)	max. 2.5 mm²

No data transmission possible!
USB connections according to DIN EN 50558

- for charging mobile end devices via USB cable
- with 2 USB sockets type A
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 49 mm, deep	9 1883	588
Contact protection box 2gang	9 1915 0 ..	589
Contact protection box 3gang	9 1933	589

DESIGN	ORDER NO.	PU
anthracite matt	**9 2600 25 05**	1
polar white matt	**9 2600 25 09**	1

CONNECTING DEVICES 12 V



Socket outlet 12 V

Operating voltage	6 ... 24 V
Rated current	max. 16 A
Flat connector size (size width x size width)	6.3 x 0.8 mm

Note:
When using 12 V connector (order no. 4637), observe max. rated current of 8 A.
DIN EN ISO 4165

- with fast-on terminal connection

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 45 mm	9 1820	588
Contact protection box Ø 49 mm	9 188 ..	588
Contact protection box 2gang	9 191 ..	589
Contact protection box 3gang	9 1933	589
Plug 12 V	4637	584

DESIGN	ORDER NO.	PU
brown matt	**9 4517 25 01**	10
anthracite matt	**9 4517 25 05**	10
grey glossy	**9 4517 25 07**	10
polar white glossy	**9 4517 25 09**	10
black matt	**9 4517 05**	10



Socket outlet 12 V

Operating voltage	12 ... 24 V
Rated current for 1.5 mm²	max. 15 A
Rated current for 2.5 mm²	max. 20 A
Flat connector size (size width x size width)	6.3 x 0.8 mm

Not suitable for touch-protection boxes (cavity walls).
Compliant with SAE J563 (Feb. 2009), VW Standard TL82285 (Apr. 2007)

- with fast-on terminal connection

DESIGN	ORDER NO.	PU
brown matt	**8 4571 25 01**	200
anthracite matt	**8 4571 25 05**	200
grey glossy	**8 4571 25 07**	200
polar white glossy	**8 4571 25 09**	200
black matt	**8 4571 25 03**	200



Plug 12 V

Operating voltage	12 ... 24 V
Rated current	max. 8 A

- with solder connection

SUITABLE FOR	ORDER NO.	PAGE
Socket outlet 12 V	9 4517 ..	584

DESIGN	ORDER NO.	PU
black, matt	**4637**	1

FRAMES

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the appropriate sealing and Integro module insert.



Frame 1gang

i 959

DESIGN	ORDER NO.	PU
brown matt	**9 1827 25 01**	10
anthracite matt	**9 1827 25 05**	10
grey glossy	**9 1827 25 07**	10
polar white glossy	**9 1827 25 09**	10
black glossy	**9 1827 25 10**	10
chrome matt, lacquered	**9 1827 25 58**	10
stainless steel matt, lacquered	**9 1827 25 24**	10



Frame 2gang

- for vertical and horizontal mounting

i 959

DESIGN	ORDER NO.	PU
brown matt	**9 1826 25 11**	2
anthracite matt	**9 1826 25 15**	2
grey glossy	**9 1826 25 07**	2
polar white glossy	**9 1826 25 19**	2
black glossy	**9 1826 25 10**	2
chrome matt, lacquered	**9 1826 25 58**	2
stainless steel matt, lacquered	**9 1826 25 24**	2



Frame 3gang

- for vertical and horizontal mounting

i 959

DESIGN	ORDER NO.	PU
brown matt	**9 1819 25 11**	2
anthracite matt	**9 1819 25 15**	2
grey glossy	**9 1819 25 07**	2
polar white glossy	**9 1819 25 19**	2
black glossy	**9 1819 25 10**	2
chrome matt, lacquered	**9 1819 25 68**	2
stainless steel matt, lacquered	**9 1819 25 24**	2



Frame
- Labelling field

Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
anthracite matt	**9 1803 25 05**	10
grey glossy	**9 1803 25 07**	10
polar white glossy	**9 1803 25 09**	10
chrome matt, lacquered	**9 1803 25 68**	10



Frame with imprint "IP44"

Not for switches/buttons with split rocker!
IP44

- without sealing
- for water-proof covering of rocker switches/rocker push-buttons

SUITABLE FOR	ORDER NO.	PAGE
Sealing	9 1853	590

i 959

DESIGN	ORDER NO.	PU
brown matt	**9 1827 25 91**	10
anthracite matt	**9 1827 25 95**	10
grey glossy	**9 1827 25 97**	10
polar white glossy	**9 1827 25 99**	10
chrome matt, lacquered	**9 1827 25 68**	10

Frames with hinged cover



Frame with hinged cover

- for covering of socket outlets

DESIGN	ORDER NO.	PU
brown matt	**9 1828 25 01**	10
anthracite matt	**9 1828 25 05**	10
grey glossy	**9 1828 25 07**	10
polar white glossy	**9 1828 25 09**	10
black glossy	**9 1828 25 10**	10
chrome matt, lacquered	**9 1828 25 78**	10
stainless steel matt, lacquered	**9 1828 25 24**	10



Frame with hinged cover
- Labelling field



Labelling field height arranged for P-touch strips 9 mm.

- for covering of socket outlets
- with 2 labelling field inlays, neutral and perforated for socket outlet with indicator LED

DESIGN	ORDER NO.	PU
anthracite matt	**9 1988 25 05**	10
grey glossy	**9 1988 25 06**	10
polar white glossy	**9 1988 25 02**	10



Frame with hinged cover and imprint "IP44"

- without sealing
- for waterproof covering of socket outlets

SUITABLE FOR	ORDER NO.	PAGE
Sealing	918 53	590

DESIGN	ORDER NO.	PU
brown matt	**9 1828 25 91**	10
anthracite matt	**9 1828 25 95**	10
grey glossy	**9 1828 25 97**	10
polar white glossy	**9 1828 25 99**	10
chrome matt, lacquered	**9 1828 25 68**	10

SURFACE-MOUNTED HOUSINGS



Surface-mounted housing high

Dimensions (W x H x D) 59.5 x 59.5 x 41 mm

For suitable tube entries and replacements for wire and duct entries, refer to Accessories.

- with cable entry
- for mounting on combustible base surface
- to built-on installation of devices

SUITABLE FOR	ORDER NO.	PAGE
optional		
Tube entry		page 590
replacement		
Wire and duct entry		page 590

i 959



DESIGN	ORDER NO.	PU
without strain relief		
brown glossy	**9 1151 25 01**	10
anthracite glossy	**9 1151 25 05**	10
grey glossy	**9 1151 25 07**	10
polar white glossy	**9 1151 25 09**	10
black glossy	**9 1151 25 10**	10
with strain relief		
brown glossy	**9 1151 25 11**	10
anthracite glossy	**9 1151 25 15**	10
grey glossy	**9 1151 25 17**	10
polar white glossy	**9 1151 25 19**	10
black glossy	**9 1151 25 20**	10



Surface-mounted housing flat

Dimensions (W x H x D) 59.5 x 59.5 x 16 mm

- for mounting on combustible base surface
- to built-on installation of switches and push-buttons

i 959





DESIGN	ORDER NO.	PU
without strain relief		
anthracite glossy	**9 1152 25 25**	10
polar white glossy	**9 1152 25 29**	10
with 1 strain relief		
anthracite glossy	**9 1152 25 55**	10
polar white glossy	**9 1152 25 59**	10
with 2 Strain reliefs		
anthracite glossy	**9 1152 25 65**	10
polar white glossy	**9 1152 25 69**	10

SUPPLEMENTARY PRODUCTS

Blind plates



Blind plug

- with supporting plate

DESIGN	ORDER NO.	PU
brown matt	**9 4516 25 01**	10
anthracite matt	**9 4516 25 05**	10
grey glossy	**9 4516 25 07**	10
polar white glossy	**9 4516 25 09**	10
black glossy	**9 4516 25 10**	10
chrome matt, lacquered	**8 4516 25 68**	200
stainless steel matt, lacquered	**9 4516 25 24**	10

Spacer rings



Surface-mounted spacer ring

Dimensions (W x H x D) 59.5 x 59.5 x 10 mm

- for the reduction of the installation depth of the devices and surf.-mount. of switches and push-b.

i 959

DESIGN	ORDER NO.	PU
brown glossy	**9 1825 25 11**	10
anthracite glossy	**9 1825 25 15**	10
grey glossy	**9 1825 25 06**	10
polar white glossy	**9 1825 25 12**	10
black glossy	**9 1825 25 10**	10
chrome matt, lacquered	**9 1825 25 68**	10
stainless steel matt, lacquered	**9 1825 25 24**	10

Contact protection boxes

- Flame resistant according to VDE 0606-1



Contact protection box Ø 45 mm, flat

Cable Ø max. 12 mm
Insertion depth 22 mm

- only for switches and push-buttons
- with cable entry

Strain relief not suitable for flat cables.

i 959

H 850°C

DESIGN	ORDER NO.	PU
grey, with strain relief	**9 1820 01**	200



Contact protection box Ø 45 mm

Cable Ø max. 12 mm
Insertion depth 35.5 mm

- for switches and socket outlets
- with 4 cable entries
- 6 knockout openings

Strain relief not suitable for flat cables.

i 959

H 850°C

DESIGN	ORDER NO.	PU
grey, with strain relief	**9 1820**	200



Contact protection box Ø 49 mm

Cable Ø max. 12 mm
Insertion depth 38 mm

- with 2 cable entries

Strain relief not suitable for flat cables.

i 959

H 850°C

DESIGN	ORDER NO.	PU
grey, with 1x internal double cable clamp on side	**9 1887**	200



Contact protection box Ø 49 mm, deep

Cable Ø max. 12 mm
Insertion depth 45.5 mm

- with 2 cable entries on backside
- 1 knock out opening

Strain relief not suitable for flat cables.

i 959

H 850°C

DESIGN	ORDER NO.	PU
grey, with 1x external double strain relief	**9 1883**	200



Contact protection box 2gang

Cable Ø	max. 12 mm
Insertion depth	37 mm
length	109 mm
Width	49 mm

- for vertical and horizontal mounting
- with 2 cable entries
- 1 knock out opening

i 959

Only suitable for 2gang frames!
Strain reliefs not suitable for flat cables.

DESIGN	ORDER NO.	PU
grey, with strain relief	**9 1915 01**	10
grey, with 2 Strain reliefs	**9 1915 02**	10



Contact protection box 3gang

Cable Ø	max. 12 mm
Insertion depth	38 mm
length	168 mm
Width	49 mm

- for vertical and horizontal mounting
- with 6 cable entries, 1 per side, top, bottom and 2 on backside
- 5 knock out openings

i 959

Strain relief not suitable for flat cables.
Restricted installation options apply if the strain relief is mounted on the front face.

All devices can optionally be arranged vertically or horizontally.

Only suitable for 3gang frames!

DESIGN	ORDER NO.	PU
grey, with 1 strain relief	**9 1933**	10



Contact protection box Ø 58 mm for terminal attachment

Cable Ø	max. 12 mm
Insertion depth	35 mm

Strain relief not suitable for flat cables.

SUITABLE FOR	ORDER NO.	PAGE
Fixing clamping ring	818 36 ..	589

DESIGN	ORDER NO.	PU
grey, with 1x internal cable clamp	**8 1837**	200

Fixing clamping rings



Fixing clamping ring

Hole Ø	50 mm

For Berker Integro inserts, e. g. for installation in mirrors.

SUITABLE FOR	ORDER NO.	PAGE
Contact protection box Ø 58 mm for terminal attachment	818 37	589

DESIGN	ORDER NO.	PU
grey, Material thickness 5 mm	**8 1836**	200
dark grey, Material thickness 4 mm	**8 1836 01**	200
polar white matt, Material thickness 6 mm	**8 1836 02**	200

Mounting templates



Mounting template 3gang, cardboard

For precise hole drilling for 1gang appliances and for 2gang and 3gang combinations.

DESIGN	ORDER NO.	PU
grey, cardboard	**9 1844**	10

Entries/connectors



Wire and duct entry

Also suitable for surface-mounted frames and housings from the flush-mounted ranges.

- for wire or 15 x 15 mm cable duct

SUITABLE FOR	ORDER NO.	PAGE
Surface-mounted housing high	9 1151 ..	587

DESIGN	ORDER NO.	PU
white	**1813**	10
polar white	**1813 09**	10
black	**1813 05**	10



Tube entry

Distance from wall to centre of pipe 16 mm

Also suitable for surface-mounted frames and housings from the flush-mounted ranges.

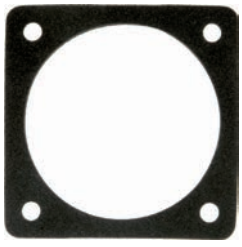
Suitable tubes for surface-mounted installation can be purchased at www.fraenkische-elektro.de.

- for tubes with coupling dia. 20.5 mm (PG 13.5) and M20
- for tubes with Ø 15.2 mm (PG 9) and M16

SUITABLE FOR	ORDER NO.	PAGE
Surface-mounted housing high	9 1151 ..	587

DESIGN	ORDER NO.	PU
polar white	**1817 09**	10
black	**1817 05**	10

Sealings IP44



IP44

Sealing

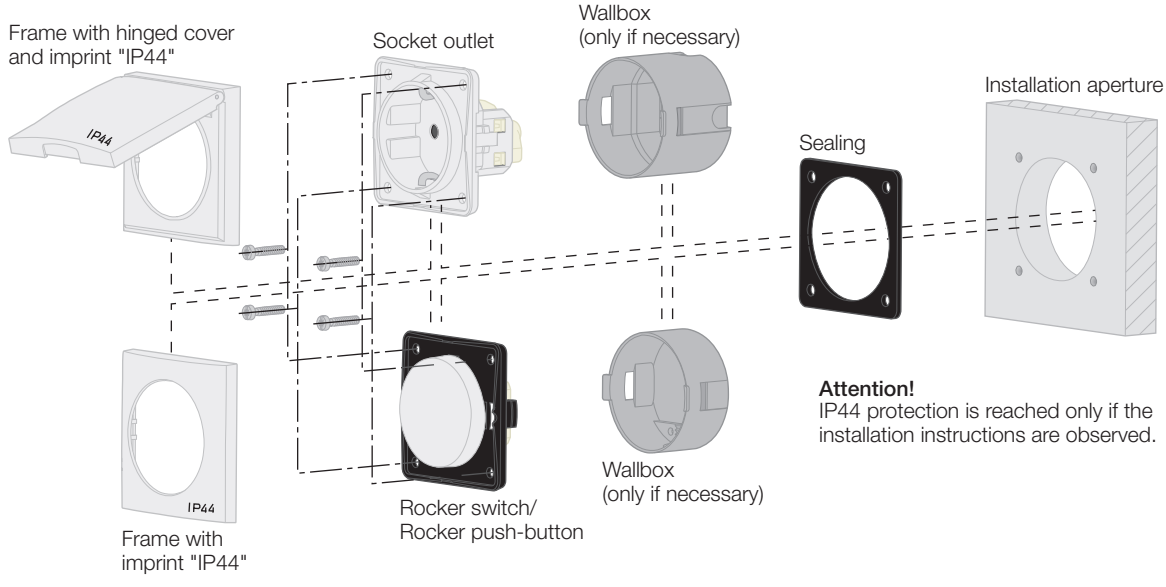
Not for switches/buttons with split rocker!

- for SCHUKO socket outlets and socket outlets with earthing pin (frame with hinged cover required!)
- for rocker switches/rocker push-buttons

SUITABLE FOR	ORDER NO.	PAGE
SCHUKO SOCKET OUTLETS		page 568
Socket outlets with earthing pin		page 570
Rocker switches		page 574
Multi-pole rocker switches		page 575
Rocker push-buttons		page 576
Frame with imprint "IP44"	9 1827 ..	586
Frame with hinged cover	9 1828 ..	586

DESIGN	ORDER NO.	PU
black	**9 1853**	10

INSTALLATION INSTRUCTIONS OF IP44 COVERS



Attention!
IP44 protection is reached only if the installation instructions are observed.



Manufaktur (from Latin "manus" – the hand and "factura" – to make, the production of) were originally in the main workshops for the production of silk and porcelain products. Today the term refers to industrial enterprises that produce goods to customers' individual specifications.



More and more people are following the trend of not following a trend. For these people, there is Berker Manufaktur.

This is where we create switches that are a real blend of hi-tech and handicraft, that are utterly unique. We often design items together with architects and planners for a very particular property or for a special project. Some have their source in the very special wishes of a property owner who is looking for somethingwhich they can simply not find available on the market.

It's a source of pride to us that we can make these wishes a reality. What matters is individuality, so almost every product is one of a kind. And therefore as individual as the environment for which it has been made.

BERKER MANUFAKTUR
REAL ONE-OFFS, MADE TO MEASURE

Berker was founded in 1919 as a „Specialised Factory for Electrotechnical Devices“. Even our name showed our intention of finding specialised solutions for customers. And this intention is no different, even today.

At Berker Manufaktur, we apply individual and highly-specialised surface finishes to our switch ranges.



Berker TS,
burnished brass



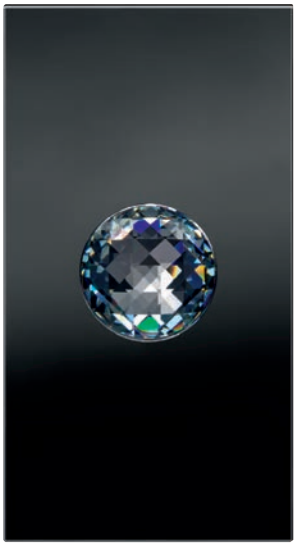
Berker B.7,
burnished brass



Berker R.3,
burnished brass



Berker TS,
glass black



Berker TS Crystal Ball,
glass black



Berker TS,
glass black, with socket outlet

The basis of each Manufaktur product is always one of our switch ranges. Each of them can be refined by printing, surface treatment or finishing with special materials, to turn it into a highly-individual switch.

SPECIAL LABELLING – LETTERING AND SYMBOLS



Berker B.7,
with lettering



Berker S.1,
with symbols and logo

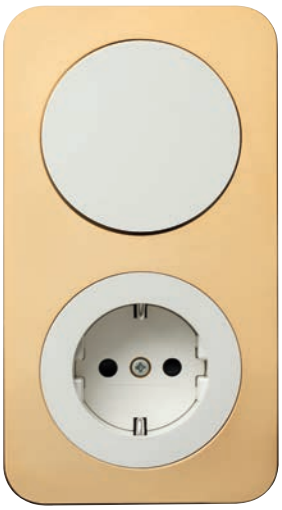


Berker B.IQ,
with laser-cut symbols

SURFACE TREATMENT



Berker R.1,
brass satinised with surface protection



Berker R.1,
24-carat gold-plated

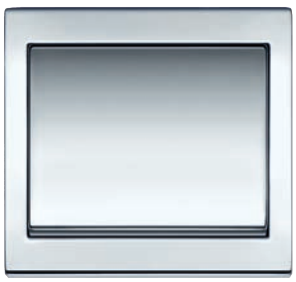


Berker R.1,
stainless steel brushed, chamfer gloss grounded, black

BERKER MANUFAKTUR
MAXIMISE YOUR POSSIBILITIES

The Manufaktur exhibits on these pages are just a few examples for the surprising range of options offered by Berker Manufaktur. Just speak to your contact at Berker about your special switch production. We would be glad to show the whole spectrum of options - and to provide you with a non-binding offer.

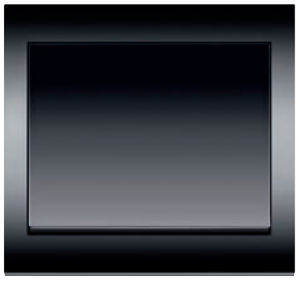
SURFACE TREATMENT



Berker K.5,
chrome, glossy



Berker K.1,
quartz-grey metallic lacquered



Berker K.1,
black, glossy

SPECIAL PROCESSING



Berker TS,
with socket outlets



Berker TS brass with push-button
and room thermostat



Berker TS, special length,
printed lettering

B.7 Stainless steel in a new design. Galvanically refined and with protective lacquer. Slightly shimmering red copper.



Berker B.7 stainless steel, copper galvanised



Berker

SCHUKO SOCKET OUTLETS	
WITH HINGED COVER	603-605
INTERNATIONAL SOCKET OUTLET SYSTEMS	606
COVERS FOR SWITCHES/PUSH-BUTTONS	606-611
COVERS FOR DIMMERS	611-612
BLC CONTROLLERS	612-615
COVERS FOR BLIND SWITCHES/	
PUSH-BUTTONS	615-616
HVAC COVERS	616-618
COVERS FOR PILOT LAMPS	618-619
BLANK PLATES	619-620
BARRIER-FREE CONSTRUCTION	620-621
SEALINGS IP44	622-624
INTERMEDIATE RINGS FOR CENTRAL PLATES	624

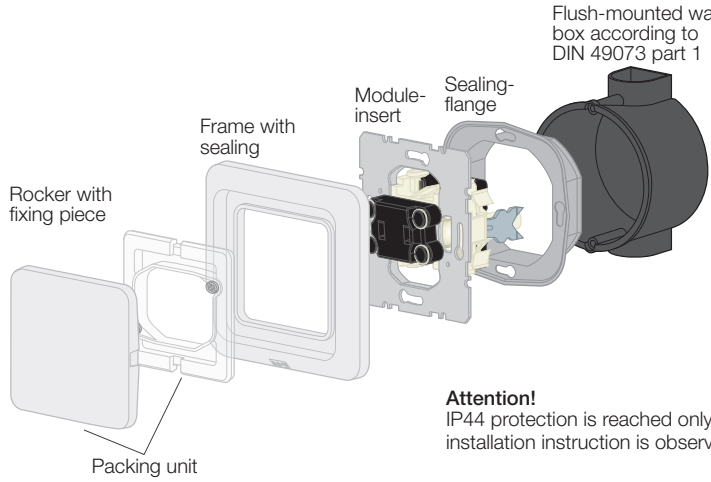
Even in places where things can get damp or wet, it's still not necessary to forget about aesthetics: some rockers, centre plates and sockets from the Berker Q.1/Q.3, K.1/K.5, Arsys and R.1/R.3 switch programmes can be installed so that they are water-proof. Sole condition: the seal must be installed full-face.

- Frames and covers to match the inserts for standard and comfort ranges (not including key switches)
- Sealing sets available for selected standard and comfort ranges
  Important: note that there are different sealing sets for switches/push-buttons and key switches/key push-buttons

Full-face sealing is essential.

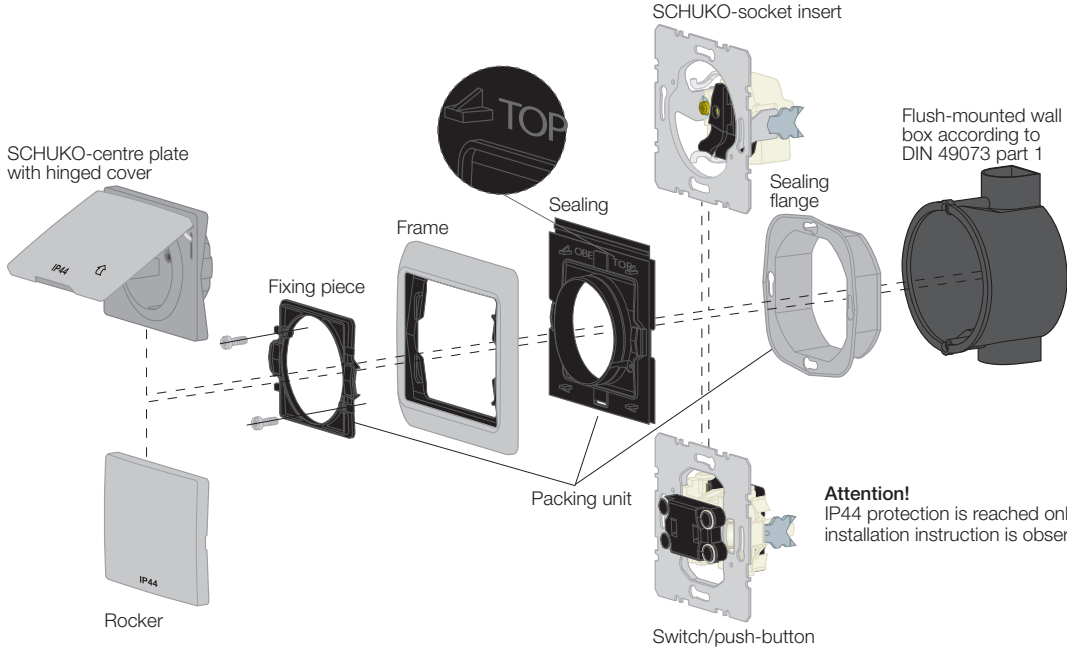
Marked items are suitable for installation of splash-protected flush-mounted IP 44 when used in conjunction with corresponding sealing set.

INSTALLATION INSTRUCTION FOR FLUSH-MOUNTED SPLASH PROTECTED IP44



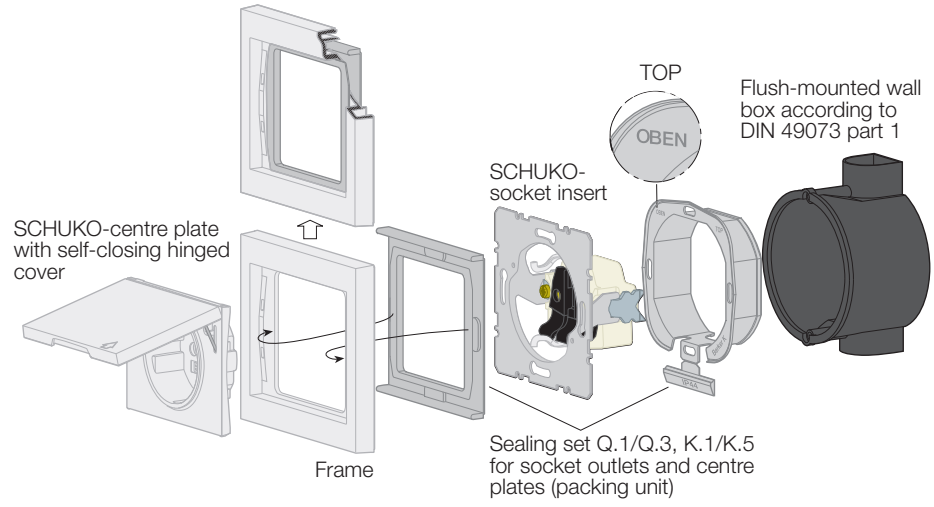
Attention!
IP44 protection is reached only if the installation instruction is observed.

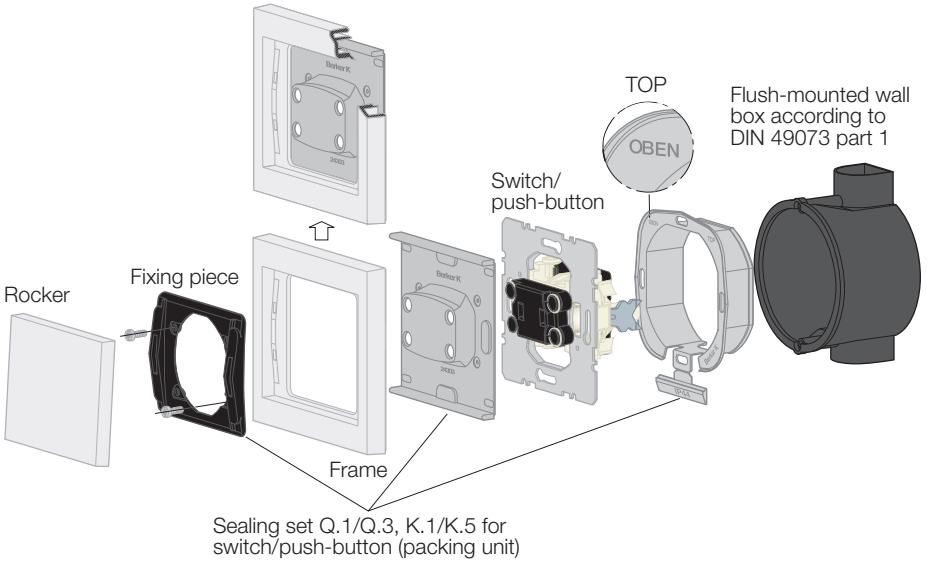
INSTALLATION INSTRUCTION FOR BERKER ARSYS IP44

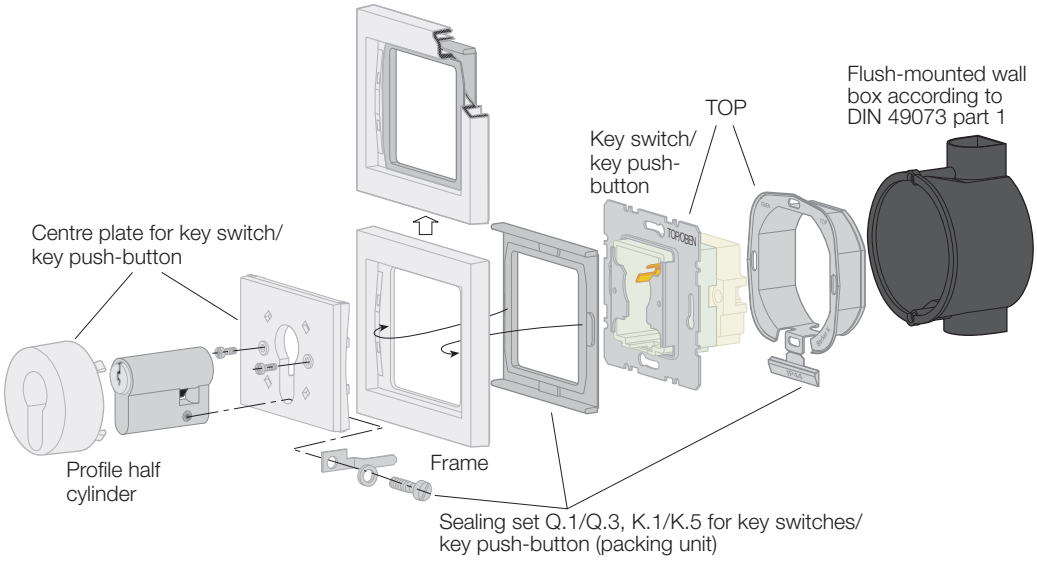


Attention!
IP44 protection is reached only if the installation instruction is observed.

INSTALLATION INSTRUCTIONS FOR BERKER Q.1/Q.3 AND K.1/K.5





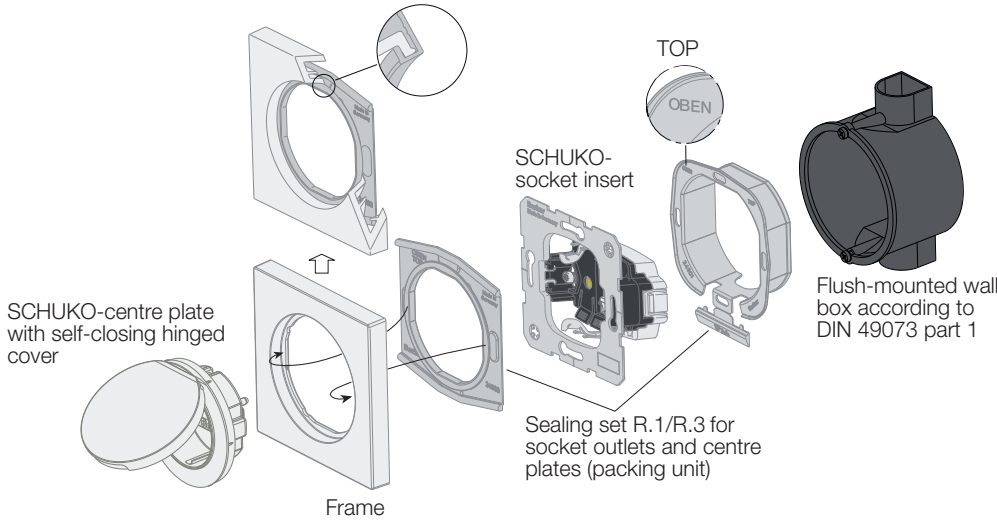


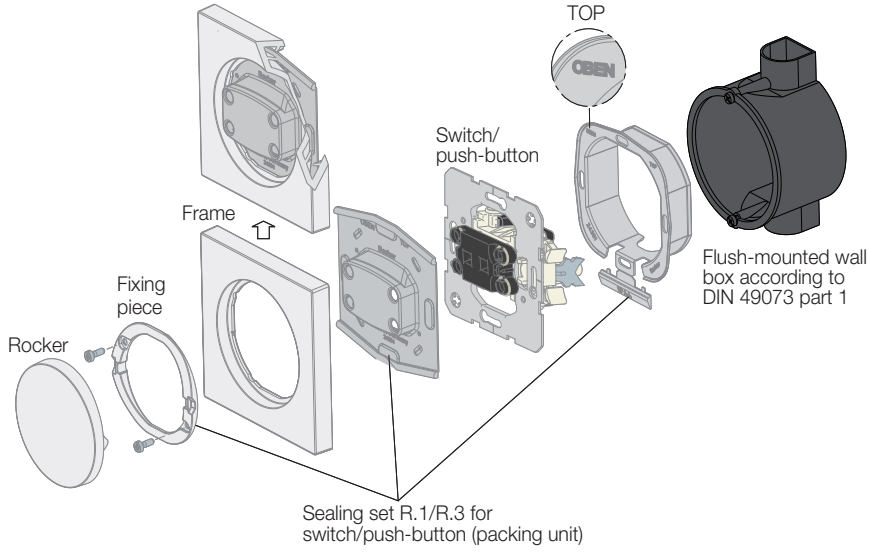
Application
IP44 protection is reached by using the sealing set and installing
- in flush-mounted wall box according to DIN 49073 part 1
- on smooth, even, vertically walls
- in finery-concisely inserted flush mounted wall boxes

IP44 protection is not guaranteed for floor assembly, ceiling mounting and assembly in hollow wall boxes.

Attention
IP44 protection is reached only if all installed articles are IP44 suitable (check markings) and the installation instruction is observed!

INSTALLATION INSTRUCTIONS FOR BERKER R.1/R.3





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Attention
IP44 protection is reached only if all installed articles are IP44 suitable (check markings) and the installation instruction is observed!

SCHUKO SOCKET OUTLETS WITH HINGED COVER

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.

SCHUKO socket outlets with hinged cover



SCHUKO socket outlet with hinged cover

Rated voltage 250 V~
Rated current 16 A

- with imprint
- with plug-in terminals

i 882





DESIGN	ORDER NO.	PU
Flush-mounted splash-protected IP44 - for sealing flange Order no. 1884		
white glossy	**4715**	10
polar white glossy	**4715 09**	10
brown glossy	**4715 01**	10
Berker Arsys - for sealing set Order no. 1010 00		
Stainless steel, metal matt finish	**4758 10 04**	10



SCHUKO socket outlet with hinged cover
- enhanced contact protection

- with imprint
- with plug-in terminals

i 882

Rated voltage 250 V~
Rated current 16 A





DESIGN	ORDER NO.	PU
Flush-mounted splash-protected IP44 - for sealing flange Order no. 1884		
white glossy	**4716**	10
polar white glossy	**4716 09**	10
brown glossy	**4716 01**	10
Berker Q.1/Q.3 - for sealing set Order no. 1010 72 00		
polar white velvety	**4751 60 89**	10
anthracite velvety, lacquered	**4751 60 86**	10



Berker K.1/K.5 - for sealing set Order no. 1010 72 00		
polar white glossy	**4751 72 09**	10
anthracite matt, lacquered	**4751 72 06**	10
Aluminium, aluminium anodised	**4751 72 03**	10
Stainless steel, metal matt finish	**4751 72 04**	10
Berker Arsys - for sealing set Order no. 1010 00		
Stainless steel, metal matt finish	**4758 30 04**	10



Berker R.1/R.3 - for sealing set Order no. 1010 76 00		
polar white glossy	**4751 20 89**	10
black glossy	**4751 20 45**	10



SCHUKO socket outlet with hinged cover

- Labelling field

- with imprint
- with plug-in terminals

i 882

Rated voltage 250 V~
Rated current 16 A





DESIGN	ORDER NO.	PU
Flush-mounted splash-protected IP44 - for sealing flange Order no. 1884		
white glossy [1]	**4719**	10
polar white glossy [1]	**4719 09**	10
brown glossy [1]	**4719 01**	10
Berker Arsys - for sealing set Order no. 1010 00		
Stainless steel, metal matt finish [2]	**4758 20 04**	10

[1] labelling field height arranged for 9 mm P-touch strips
[2] labelling field height arranged for 6 mm P-touch strips



SCHUKO socket outlet with hinged cover

- Labelling field
- enhanced contact protection

- with imprint
- with self-closing hinged covers
- with plug-in terminals

i 882

Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.





DESIGN	ORDER NO.	PU
Berker Q.1/Q.3 - for sealing set Order no. 1010 72 00		
polar white velvety	**4752 60 89**	10
anthracite velvety, lacquered	**4752 60 86**	10
Berker K.1/K.5 - for sealing set Order no. 1010 72 00		
polar white glossy	**4752 72 09**	10
anthracite matt, lacquered	**4752 72 06**	10
Aluminium, aluminium anodised	**4752 72 03**	10
Stainless steel, metal matt finish	**4752 72 04**	10



SCHUKO socket outlet with frame and hinged cover

Rated voltage 250 V~
Rated current 16 A

- with imprint
- with sealing flange
- with plug-in terminals

i 882



DESIGN	ORDER NO.	PU
Flush-mounted splash-protected IP44		
white glossy	**4718**	10
polar white glossy	**4718 09**	10
brown glossy	**4718 01**	10



SCHUKO socket outlet with cover plate and hinged cover

- Screw terminals

- with sealing cup
- for single mounting
- without spreader claws

Rated voltage 250 V~
Rated current 16 A

i 882

DESIGN	ORDER NO.	PU
Flush-mounted splash-protected IP44		
polar white glossy	**4211 09**	1
grey glossy	**4211**	1



SCHUKO socket outlet with hinged cover

- Lock - uneven closings

- e. g. for washing machine
- with imprint
- with 2 keys
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

i 882

Spare keys and other closures (max. 24) on request.

DESIGN	ORDER NO.	PU
Flush-mounted splash-protected IP44 - for sealing flange Order no. 1884		
white glossy	**4763**	1
polar white glossy	**4763 09**	1
brown glossy	**4763 01**	1



SCHUKO socket outlet with cover plate and hinged cover

- Lock - uneven closings
- Screw terminals

- e. g. for washing machine
- with sealing cup
- with 2 keys
- for single mounting
- without spreader claws

Rated voltage 250 V~
Rated current 16 A

i 882

Spare keys and other closures (max. 24) on request.

DESIGN	ORDER NO.	PU
Flush-mounted splash-protected IP44		
polar white glossy	**4212 09**	1
grey glossy	**4212**	1

SCHUKO socket outlets for special applications



SCHUKO socket outlet with hinged cover and imprint

- Labelling field
- enhanced contact protection

- with self-closing hinged covers
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

i 882

Labelling field height arranged for P-touch strips 6 mm.

DESIGN	ORDER NO.	PU
Berker Q.1/Q.3 - for sealing set Order no. 1010 72 00		
polar white velvety, Imprint "EDV" in red	**4752 60 59**	10
polar white velvety, Imprint "SV" in green	**4752 60 39**	10
polar white velvety, Imprint "ZSV" in orange	**4752 60 49**	10

INTERNATIONAL SOCKET OUTLET SYSTEMS

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.



Socket outlet with earthing contact and hinged cover USA/CANADA NEMA 5-15 R

- Screw terminals

- 2pole + earth
- without spreader claws

i 882

Rated voltage 125 V~
Rated current 15 A

Not UL-certified.
Standard NEMA 5-15 R

DESIGN	ORDER NO.	PU
Flush-mounted splash-protected IP44 - for sealing flange Order no. 1884		
white glossy	**4202**	10



Socket outlet with earthing contact and hinged cover USA/CANADA NEMA 5-20 R

- Screw terminals

- 2pole + earth
- without spreader claws

i 882

Rated voltage 125 V~
Rated current 20 A

Not UL-certified.
Standard NEMA 5-20 R

DESIGN	ORDER NO.	PU
Splash-protected flush-mounted IP44 - for sealing flange Order no. 1884		
white glossy	**4203**	10

COVERS FOR SWITCHES/PUSH-BUTTONS

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.

Covers for rocker switches/rocker push-buttons



Rocker

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20

DESIGN	ORDER NO.	PU
Flush-mounted splash-protected IP44 - for sealing flange Order no. 1884		
white glossy	**1550**	10
polar white glossy	**1550 09**	10
brown glossy	**1550 01**	10
Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00		
polar white velvety	**1620 60 89**	10
anthracite velvety, lacquered	**1620 60 86**	10





Berker K.1/K.5 - for sealing set Order no. 1010 71 00		
polar white glossy	**1405 70 09**	10
anthracite matt, lacquered	**1405 70 06**	10
Aluminium, aluminium anodised	**1405 70 03**	10
Stainless steel, metal matt finish	**1405 70 04**	10



DESIGN	ORDER NO.	PU
Berker R.1/R.3 - for sealing set Order-no. 1010 77 00		
polar white glossy	**1620 20 89**	10
black glossy	**1620 20 45**	10



Rocker screw-on

- with cover plug for screw fitting

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20

DESIGN	ORDER NO.	PU
Flush-mounted splash-protected IP44 - for sealing flange Order no. 1884		
white glossy	**1559**	10
polar white glossy	**1559 09**	10
brown glossy	**1559 01**	10



Rocker with imprint "IP44"

Not suitable for push-button (KNX) and group push-buttons (KNX).

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20

DESIGN	ORDER NO.	PU
Berker Arsys - for sealing set Order no. 1010 00		
Stainless steel, metal matt finish	**1424 10 04**	10



Rocker with imprint symbol

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20

DESIGN	ORDER NO.	PU
Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00		
polar white velvety, with imprinted symbol for light	**1620 60 49**	10
anthracite velvety, lacquered, with imprinted symbol for light	**1620 60 46**	10
polar white velvety, with imprinted symbol for bell	**1620 60 59**	10
anthracite velvety, lacquered, with imprinted symbol for bell	**1620 60 56**	10
polar white velvety, with imprinted symbol for door opener	**1620 60 69**	10
anthracite velvety, lacquered, with imprinted symbol for door opener	**1620 60 66**	10
Berker R.1/R.3 - for sealing set Order-no. 1010 77 00		
polar white glossy, with imprinted symbol for light	**1620 20 79**	10
black glossy, with imprinted symbol for light	**1620 20 35**	10
polar white glossy, with imprinted symbol for bell	**1620 20 69**	10
black glossy, with imprinted symbol for bell	**1620 20 25**	10
polar white glossy, with imprinted symbol for door opener	**1620 20 59**	10
black glossy, with imprinted symbol for door opener	**1620 20 15**	10





Rocker

- Labelling field

For labelling with name, information notice, etc.

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20





DESIGN	ORDER NO.	PU
Flush-mounted splash-protected IP44 - for sealing flange Order no. 1884		
white glossy [1]	**1629**	10
polar white glossy [1]	**1629 09**	10
brown glossy [1]	**1629 01**	10
Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00		
polar white velvety [2]	**1626 60 89**	10
anthracite velvety, lacquered [2]	**1626 60 86**	10
Berker K.1/K.5 - for sealing set Order no. 1010 71 00		
polar white glossy [2]	**1426 70 09**	10
anthracite matt, lacquered [2]	**1426 70 06**	10
Aluminium, aluminium anodised [2]	**1426 70 03**	10
Stainless steel, metal matt finish [2]	**1426 70 04**	10

[1] labelling field height arranged for 9 mm P-touch strips
[2] labelling field height arranged for 6 mm P-touch strips



Rocker with imprint "IP44"

- Labelling field

Not suitable for push-button (KNX) and group push-buttons (KNX).

Labelling field height designed for 6 mm P-touch strips.

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20

DESIGN	ORDER NO.	PU
Berker Arsys - for sealing set Order no. 1010 00		
Stainless steel, metal matt finish	**1436 10 04**	10



Rocker

- Lens

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20





DESIGN	ORDER NO.	PU
Flush-mounted splash-protected IP44 - for sealing flange Order no. 1884		
white glossy	**1553**	10
polar white glossy	**1553 09**	10
brown glossy	**1553 11**	10
Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00		
polar white velvety [1]	**1621 60 89**	10
anthracite velvety, lacquered [1]	**1621 60 86**	10
Berker K.1/K.5 - for sealing set Order no. 1010 71 00		
polar white glossy	**1415 70 09**	10
anthracite matt, lacquered	**1415 70 06**	10
Aluminium, aluminium anodised	**1415 70 03**	10
Stainless steel, metal matt finish	**1415 70 04**	10



DESIGN	ORDER NO.	PU
Berker R.1/R.3 - for sealing set Order-no. 1010 77 00		
polar white glossy [2]	**1621 20 89**	10
black glossy [2]	**1621 20 45**	10

[1] only orange and clear lenses enclosed
[2] with clear lens only



Rocker screw-on

- Lens



Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- for illumination and monitoring circuit
- with cover plug for screw fitting

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20

DESIGN	ORDER NO.	PU
Flush-mounted splash-protected IP44 - for sealing flange Order no. 1884		
white glossy	**1557**	10
polar white glossy	**1557 09**	10
brown glossy	**1557 01**	10



Rocker with imprinted symbol for light

- Lens



Lenses available in orange and clear.
The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20

DESIGN	ORDER NO.	PU
Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00		
polar white velvety	**1621 60 79**	10
anthracite velvety, lacquered	**1621 60 76**	10
Berker R.1/R.3 - for sealing set Order-no. 1010 77 00		
polar white glossy [1]	**1621 20 79**	10
black glossy [1]	**1621 20 35**	10

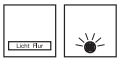


[1] with clear lens only



Rocker

- Labelling field
- Lens



For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20

DESIGN	ORDER NO.	PU
Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00		
polar white velvety [1]	**1628 60 89**	10
anthracite velvety, lacquered [1]	**1628 60 86**	10



Berker K.1/K.5 - for sealing set Order no. 1010 71 00		
polar white glossy [2]	**1415 71 09**	10
anthracite matt, lacquered [2]	**1415 71 06**	10
Aluminium, aluminium anodised [2]	**1415 71 03**	10
Stainless steel, metal matt finish [2]	**1415 71 04**	10

[1] only orange and clear lenses enclosed
[2] lenses with symbol for light, bell, door opener, also neutral in clear and red enclosed

Covers for multi-pole rocker switches



Rocker with imprint "0"

	SUITABLE FOR Multi-pole rocker switches	ORDER NO.	PAGE page 25
DESIGN	ORDER NO.		PU
Flush-mounted splash-protected IP44 - for sealing flange Order no. 1884			
white glossy	**1551**		10
polar white glossy	**1551 09**		10
brown glossy	**1551 11**		10
Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00			
polar white velvety	**1622 60 89**		10
anthracite velvety, lacquered	**1622 60 86**		10



Berker K.1/K.5 - for sealing set Order no. 1010 71 00		
polar white glossy	**1425 71 09**	10
anthracite matt, lacquered	**1425 71 06**	10
Aluminium, aluminium anodised	**1425 71 03**	10
Stainless steel, metal matt finish	**1425 71 04**	10
Berker R.1/R.3 - for sealing set Order-no. 1010 77 00		
polar white glossy	**1622 20 89**	10
black glossy	**1622 20 45**	10



Rocker with imprint "0"
- Red lens

- for illumination and monitoring circuit
- also for KNX applications: group push-button, 1gang

	SUITABLE FOR Multi-pole rocker switches	ORDER NO.	PAGE page 25
DESIGN	ORDER NO.		PU
Flush-mounted splash-protected IP44 - for sealing flange Order no. 1884			
white glossy	**1558**		10
polar white glossy	**1558 09**		10
brown glossy	**1558 01**		10
Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00			
polar white velvety [1]	**1624 60 89**		10
anthracite velvety, lacquered [1]	**1624 60 86**		10



Berker K.1/K.5 - for sealing set Order no. 1010 71 00		
polar white glossy	**1417 71 09**	10
anthracite matt, lacquered	**1417 71 06**	10
Aluminium, aluminium anodised	**1417 71 03**	10
Stainless steel, metal matt finish	**1417 71 04**	10
Berker R.1/R.3 - for sealing set Order-no. 1010 77 00		
polar white glossy [2]	**1624 20 89**	10
black glossy [2]	**1624 20 45**	10

[1] with orange lens
[2] with clear lens

Covers for combination rocker switches/rocker push-buttons



Rocker 2gang

- also for KNX applications: push-button, 2gang, and group push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches, 2gang		page 27
Series push-buttons		page 28

DESIGN	ORDER NO.	PU
Flush-mounted splash-protected IP44 - for sealing flange Order no. 1884		
white glossy	**1552**	10
polar white glossy	**1552 09**	10
brown glossy	**1552 11**	10



Rocker 2gang

- with cover plug for screw fitting

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches, 2gang		page 27
Series push-buttons		page 28

DESIGN	ORDER NO.	PU
Flush-mounted splash-protected IP44 - for sealing flange Order no. 1884		
white glossy	**1565**	10
polar white glossy	**1565 09**	10
brown glossy	**1565 11**	10

Centre plates for key switches/key push-buttons



Centre plate for key switch/key push-button

- for master-key systems

SUITABLE FOR	ORDER NO.	PAGE
Change-over switch for lock cylinders	3836 20	32
Lock cylinder	1818 ..	72
Push-button for lock cylinder	3856 20	32

DESIGN	ORDER NO.	PU
Flush-mounted splash-protected IP44 - for sealing flange Order no. 1884		
white glossy	**1519 12**	10
polar white glossy	**1519 19**	10
brown glossy	**1519 11**	10



Berker Q.1/Q.3 - for sealing set Order.-no. 1010 70 00		
polar white velvety	**1507 60 89**	10
anthracite velvety, lacquered	**1507 60 86**	10



Berker K.1/K.5 - for sealing set Order.-no. 1010 70 00		
polar white glossy	**1505 70 09**	10
anthracite matt, lacquered	**1505 70 06**	10
aluminium matt, lacquered	**1505 70 03**	10
stainless steel matt, lacquered	**1505 70 04**	10

COVERS FOR DIMMERS

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.



Centre plate for rotary dimmer

- Setting knob

SUITABLE FOR	ORDER NO.	PAGE
Rotary dimmers		page 38
Rotary potentiometers DALI		page 44
1-10 V Rotary potentiometers		page 45

DESIGN	ORDER NO.	PU
Berker Q.1/Q.3 - for sealing set Order no. 1010 72 00		
polar white velvety	**1137 60 89**	10
anthracite velvety, lacquered	**1137 60 86**	10





Berker K.1/K.5 - for sealing set Order no. 1010 72 00		
polar white glossy	**1135 70 09**	10
anthracite matt, lacquered	**1135 70 06**	10
Aluminium, aluminium anodised	**1135 70 03**	10
Stainless steel, metal matt finish	**1135 70 04**	10
Berker R.1/R.3 - for sealing set Order no. 1010 76 00		
polar white glossy	**1137 20 89**	10
black glossy	**1137 20 45**	10

BLC CONTROLLERS

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.





BLC controller comfort 1.1 m IP44

Nominal mounting height	1.1 m
Delay time, adjustable	≈ 10 s ... 30 min
immunity time	≈ 3 s
Time to dim down	30 s
Short time mode	0.5 s
Range, frontal	≈ 10 m
Range, side	each ≈ 6 m
Detection field, semi-oval shaped	≈ 10 x 12 m
Detection angle	180 °
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 0 ... 80 lx
Operating temperature	-20 ... +45 °C
Dimensions assembling height	23.5 mm

- with adaptive sensitivity adjustment
- with dimming function (soft-off) when using BLC dimmer inserts
- glare-proof, e.g. against a torch
- with teach function for response brightness
- µ-processor controlled operation (detection signal evaluation and interference signal suppression)
- switch-on brightness in conjunction with BLC dimmer inserts can only be saved via BLC extension unit
- no switch-on in case of inadvertent brief shadowing
- activation by push-button, NC contact in the line
- step operation with immunity time (e.g. for bell)
- with cover to limit detection angle to 90°

SUITABLE FOR — **ORDER NO.** — **PAGE**
BLC Inserts — page 85

i 892

Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the motion detector. Only suitable for indoor areas!

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.







DESIGN	ORDER NO.	PU
Flush-mounted splash-protected IP44 - for sealing flange Order no. 1884		
white glossy	# **1784**	1
polar white glossy	# **1784 19**	1
brown glossy	# **1784 11**	1
Berker Q.1/Q.3		
polar white velvety [1]	# **1784 61 89**	1
anthracite velvety, lacquered [1]	# **1784 61 86**	1
Berker K.1/K.5		
polar white glossy [1]	# **1784 71 09**	1
anthracite matt, lacquered [1]	# **1784 71 06**	1

[1] sealing set enclosed





BLC controller comfort 2.2 m IP44

Nominal mounting height	2.2 m
Delay time, adjustable	≈ 10 s ... 30 min
immunity time	≈ 3 s
Time to dim down	30 s
Short time mode	0.5 s
Range, frontal (at 1.1 m installation height)	≈ 6 m
Range, frontal	≈ 12 m
Range, side (at 1.1 m installation height)	each ≈ 3 m
Range, side	each ≈ 6 m
Detection field, semi-oval shaped	≈ 12 x 12 m
Detection angle	180 °
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 0 ... 80 lx
Operating temperature	-20 ... +45 °C
Dimensions assembling height	23.5 mm

- with adaptive sensitivity adjustment
- with dimming function (soft-off) when using BLC dimmer inserts
- glare-proof, e.g. against a torch
- with teach function for response brightness
- µ-processor controlled operation (detection signal evaluation and interference signal suppression)
- switch-on brightness in conjunction with BLC dimmer inserts can only be saved via BLC extension unit
- no switch-on in case of inadvertent brief shadowing
- activation by push-button, NC contact in the line
- step operation with immunity time (e.g. for bell)
- with cover to limit detection angle to 90°

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.

SUITABLE FOR
BLC Inserts

ORDER NO.

PAGE
page 85

i 892







DESIGN	ORDER NO.	PU
Flush-mounted splash-protected IP44 - for sealing flange Order no. 1884		
white glossy	# **1787**	1
polar white glossy	# **1787 19**	1
brown glossy	# **1787 11**	1
Berker Q.1/Q.3		
polar white velvety [1]	# **1787 61 89**	1
anthracite velvety, lacquered [1]	# **1787 61 86**	1
Berker K.1/K.5		
polar white glossy [1]	# **1787 71 09**	1
anthracite matt, lacquered [1]	# **1787 71 06**	1

[1] sealing set enclosed





BLC controller 1.1 m IP44

Nominal mounting height	1.1 m
Range, frontal	≈ 10 m
Range, side	each ≈ 6 m
Detection field, semi-oval shaped	≈ 10 x 12 m
Detection angle	180 °
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 0 ... 80 lx
Delay time	≈ 2 min
Operating temperature	-20 ... +45 °C
Dimensions assembling height	23.5 mm

- activation by push-button, NC contact in the line
- with cover to limit detection angle to 90°

SUITABLE FOR — **ORDER NO.** — **PAGE**
BLC Inserts — page 85

i **892**

Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the motion detector. Only suitable for indoor areas!

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.







DESIGN	ORDER NO.	PU
Flush-mounted splash-protected IP44 - for sealing flange Order no. 1884		
white glossy	# **1783**	1
polar white glossy	# **1783 19**	1
brown glossy	# **1783 11**	1
Berker Q.1/Q.3		
polar white velvety [1]	# **1783 61 89**	1
anthracite velvety, lacquered [1]	# **1783 61 86**	1
Berker K.1/K.5		
polar white glossy [1]	# **1783 71 09**	1
anthracite matt, lacquered [1]	# **1783 71 06**	1

[1] sealing set enclosed





BLC controller 2.2 m IP44

Nominal mounting height	2.2 m
Range, frontal (at 1.1 m installation height)	≈ 6 m
Range, frontal	≈ 12 m
Range, side (at 1.1 m installation height)	each ≈ 3 m
Range, side	each ≈ 6 m
Detection field, semi-oval shaped	≈ 12 x 12 m
Detection angle	180 °
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 0 ... 80 lx
Delay time	≈ 2 min
Operating temperature	-20 ... +45 °C
Dimensions assembling height	23.5 mm

- activation by push-button, NC contact in the line
- with cover to limit detection angle to 90°

SUITABLE FOR — **ORDER NO.** — **PAGE**
BLC Inserts — page 85

i **892**

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.



DESIGN	ORDER NO.	PU
Flush-mounted splash-protected IP44 - for sealing flange Order no. 1884		
white glossy	# **1786**	1
polar white glossy	# **1786 19**	1
brown glossy	# **1786 11**	1



Berker Q.1/Q.3

polar white velvety [1]	# **1786 61 89**	1
anthracite velvety, lacquered [1]	# **1786 61 86**	1



Berker K.1/K.5

polar white glossy [1]	# **1786 71 09**	1
anthracite matt, lacquered [1]	# **1786 71 06**	1

[1] sealing set enclosed

COVERS FOR BLIND SWITCHES/PUSH-BUTTONS

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.

Rockers with imprint



Rocker 2gang with imprinted arrow symbol

- also for KNX applications: push-button, 2gang

SUITABLE FOR	ORDER NO.	PAGE
Blind series switch 1pole	3035 20	108
Blind series switch 1pole	5035 20	108

DESIGN	ORDER NO.	PU
Flush-mounted splash-protected IP44 - for sealing flange Order no. 1884		
white glossy	**1552 22**	10
polar white glossy	**1552 29**	10
brown glossy	**1552 21**	10

Centre plates for rotary switches for blinds



Centre plate with rotary knob for rotary switch for blinds

- with imprint

SUITABLE FOR	ORDER NO.	PAGE
Rotary switch for blinds 1pole	3841	110
Rotary switch for blinds 2pole	3842	110

DESIGN	ORDER NO.	PU
Flush-mounted splash-protected IP44 - for sealing flange Order no. 1884		
white glossy	**1529**	1
polar white glossy	**1529 09**	1
brown glossy	**1529 01**	1
Berker Q.1/Q.3 - for sealing set Order no. 1010 72 00		
polar white velvety	**1080 60 89**	1
anthracite velvety, lacquered	**1080 60 86**	1





Berker K.1/K.5 - for sealing set Order no. 1010 72 00		
polar white glossy	**1077 71 09**	1
anthracite matt, lacquered	**1077 71 06**	1
Aluminium, aluminium anodised	**1077 71 03**	1
Stainless steel, metal matt finish	**1077 71 04**	1
Berker R.1/R.3 - for sealing set Order no. 1010 76 00		
polar white glossy	**1080 20 89**	1
black glossy	**1080 20 45**	1



Centre plates for key switches/key push-buttons for blinds



Centre plate for key push-button for blinds/key switch

- with imprint
- for master-key systems

SUITABLE FOR	ORDER NO.	PAGE
Switch for blinds 1pole for lock cylinder	3821 20	113
Push-button for blinds 1pole for lock cylinder	3831 20	114
Lock cylinder	1818 ..	72

DESIGN	ORDER NO.	PU
Flush-mounted splash-protected IP44 - for sealing flange Order no. 1884		
white glossy	**1518 12**	10
polar white glossy	**1518 19**	10
brown glossy	**1518 11**	10
Berker Q.1/Q.3 - for sealing set Order.-no. 1010 70 00		
polar white velvety	**1506 60 89**	10
anthracite velvety, lacquered	**1506 60 86**	10





Berker K.1/K.5 - for sealing set Order.-no. 1010 70 00		
polar white glossy	**1504 71 09**	10
anthracite matt, lacquered	**1504 71 06**	10
aluminium matt, lacquered	**1504 71 03**	10
stainless steel matt, lacquered	**1504 71 04**	10

HVAC COVERS

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.

Covers for heating emergency switches/push-buttons



Rocker with imprint "Heizung Notschalter"

- Red lens

Or use glass pane-protected heating emergency switch.

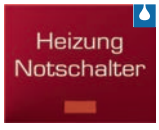
Not suitable for heating systems > 50 kW.

- for monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20

DESIGN	ORDER NO.	PU
Flush-mounted splash-protected IP44 - for sealing flange Order no. 1884		
white glossy	**1568**	10
polar white glossy	**1568 09**	10
brown glossy	**1568 01**	10
Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00		
polar white velvety [1]	**1621 60 69**	10





Berker K.1/K.5 - for sealing set Order no. 1010 71 00		
red glossy	**1488 71 15**	10



Berker R.1/R.3 - for sealing set Order-no. 1010 77 00		
polar white glossy [2]	**1621 20 49**	10

[1] with orange lens
[2] with clear lens



Rocker with imprint "Heizung Notschalter - 0"

- Red lens

Or use glass pane-protected heating emergency switch.

Not suitable for heating systems > 50 kW.

- for illumination and monitoring circuit
- also for KNX applications: group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Multi-pole rocker switches		page 25

DESIGN	ORDER NO.	PU
Flush-mounted splash-protected IP44 - for sealing flange Order no. 1884		
white glossy	**1569**	10
polar white glossy	**1569 09**	10
brown glossy	**1569 01**	10



Centre plate with glass plate

- Rocker

The cover can be replaced with the standard rocker on all rocker switches and rocker push-buttons in this range.

Housing screws made of stainless steel.

Adhesive label sheets, text white: "Notschalter", "Rauch-abzug", "Feuerschutztür schließen", "Feuerabschluss schließen", "Heizung", "Lichtkuppel", "Hausalarm" and "Öffnen".

Not suitable for heating systems > 50 kW.

The glass pane protects against incorrect usage.

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20

DESIGN	ORDER NO.	PU
Flush-mounted splash-protected IP44 - for sealing flange Order no. 1884		
red glossy	**1295**	10

Centre plates for air conditioner/fan controllers



Centre plate with rotary knob for 3-step switch

- 0 position

- with imprint

SUITABLE FOR	ORDER NO.	PAGE
3-step switch	3861 ..	142

DESIGN	ORDER NO.	PU
Berker Q.1/Q.3 - for sealing set Order no. 1010 72 00		
polar white velvety	**1096 60 89**	1
anthracite velvety, lacquered	**1096 60 86**	1
Berker K.1/K.5 - for sealing set Order no. 1010 72 00		
polar white glossy	**1087 71 09**	1
anthracite matt, lacquered	**1087 71 06**	1
Aluminium, aluminium anodised	**1087 71 03**	1
Stainless steel, metal matt finish	**1087 71 04**	1
Berker R.1/R.3 - for sealing set Order no. 1010 76 00		
polar white glossy	**1096 20 89**	1
black glossy	**1096 20 45**	1







Centre plate with rotary knob for 3-step switch

■ with imprint

SUITABLE FOR	ORDER NO.	PAGE
3-step switch	3861 ..	142





DESIGN	ORDER NO.	PU
Berker Q.1/Q.3 - for sealing set Order no. 1010 72 00		
polar white velvety, without 0-position: 2-1-3	**1084 60 89**	1
anthracite velvety, lacquered, without 0-position: 2-1-3	**1084 60 86**	1
Berker K.1/K.5 - for sealing set Order no. 1010 72 00		
polar white glossy, without 0-position: 2-1-3	**1088 71 09**	1
anthracite matt, lacquered, without 0-position: 2-1-3	**1088 71 06**	1
Aluminium, aluminium anodised, without 0-position: 2-1-3	**1088 71 03**	1
Stainless steel, metal matt finish, without 0-position: 2-1-3	**1088 71 04**	1
Berker R.1/R.3 - for sealing set Order no. 1010 76 00		
polar white glossy, without 0-position: 2-1-3	**1084 20 89**	1
black glossy, without 0-position: 2-1-3	**1084 20 45**	1



Centre plate for speed controller

- Setting knob

■ with imprinted symbol curve

SUITABLE FOR	ORDER NO.	PAGE
Speed controllers	2968 01	143

Axis dimension Ø 4 mm





DESIGN	ORDER NO.	PU
Berker Q.1/Q.3 - for sealing set Order no. 1010 72 00		
polar white velvety	**1137 60 79**	10
anthracite velvety, lacquered	**1137 60 76**	10
Berker K.1/K.5 - for sealing set Order no. 1010 72 00		
polar white glossy	**1135 72 09**	10
anthracite matt, lacquered	**1135 72 06**	10
Aluminium, aluminium anodised	**1135 72 03**	10
Stainless steel, metal matt finish	**1135 72 04**	10
Berker R.1/R.3 - for sealing set Order no. 1010 76 00		
polar white glossy	**1137 20 79**	10
black glossy	**1137 20 35**	10

COVERS FOR PILOT LAMPS

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.



Centre plate for push-button/pilot lamp E10

Cut-out Ø 27.3 mm

■ centre plate for plug-in fixing

SUITABLE FOR	ORDER NO.	PAGE
Push-button/pilot lamp E10, NO contact	5101 ..	60

DESIGN	ORDER NO.	PU
Flush-mounted splash-protected IP44 - for sealing flange Order no. 1884		
white glossy	**1530**	10
polar white glossy	**1530 09**	10
brown glossy	**1530 01**	10

Centre plate for pilot lamp E14







	SUITABLE FOR Pilot lamp E14	ORDER NO. 5131 02	PAGE 61
DESIGN	ORDER NO.		PU
Berker Q.1/Q.3 - for sealing set Order no. 1010 72 00			
polar white velvety	**1198 60 89**		10
anthracite velvety, lacquered	**1198 60 86**		10
Berker K.1/K.5 - for sealing set Order no. 1010 72 00			
polar white glossy	**1167 70 09**		10
anthracite matt, lacquered	**1167 70 06**		10
aluminium matt, lacquered	**1167 70 03**		10
stainless steel matt, lacquered	**1167 70 04**		10
Berker R.1/R.3 - for sealing set Order no. 1010 76 00			
polar white glossy	**1198 20 89**		10
black glossy	**1198 20 45**		10

BLANK PLATES

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.

Blind plug with centre plate









- on supporting plate without cut-out
- centre plate for plug-in fixing

DESIGN	ORDER NO.	PU
Berker Q.1/Q.3 - for sealing set Order no. 1010 72 00		
polar white velvety [1]	**1009 60 89**	20
anthracite velvety, lacquered [1]	**1009 60 86**	20
polar white velvety [2]	**67 1009 60 89**	10
anthracite velvety, lacquered [2]	**67 1009 60 86**	10
Berker K.1/K.5 - for sealing set Order no. 1010 72 00		
polar white glossy [1]	**1045 70 09**	20
anthracite matt, lacquered [1]	**1045 70 06**	20
Aluminium, aluminium anodised [1]	**1045 70 03**	20
Stainless steel, metal matt finish [1]	**1045 70 04**	20
polar white glossy [2]	**67 1045 70 09**	10
anthracite matt, lacquered [2]	**67 1045 70 06**	10
Aluminium, aluminium anodised [2]	**67 1045 70 03**	10
Stainless steel, metal matt finish [2]	**67 1045 70 04**	10
Berker R.1/R.3 - for sealing set Order no. 1010 76 00		
polar white glossy [1]	**1009 20 89**	20
black glossy [1]	**1009 20 45**	20

[1] without spreader claws
[2] with base and spreader claws

Blind plug with centre plate, screw-on





- on supporting plate with large cut-out
- space-saving for relays, etc.
- for customised cut-outs or holes when installing special solutions
- without spreader claws
- with cover plug for screw fitting

DESIGN	ORDER NO.	PU
Berker Q.1/Q.3 - for sealing set Order no. 1010 72 00		
polar white velvety	**1009 60 79**	20
anthracite velvety, lacquered	**1009 60 76**	20



Berker K.1/K.5 - for sealing set Order no. 1010 72 00		
polar white glossy	**1045 71 09**	20
anthracite matt, lacquered	**1045 71 06**	20

BARRIER-FREE CONSTRUCTION

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.

The following rockers are conformant with DIN 18024-2 and DIN 18025-1 and -2.

Rockers - barrier-free construction



Rocker for barrier-free construction

- **Guide for mouth rod**
- **Lens**

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

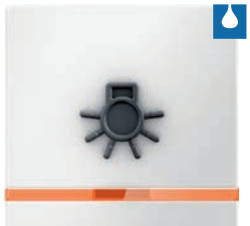
Lenses available in orange and clear.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20

DESIGN	ORDER NO.	PU
Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00		
polar white velvety	**1661 60 49**	10
Berker K.1/K.5 - for sealing set Order no. 1010 71 00		
polar white glossy [1]	**1661 71 09**	10
Berker R.1/R.3 - for sealing set Order-no. 1010 77 00		
polar white glossy [2]	**1661 20 49**	10

[1] lenses with symbol for light, bell, door opener, also neutral in clear and red enclosed
[2] with clear lens only



Rocker for barrier-free construction

- **Tactile light symbol**
- **Orange lens**

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker switches		page 20
Rocker push-buttons		page 20

DESIGN	ORDER NO.	PU
Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00		
polar white velvety	**1651 60 49**	10
Berker K.1/K.5 - for sealing set Order no. 1010 71 00		
polar white glossy [1]	**1651 71 09**	10
Berker R.1/R.3 - for sealing set Order-no. 1010 77 00		
polar white glossy [2]	**1651 20 49**	10

[1] with red lens
[2] with clear lens



Rocker for barrier-free construction

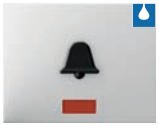
- Tactile bell symbol
- Orange lens

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker push-buttons		page 20

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

DESIGN	ORDER NO.	PU
Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00		
polar white velvety	**1651 60 59**	10
Berker K.1/K.5 - for sealing set Order no. 1010 71 00		
polar white glossy [1]	**1651 72 09**	10
Berker R.1/R.3 - for sealing set Order-no. 1010 77 00		
polar white glossy [2]	**1651 20 89**	10





[1] with red lens
[2] with clear lens



Rocker for barrier-free construction

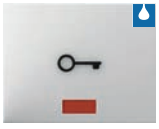
- Tactile symbol for door opener
- Orange lens

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
Rocker push-buttons		page 20

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

DESIGN	ORDER NO.	PU
Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00		
polar white velvety	**1651 60 69**	10
Berker K.1/K.5 - for sealing set Order no. 1010 71 00		
polar white glossy [1]	**1651 73 09**	10
Berker R.1/R.3 - for sealing set Order-no. 1010 77 00		
polar white glossy [2]	**1651 20 69**	10





[1] with red lens
[2] with clear lens

SEALINGS IP44



Sealing set for socket outlets/centre plates

SUITABLE FOR	ORDER NO.	PAGE
SCHUKO socket outlets with hinged cover		page 603
Centre plate for rotary dimmer		page 611
Centre plate with rotary knob for rotary switch for blinds		page 615
Centre plate for pilot lamp E14		page 619
Centre plates for air conditioner/fan controllers		page 617
BLANK PLATES		page 619

DESIGN	ORDER NO.	PU
Berker Q.1/Q.3, K.1/K.5		
transparent	**1010 72 00**	1



Sealing set for socket outlets/centre plates

SUITABLE FOR	ORDER NO.	PAGE
SCHUKO socket outlets with hinged cover		page 603
Centre plate for rotary dimmer		page 611
Centre plate with rotary knob for rotary switch for blinds		page 615
Centre plates for air conditioner/fan controllers		page 617
Centre plate for pilot lamp E14		page 619
BLANK PLATES		page 619
Socket outlet with earthing pin and hinged cover	67 6583 20 ..	451

DESIGN	ORDER NO.	PU
Berker R.1/R.3		
transparent	**1010 76 00**	1



Sealing set for switches/push-buttons

- also for KNX applications: push-button, 1gang, and group push-button, 1gang
- with IP44 fixing piece to screw on

SUITABLE FOR	ORDER NO.	PAGE
Covers for rocker switches/rocker push-buttons		page 606
Covers for multi-pole rocker switches		page 610
Covers for heating emergency switches/ push-buttons		page 616
Rockers - barrier-free construction		page 620

DESIGN	ORDER NO.	PU
Berker Q.1/Q.3, K.1/K.5		
transparent	**1010 71 00**	1



Sealing set for switches/push-buttons

- also for KNX applications: push-button, 1gang, and group push-button, 1gang
- with IP44 fixing piece to screw on

SUITABLE FOR	ORDER NO.	PAGE
Covers for rocker switches/rocker push-buttons		page 606
Covers for multi-pole rocker switches		page 610
Covers for heating emergency switches/ push-buttons		page 616
Rockers - barrier-free construction		page 620

DESIGN	ORDER NO.	PU
Berker R.1/R.3		
transparent	**1010 77 00**	1



Sealing set for Arsys IP44 devices

SUITABLE FOR	ORDER NO.	PAGE
SCHUKO socket outlets with hinged cover		page 603
Covers for rocker switches/rocker push-buttons		page 606

DESIGN	ORDER NO.	PU
Berker Arsys IP44		
Sealing set for Arsys IP44 devices	**1010 00**	10



Sealing set for key switch/key push-button

SUITABLE FOR	ORDER NO.	PAGE
Centre plate for key switch/key push-button		page 611
Centre plate for key push-button for blinds/key switch		page 616

DESIGN	ORDER NO.	PU
Berker Q.1/Q.3, K.1/K.5		
transparent	**1010 70 00**	1

Frames with sealing

- For complete devices of the Design line **Flush-mounted splash-protected IP44** (except order no. 4718 .., 4211 .., 4212 ..), a sealing flange, order no. 1884, is required to achieve the IP44 degree of protection.



Frame with sealing

Use only in conjunction with sealing flange order no. 1884!

- for vertical and horizontal mounting

SUITABLE FOR	ORDER NO.	PAGE
Sealing flange for splash-protected flush-mounted devices	1884	624

i 953

DESIGN	ORDER NO.	PU
Flush-mounted splash-protected IP44		
white glossy, 1gang	**1328**	10
white glossy, 2gang	**1329**	2
white glossy, 3gang	**1330**	2



Frame with sealing

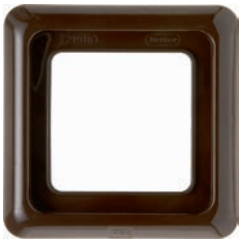
Use only in conjunction with sealing flange order no. 1884!

- for vertical and horizontal mounting

SUITABLE FOR	ORDER NO.	PAGE
Sealing flange for splash-protected flush-mounted devices	1884	624

i 953

DESIGN	ORDER NO.	PU
Flush-mounted splash-protected IP44		
polar white glossy, 1gang	**1328 09**	10
polar white glossy, 2gang	**1329 09**	2
polar white glossy, 3gang	**1330 09**	2



Frame with sealing

Use only in conjunction with sealing flange order no. 1884!

- for vertical and horizontal mounting

SUITABLE FOR	ORDER NO.	PAGE
Sealing flange for splash-protected flush-mounted devices	1884	624

i 953

DESIGN	ORDER NO.	PU
Flush-mounted splash-protected IP44		
brown glossy, 1gang	**1328 01**	10
brown glossy, 2gang	**1329 01**	2
brown glossy, 3gang	**1330 01**	2



Sealing flange for splash-protected flush-mounted devices

The sealing flange must be inserted between the supporting plate and the wall!

SUITABLE FOR	ORDER NO.	PAGE
SCHUKO socket outlets with hinged cover		page 603
INTERNATIONAL SOCKET OUTLET SYSTEMS		page 606
Covers for rocker switches/rocker push-buttons		page 606
Covers for multi-pole rocker switches		page 610
Covers for combination rocker switches/ rocker push-buttons		page 611
Centre plate for key switch/key push-button		page 611
BLC CONTROLLERS		page 612
COVERS FOR BLIND SWITCHES/PUSH-BUTTONS		page 615
Covers for heating emergency switches/ push-buttons		page 616
Centre plate for push-button/pilot lamp E10		page 618
Frames with sealing		page 623

DESIGN	ORDER NO.	PU
Flush-mounted splash-protected IP44		
grey	**1884**	10

INTERMEDIATE RINGS FOR CENTRAL PLATES



Intermediate ring with hinged cover

- Labelling field



Labelling field height arranged for P-touch strips 9 mm.

Combinable with central plates for communication technology and central plates for hospital installations.

IP20

- for central plates and centre plate 50 x 50 mm

SUITABLE FOR	ORDER NO.	PAGE
Central plate for aerial socket 4hole (Ankaro)		page 166
Central plate for aerial socket 4hole (Hirschmann)		page 166
Central plate for broadband modem socket (Wisi)		page 166
Central plate for FCC socket outlet		page 150
Central plate for FCC socket outlet 2gang		page 152
Central plate with installation opening Ø 18.8 mm		page 168
Central plate for socket outlet for equipotential bonding		page 235
Central plate for 6pole socket outlet		page 235

DESIGN	ORDER NO.	PU
white glossy	**1022 50**	10
polar white glossy	**1022 59**	10
brown glossy	**1022 51**	10



Central plate for aerial socket 2hole

Caution!
Use only with intermediate ring for central plate from the corresponding range.

For aerial socket according to DIN 45330

- labelling field latchable

SUITABLE FOR	ORDER NO.	PAGE
Intermediate ring with hinged cover		page 624
Aerial socket 2hole single box	4502	162
Aerial socket, 2hole throughpass socket	4515	163

DESIGN	ORDER NO.	PU
white glossy	**1486 02**	10
polar white	**1486 09**	10
brown glossy	**1486 01**	10



B.
Berker

AQUATEC IP 44
SCHUKO SOCKET OUTLETS WITH HINGED COVER 628-631
INTERNATIONAL SOCKET OUTLET SYSTEMS 632
SWITCHES/PUSH-BUTTONS 632-640
COMBINATIONS 640-641
TIME SWITCHES 642
ROTARY DIMMER 642
BLIND SWITCHES/PUSH-BUTTONS 642-644
SPEED CONTROLLERS 644
PILOT LAMPS 645
SUPPLEMENTARY PRODUCTS 646-650
COMMUNICATION/MULTIMEDIA TECHNOLOGY 650-652
SWITCHES/PUSH-BUTTONS 653-655
ISO-PANZER IP44
SCHUKO SOCKET OUTLETS WITH HINGED COVER 656-657
INTERNATIONAL SOCKET OUTLET SYSTEMS 658-659
SWITCHES/PUSH-BUTTONS 659-660
COMBINATIONS 660
BLIND SWITCHES/PUSH-BUTTONS 661
HOUSINGS 661
SUPPLEMENTARY PRODUCTS 661-662
ISO-PANZER IP66
SCHUKO CONNECTING DEVICES 663
SWITCHES/PUSH-BUTTONS 663-664
BLIND SWITCHES/PUSH-BUTTONS 664
PILOT LAMPS 665
SUPPLEMENTARY PRODUCTS 665-666

For surface mounting, our Aquatec range, or the extremely sturdy, waterproof ISO Panzer mean that everything is home and dry.

- Spacious housing for easy installation
- Housing, rockers and hinged cover in impact-resistant thermoplastic material in light grey/grey and black/yellow
- Housing material highly resistant to chemicals
- Screws and hinged cover springs made of stainless steel/cover pivot pins made of non-corrosive brass
- Large control surfaces

SCHUKO SOCKET OUTLETS WITH HINGED COVER

- Connection terminals according to IEC 60884-1



SCHUKO socket outlet with hinged cover surface-mounted

Rated voltage 250 V~
Rated current 16 A

Housing screws, hinged cover springs and axles made of stainless steel.

- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with hollow base
- with plug-in terminals

i 960

IP44

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**4740 05**	10



SCHUKO socket outlet with hinged cover surface-mounted

Rated voltage 250 V~
Rated current 16 A

Housing screws, hinged cover springs and axles made of stainless steel.

- with cable entry at top and bottom
- with hollow base
- with plug-in terminals

i 960

IP44

DESIGN	ORDER NO.	PU
polar white	**4740 09**	10



SCHUKO socket outlet with upper casing, hinged cover

Rated voltage 250 V~
Rated current 16 A

Housing screws, hinged cover springs and axles made of stainless steel.

- with hollow base
- to combine with housing bottom parts
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Lower casings		page 648

i 960

IP44

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**6147 40 15**	10



SCHUKO socket outlet with hinged cover surface-mounted

- enhanced contact protection

Rated voltage 250 V~
Rated current 16 A

Housing screws, hinged cover springs and axles made of stainless steel.

- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with hollow base
- with plug-in terminals

i 960

IP44

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**4763 05**	10



IP44

SCHUKO socket outlet with hinged cover surface-mounted

- Labelling field

Rated voltage 250 V~
Rated current 16 A

Housing screws, hinged cover springs and axles made of stainless steel.

- with cable entry at top and bottom
- with through terminal
- Wago clip-in 3-wire connection terminal for wiring
- with hollow base
- with plug-in terminals

i 960

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**4741 05**	10



IP44

SCHUKO socket outlet with hinged cover surface-mounted

- Labelling field
- Control lamp
- Screw terminals

Housing screws, hinged cover spring and axle made of stainless steel.

Labelling field height designed for 9 mm P-touch strip.

- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with hollow base

i 960

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**4241 15**	10



IP44

SCHUKO socket outlet with hinged cover surface-mounted

- Labelling field
- Lock - uneven closings

Rated voltage 250 V~
Rated current 16 A

Spare keys and other closures (max. 24) on request.

Housing screws, hinged cover spring and axle made of stainless steel.

Labelling field height designed for 9 mm P-touch strip.

- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- e. g. for washing machine
- with hollow base
- with 2 keys
- with plug-in terminals

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**4769 05**	1



IP44

SCHUKO socket outlet with hinged cover surface-mounted

- Labelling field
- Lock - even closings each set

Rated voltage 250 V~
Rated current 16 A

Spare keys and other closures (max. 24) on request.

Housing screws, hinged cover spring and axle made of stainless steel.

Labelling field height designed for 9 mm P-touch strip.

- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- e. g. for washing machine
- with hollow base
- with 4 even keys
- with plug-in terminals

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt, 2x set	**4789 05**	1

Combination SCHUKO socket outlets with hinged cover



2gang SCHUKO socket outlet horizontal with hinged cover surface-mounted

Rated voltage 250 V~
Rated current 16 A

Switches, push-buttons, pilot lamps and data connector housings can be used instead of socket outlets.

Housing screws, hinged cover springs and axles made of stainless steel.

- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with hollow base
- inserts wired-through
- with plug-in terminals

i 960

IP44

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**4770 05**	5



2gang SCHUKO socket outlet horizontal with hinged cover surface-mounted

Rated voltage 250 V~
Rated current 16 A

Switches, push-buttons, pilot lamps and data connector housings can be used instead of socket outlets.

Housing screws, hinged cover springs and axles made of stainless steel.

- with cable entry at top and bottom
- for vertical mounting
- with hollow base
- inserts wired-through
- with plug-in terminals

i 960

IP44

DESIGN	ORDER NO.	PU
polar white	**4770 09**	5



2gang SCHUKO socket outlet with hinged cover surface-mounted

Rated voltage 250 V~
Rated current 16 A

Switches, push-buttons, pilot lamps and data connector housings can be used instead of socket outlets.

Housing screws, hinged cover springs and axles made of stainless steel.

- with 2 cable entries at top
- 2 knock out openings for entries at bottom
- Wago clip-in 3-wire connection terminal for wiring
- for horizontal mounting
- with hollow base
- inserts wired-through
- with plug-in terminals

i 960

IP44

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**4784 05**	5



2gang SCHUKO socket outlet vertical with hinged cover surface-mounted

- Labelling field

Rated voltage 250 V~
Rated current 16 A

Switches, push-buttons, pilot lamps and data connector housings can be used instead of socket outlets.

Housing screws, hinged cover springs and axles made of stainless steel.

- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with hollow base
- inserts wired-through
- with plug-in terminals

i 960

IP44

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**4770 15**	5



IP44

2gang SCHUKO socket outlet with hinged cover surface-mounted

- Labelling field
- Locks - even closings

Rated voltage 250 V~
Rated current 16 A

Switches, push-buttons, pilot lamps and data connector housings can be used instead of socket outlets.

Spare keys and other closures (max. 24) on request.

Housing screws, hinged cover springs and axles made of stainless steel.

Labelling field height designed for 9 mm P-touch strip.

- with 2 cable entries at top
- 2 knock out openings for entries at bottom
- Wago clip-in 3-wire connection terminal for wiring
- for horizontal mounting
- e. g. for washing machine and drier
- with hollow base
- with 4 even keys
- with plug-in terminals

i 960

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**4768 05**	1



IP44

3gang SCHUKO socket outlet surface-mounted with hinged cover

Rated voltage 250 V~
Rated current 16 A

As a result of the side cable entries specially suited for installation over workbenches.

Switches, push-buttons, pilot lamps and data connector housings can be used instead of socket outlets.

Housing screws, hinged cover springs and axles made of stainless steel.

- Wago clip-in 3-wire connection terminal for wiring
- for horizontal mounting
- with hollow base
- inserts wired-through
- with plug-in terminals

i 960

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**4773 05**	1



IP44

Surface-mounted double SCHUKO socket outlet with hinged cover

Rated voltage 250 V~
Rated current 16 A

As a result of the side cable entries specially suited for installation over workbenches.

Housing screws, hinged cover springs and axles made of stainless steel.

- Wago clip-in 3-wire connection terminal for wiring
- for horizontal mounting
- with hollow base
- inserts wired-through
- with plug-in terminals

i 960

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**4775 05**	5



IP44

Surface-mounted double SCHUKO socket outlet with hinged cover

- Labelling field

Rated voltage 250 V~
Rated current 16 A

As a result of the side cable entries specially suited for installation over workbenches.

Housing screws, hinged cover springs and axles made of stainless steel.

- with cable entry at top and each side
- Wago clip-in 3-wire connection terminal for wiring
- for horizontal mounting
- with hollow base
- inserts wired-through
- with plug-in terminals

i 960

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**4775 15**	5

INTERNATIONAL SOCKET OUTLET SYSTEMS

Socket outlets with earthing pin



Socket outlet with earthing pin and upper casing surface-mounted

- **enhanced contact protection**
- **Screw-in lift terminals**

IP44

Rated voltage 250 V~
Rated current 16 A

Connection terminals according to IEC 60884-1

- 2pole + earth
- with hollow base
- with screw-in lift terminals

SUITABLE FOR	ORDER NO.	PAGE
Lower casings		page 648

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**6745 64 15**	10

SWITCHES/PUSH-BUTTONS

Rocker switches/rocker push-buttons



Change-over/intermediate switch surface-mounted

Rated voltage 250 V~
Switching current 10 AX

Housing screws made of stainless steel.

- with cable entry at top and bottom
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Centre plate with glass plate	1290 99 05	640

i 960

IP44

DESIGN	ORDER NO.	PU
Change-over switch surface-mounted, light grey/grey, glossy/matt	**3076 05**	10
Intermediate switch surface-mounted, light grey/grey, glossy/matt	**3077 05**	10



Change-over switch surface-mounted

Rated voltage 250 V~
Switching current 10 AX

Housing screws made of stainless steel.

- with cable entry at top and bottom
- with plug-in terminals
- Wago clip-in 3-wire connection terminal for wiring

SUITABLE FOR	ORDER NO.	PAGE
Centre plate with glass plate	1290 99 05	640

i 960

IP44

DESIGN	ORDER NO.	PU
polar white	**3076 09**	10



Change-over switch with upper casing surface-mounted

Rated voltage 250 V~
Switching current 10 AX

Housing screws made of stainless steel.

- to combine with housing bottom parts
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Lower casings		page 648
Centre plate with glass plate	1290 99 05	640

IP44

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**6130 76 15**	10



Intermediate switch with upper casing surface-mounted

Rated voltage	250 V~
Switching current	10 AX

Housing screws made of stainless steel.

- to combine with housing bottom parts
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Lower casings		page 648
Centre plate with glass plate	1290 99 05	640

IP44

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**6130 77 15**	10



Change-over switch surface-mounted

- Labelling field - illuminable

Rated voltage	250 V~
Switching current	10 AX

For labelling with name, information notice, etc.

Housing screws made of stainless steel.

Labelling field height designed for 9 mm P-touch strip.

- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
LED unit for labelling field - illuminable	1619 01	648

i 960

IP44

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**3076 55**	10



Illuminated change-over switch surface-mounted

- Red lens

Rated voltage	250 V~
Switching current	10 AX
Neon lamp current	1 mA

Housing screws made of stainless steel.

- for illumination
- with neon lamp unit with N terminal order no. 1675
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Incandescent lamp unit with N terminal		page 646
LED unit 230 V, for switches/push-buttons		page 647
LED unit for switches/push-buttons	1687	67
replacement		
Neon lamp unit with N terminal		page 646

i 960

IP44

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**3076 25**	10



Control on/off switch with upper casing and imprint "0" surface-mounted

- Red lens

IP44

Rated voltage	250 V~
Switching current	10 AX

Housing screws made of stainless steel.

- can be illuminated using neon and glow lamp unit with N-terminal
- for illumination and monitoring circuit
- with neon lamp unit with N terminal order no. 1675
- 2pole
- to combine with housing bottom parts
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Lower casings		page 648
Centre plate with glass plate	1290 99 05	640
optional		
Incandescent lamp unit with N terminal		page 646
Neon lamp unit with N terminal		page 646
LED unit 230 V, for switches/push-buttons		page 647
LED unit for switches/push-buttons	1687	67



DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**6131 72 15**	10



Control change-over switch surface-mounted

- Red lens

IP44

Rated voltage	250 V~
Switching current	10 AX
Neon lamp current	1 mA

Housing screws made of stainless steel.

- can be illuminated using neon and glow lamp unit with N-terminal
- for monitoring circuit
- with neon lamp unit with N terminal order no. 1675
- with cable entry at top and bottom
- knock out opening for entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Neon lamp unit with N terminal		page 646
optional		
Incandescent lamp unit with N terminal		page 646
LED unit 230 V, for switches/push-buttons		page 647
LED unit for switches/push-buttons	1687	67

i 960



DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**3176 05**	10



Control change-over switch with upper casing surface-mounted

- Red lens

IP44

Rated voltage	250 V~
Switching current	10 AX

Housing screws made of stainless steel.

- can be illuminated using neon and glow lamp unit with N-terminal
- for illumination and monitoring circuit
- with neon lamp unit with N terminal order no. 1675
- to combine with housing bottom parts
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Lower casings		page 648
Centre plate with glass plate	1290 99 05	640
optional		
Incandescent lamp unit with N terminal		page 646
Neon lamp unit with N terminal		page 646
LED unit 230 V, for switches/push-buttons		page 647
LED unit for switches/push-buttons	1687	67



DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**6131 76 15**	10



IP44

Push-button, change-over contact surface-mounted

- Labelling field - illuminable

Rated voltage 250 V~
Momentary-contact current 10 A

For labelling with name, information notice, etc.

Housing screws made of stainless steel.

Labelling field height designed for 9 mm P-touch strip.

- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
LED unit for labelling field - illuminable	1619 01	648

i 960

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**5076 55**	10



IP44

Push-button

- Red lens

Rated voltage 250 V~
Momentary-contact current 10 A

Housing screws made of stainless steel.
Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- can be illuminated using neon and glow lamp unit with N-terminal
- for illumination and monitoring circuit
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Centre plate with glass plate	1290 99 05	640
optional		
Incandescent lamp unit with N terminal		page 646
Neon lamp unit with N terminal		page 646
LED unit 230 V, for switches/push-buttons		page 647
LED unit for switches/push-buttons	1687	67

i 960

DESIGN	ORDER NO.	PU
Push-button, change-over contact surface-mounted, light grey/grey, glossy/matt	**5076 05**	10



IP44

Push-button, change-over contact, surface-mounted

- Red lens

Rated voltage 250 V~
Momentary-contact current 10 A

Housing screws made of stainless steel.
Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- can be illuminated using neon and glow lamp unit with N-terminal
- for illumination and monitoring circuit
- with cable entry at top and bottom
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Centre plate with glass plate	1290 99 05	640
optional		
Incandescent lamp unit with N terminal		page 646
Neon lamp unit with N terminal		page 646
LED unit 230 V, for switches/push-buttons		page 647
LED unit for switches/push-buttons	1687	67

i 960

DESIGN	ORDER NO.	PU
polar white	**5076 09**	10



IP44

Push-button, change-over contact with upper casing, surface-mounted

- Lens

Rated voltage 250 V~
Momentary-contact current 10 A

Housing screws made of stainless steel.
Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- can be illuminated using neon and glow lamp unit with N-terminal
- for illumination and monitoring circuit
- to combine with housing bottom parts
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Lower casings		page 648
Centre plate with glass plate	1290 99 05	640
optional		
Incandescent lamp unit with N terminal		page 646
Neon lamp unit with N terminal		page 646
LED unit 230 V, for switches/push-buttons		page 647
LED unit for switches/push-buttons	1687	67

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**6150 76 15**	10



IP44

Push-button, NO contact with 2 separate signal contacts surface-mounted

- Red lens

Rated voltage 250 V~
Momentary-contact current 10 A

Housing screws made of stainless steel.

- can be illuminated using neon and glow lamp unit with N-terminal
- for illumination and monitoring circuit
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Centre plate with glass plate	1290 99 05	640
optional		
Incandescent lamp unit with N terminal		page 646
Neon lamp unit with N terminal		page 646
LED unit 230 V, for switches/push-buttons		page 647
LED unit for switches/push-buttons	1687	67

i 960

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**5071 05**	10

Multi-pole rocker switches



IP44

On/off switch 2pole with imprint "0" and "I" surface-mounted

Rated voltage 250 V~
Switching current 10 AX

Housing screws made of stainless steel.

- with cable entry at top and bottom
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Centre plate with glass plate	1290 99 05	640

i 960

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**3072 05**	10



On/off switch 2pole with upper casing and imprint "0 - 1" surface-mounted

Rated voltage 250 V~
Switching current 10 AX

Housing screws made of stainless steel.

- to combine with housing bottom parts
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Lower casings		page 648
Centre plate with glass plate	1290 99 05	640

IP44

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**6130 72 15**	10



Control on/off switch 2pole with imprint "0" surface-mounted

- Red lens

Rated voltage 250 V~
Switching current 10 AX
Neon lamp current 1 mA

Housing screws made of stainless steel.

- can be illuminated using neon and glow lamp unit with N-terminal
- for monitoring circuit
- with neon lamp unit with N terminal order no. 1675
- knock out opening for entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

IP44

SUITABLE FOR	ORDER NO.	PAGE
optional		
Incandescent lamp unit with N terminal		page 646
Neon lamp unit with N terminal		page 646
LED unit 230 V, for switches/push-buttons		page 647
LED unit for switches/push-buttons	1687	67

i 960

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**3172 05**	10

Combination rocker switches/rocker push-buttons



Series switch surface-mounted

Rated voltage 250 V~
Switching current 10 AX

Housing screws made of stainless steel.

- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

IP44

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**3075 05**	10



Series switch surface-mounted

Rated voltage 250 V~
Switching current 10 AX

- with cable entry at top and bottom
- with plug-in terminals

Housing screws made of stainless steel.

IP44



DESIGN	ORDER NO.	PU
polar white	**3075 09**	10



Series switch with upper casing surface-mounted

Rated voltage 250 V~
Switching current 10 AX

- to combine with housing bottom parts
- with plug-in terminals

Housing screws made of stainless steel.

SUITABLE FOR	ORDER NO.	PAGE
Lower casings		page 648

IP44



DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**6130 75 15**	10



Surface-mounted double change-over switch, isolated input terminals

Rated voltage 250 V~
Switching current 10 AX

- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

Housing screws made of stainless steel.

IP44



DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**3078 05**	10



Series push-button, 2 NO contacts surface-mounted, common input terminal

Rated voltage 250 V~
Momentary-contact current 10 A

- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

Housing screws made of stainless steel.

IP44



DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**5075 15**	10

Heating emergency switches/push-buttons



Control change-over switch with imprint "Heizung Notschalter" surface-mounted

- Red lens

Rated voltage	250 V~
Switching current	10 A
Neon lamp current	1 mA

Or use glass pane-protected heating emergency switch.

Housing screws made of stainless steel.

Not suitable for heating systems > 50 kW.

- with neon lamp unit with N terminal order no. 1675
- with cable entry at top and bottom
- with through terminal
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Incandescent lamp unit with N terminal		page 646
Neon lamp unit with N terminal		page 646
LED unit 230 V, for switches/push-buttons		page 647
LED unit for switches/push-buttons	1687	67

i 960

IP44

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**3566 05**	10



Control on/off switch 2pole with imprint "Heizung Notschalter" and "0" surface-mounted

- Red lens

Rated voltage	250 V~
Switching current	10 A
Neon lamp current	1 mA

Or use glass pane-protected heating emergency switch.

Housing screws made of stainless steel.

Not suitable for heating systems > 50 kW.

- with neon lamp unit with N terminal order no. 1675
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Incandescent lamp unit with N terminal		page 646
Neon lamp unit with N terminal		page 646
LED unit 230 V, for switches/push-buttons		page 647
LED unit for switches/push-buttons	1687	67

i 960

IP44

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**3562 05**	10

Pullcord switches



Pullcord switch off/change-over surface-mounted

Rated voltage	250 V~
Switching current	10 AX
Long pullcord	12 cm

Housing screws made of stainless steel.

- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- for wall and ceiling mounting
- with plug-in terminals

IP44

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**3976 15**	10

Supplementary products



IP44

Centre plate with glass plate

- Rocker

The cover can be replaced with the standard rocker on all rocker switches and rocker push-buttons in this range.

Housing screws made of stainless steel.

Adhesive label sheets, text white: "Notschalter", "Rauchabzug", "Feuerschutztür schließen", "Feuerabschluss schließen", "Heizung", "Lichtkuppel", "Hausalarm" and "Öffnen".

Not suitable for heating systems > 50 kW.

In case of danger break glass and press rocker!

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

SUITABLE FOR	ORDER NO.	PAGE
On/off switch 2pole with imprint "0" and "I" surface-mounted	3072 05	636
Change-over switch surface-mounted	3076 0 ..	632
Combination change-over switch/ SCHUKO socket outlet with hinged cover surface-mounted	4780 05	640
Push-button, change-over contact surface-mounted	5076 0 ..	635
Intermediate switch surface-mounted	3077 05	632
Push-button, NO contact with 2 separate signal contacts surface-mounted	5071 05	636
On/off switch 2pole with upper casing and imprint "0 - 1" surface-mounted	6130 72 15	637
Change-over switch with upper casing surface-mounted	6130 76 15	632
Intermediate switch with upper casing surface-mounted	6130 77 15	633
Control on/off switch with upper casing and imprint "0" surface-mounted	6131 72 15	634
Control change-over switch with upper casing surface-mounted	6131 76 15	634
Push-button, change-over contact with upper casing, surface-mounted	6150 76 15	636
Push-button 1gang surface-mounted	7519 10 00	788
Group push-button 1gang surface mounted	7519 11 00	789

DESIGN	ORDER NO.	PU
red	**1290 99 05**	10

COMBINATIONS

Combinations switch/socket outlet

- Connection terminals according to IEC 60884-1



IP44

Combination change-over switch/SCHUKO socket outlet with hinged cover surface-mounted

Rated voltage	250 V~
Rated current	16 A
Switching current	10 AX

Switches, push-buttons, pilot lamps and data connector housings can be used instead of socket outlets.

Housing screws, hinged cover spring and axle made of stainless steel.

- change-over switch and socket outlet connectable separately
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- for vertical mounting
- with hollow base
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Centre plate with glass plate	1290 99 05	640

i 960

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**4780 05**	5

Subject to changes - # Note discontinuation! - * Note new code!



Combination change-over switch/SCHUKO socket outlet with hinged cover surface-mounted

- Clamp-type terminals

Rated voltage	250 V~
Rated current	16 A
Switching current	10 AX

Switches, push-buttons, pilot lamps and data connector housings can be used instead of socket outlets.

Housing screws, hinged cover spring and axle made of stainless steel.

- change-over switch and socket outlet connectable separately
- with cable entry at top and bottom
- for vertical mounting
- with hollow base
- with plug-in terminals

i 960

DESIGN	ORDER NO.	PU
polar white	**4780 09**	5



IP44

Combination change-over switch/SCHUKO socket outlet with hinged cover surface-mounted

- Red lens

Rated voltage	250 V~
Rated current	16 A
Switching current	10 AX

Switches, push-buttons, pilot lamps and data connector housings can be used instead of socket outlets.

Housing screws, hinged cover springs and axles made of stainless steel.

- for illumination and monitoring circuit
- change-over switch and socket outlet connectable separately
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- for vertical mounting
- with hollow base
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Incandescent lamp unit with N terminal		page 646
Neon lamp unit with N terminal		page 646
LED unit 230 V, for switches/push-buttons		page 647
LED unit for switches/push-buttons	1687	67

i 960

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**4781 05**	5



IP44

Combination series switch/SCHUKO socket outlet with hinged cover surface-mounted

Rated voltage	250 V~
Rated current	16 A
Switching current	10 AX

Switches, push-buttons, pilot lamps and data connector housings can be used instead of socket outlets.

Housing screws, hinged cover spring and axle made of stainless steel.

- series switch and socket outlet connectable separately
- with cable entry at top and bottom
- with through terminal
- Wago clip-in 3-wire connection terminal for wiring
- for vertical mounting
- with hollow base
- with plug-in terminals

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**4790 05**	5

TIME SWITCHES



Mechanical timer surface-mounted

- Setting knob

Rated voltage 250 V~
Switching current 16 AX

Housing screws made of stainless steel.
Not suitable for 2- or 3gang combinations!

- with time scale symbol imprint
- 2pole on/off
- with cable entry at top and bottom
- with through terminal
- Wago clip-in 3-wire connection terminal for wiring
- with screw terminals

IP44

DESIGN	ORDER NO.	PU
Running time 15 min		
light grey/grey, glossy/matt	**4227 05**	1
Running time 120 min		
light grey/grey, glossy/matt	**4228 05**	1

ROTARY DIMMERS

Rotary dimmers



Surface-mounted rotary dimmer

- Setting knob
- Soft locking

Operating voltage 230 V~
Frequency 50 Hz
230 V incandescent lamps and halogen lamps 60 ... 450 W
Number of built-in power boosters (R, L) max. 10
Axis dimension Ø 4 mm

Housing screws made of stainless steel.
Not suitable for 2- or 3gang combinations!

- phase cut-on
- with change-over pressure switch
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

i 886

IP44

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**2895 05**	1

BLIND SWITCHES/PUSH-BUTTONS

Rocker switches/rocker push-buttons for blinds



Blind series switch 1pole with imprinted symbol arrow surface mounted

Rated voltage 250 V~
Switching current 10 A

Housing screws made of stainless steel.
Follow the motor manufacturers' instructions.

- with mechanical and electrical interlocking to prevent mutual switch on
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

IP44

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**3075 25**	10



Push-button for blinds with imprinted symbol arrow surface-mounted

Rated voltage 250 V~
Momentary-contact current 10 A

Housing screws made of stainless steel.
Follow the motor manufacturers' instructions.

- with mechanical and electrical interlocking to prevent mutual activation
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

IP44

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**5075 05**	10

Rotary switches for blinds



Rotary switch for blinds 2pole with imprint surface-mounted

- Rotary knobs

Rated voltage 250 V~
Switching current 10 A

Housing screws made of stainless steel.

- with push lock function
- with neutral-position
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Interlock disk for rotary switch for blinds		page 643

IP44

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**3242 25**	1



Interlock disk for rotary switch for blinds

- for conversion to rotary push-button for blinds

SUITABLE FOR	ORDER NO.	PAGE
Rotary switch for blinds 2pole with centre plate	3812 ..	492
Centre plate with rotary knob for rotary switch for blinds	1529 ..	615
Rotary switch for blinds 1pole with centre plate	3811 ..	492

DESIGN	ORDER NO.	PU
Interlock disk for rotary switch for blinds	**1861**	10

Key switches/key push-buttons for blinds



Push-button for blinds with imprint surface-mounted

- Lock
- Key can be removed in 0 position

Rated voltage 250 V~
Momentary-contact current 10 A

Housing screws made of stainless steel.

- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with 2 keys
- with plug-in terminals

IP44

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**3271 05**	1



Switch for blinds 2pole with imprint surface-mounted

- **Lock**
- **Key can be removed in 0 position**

Rated voltage	250 V~
Switching current	10 A

Housing screws made of stainless steel.

- with push lock function
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with 2 keys
- with screw terminals

IP44

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**3272 05**	1



Switch for blinds 2pole with imprint surface-mounted

- **Lock**
- **Key can be removed in 3 positions**

Rated voltage	250 V~
Switching current	10 A

Housing screws made of stainless steel.

- with push lock function
- with neutral-position
- with cable entry at top and bottom
- with through terminal
- Wago clip-in 3-wire connection terminal for wiring
- with 2 keys
- with screw terminals

IP44

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**3272 15**	1

SPEED CONTROLLERS



Surface-mounted speed controller

- **Setting knob**

Operating voltage	230 V~
Frequency	50 Hz
Motor nominal and slat current	max. 0.1 ... 2.3 A

Housing screws made of stainless steel.
Not suitable for 2- or 3gang combinations!

- phase cut-on
- basic speed adjustable
- with imprinted symbol curve
- with rotary on/off switch
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- additional switching contact for blade control
- with cable entry at top and bottom
- with through terminal
- Wago clip-in 3-wire connection terminal for wiring
- for devices with motory drive
- with plug-in terminals

ε IP44

i 885

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**2970 10**	1

PILOT LAMPS



Surface-mounted push-button/pilot lamp E10, NO contact

Rated voltage	250 V~
Momentary-contact current	2 A
Incandescent lamp power	max. 2 W

Housing screws made of stainless steel.

- for illumination and monitoring circuit
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Cover for push-button/pilot lamp E10		page 648
Knob for push-button/pilot lamp E10		page 648
Neon lamp E10	1601	68
LED lamp E10	1678 ..	68

IP44

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**5112 15**	10



Pilot lamp E14 surface-mounted

Rated voltage	250 V~
Incandescent lamp power	max. 3 W
Long lamp base	max. 23.5 mm

Housing screws made of stainless steel.

- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Cover for pilot lamp E14		page 648
Incandescent lamp E14		page 68
LED lamp E14	1679 ..	68

IP44

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**5172 15**	10

SUPPLEMENTARY PRODUCTS

Glow and neon lamp units



Incandescent lamp unit with N terminal

Operating voltage 6 V
Rated current 0.035 A

Refer to the overview for the matching flush-mounted inserts.

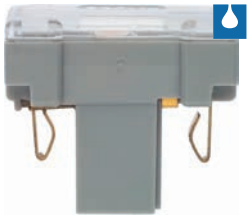
Not suitable for push-button and pullcord switches, rocker switches and rocker push-buttons from the years 1985 to 1995.

- also for waterproof installation of switches and push-buttons
- for illumination and monitoring circuit
- for change-over/intermediate switch and on/off switch, 2-pole, 10 AX
- for rocker push-buttons and multiple rockers push-buttons, except order no. 503404, 503808

SUITABLE FOR	ORDER NO.	PAGE
Control on/off switch with upper casing and imprint "0" surface-mounted	6131 7 ..	634
Push-button, change-over contact with upper casing, surface-mounted	6150 76 15	636
Illuminated change-over switch surface-mounted	3076 25	633
Control on/off switch 2pole with imprint "0" surface-mounted	3172 05	637
Control change-over switch surface-mounted	3176 05	634
Control on/off switch 2pole with imprint "Heizung Notschalter" and "0" surface-mounted	3562 05	639
Combination change-over switch/ SCHUKO socket outlet with hinged cover surface-mounted	4781 05	641
Push-button, NO contact with 2 separate signal contacts surface-mounted	5071 05	636
Push-button, change-over contact surface-mounted	5076 0 ..	635
Control change-over switch with imprint "Heizung Notschalter" surface-mounted	3566 05	639

i 878

DESIGN	ORDER NO.	PU
brown, 6 V, 35 mA	**1676**	10
yellow, 12 V, 65 mA	**1676 02**	10
green, 24 V, 35 mA	**1676 01**	10
red, 48 V, 25 mA	**1676 03**	10



Neon lamp unit with N terminal

Operating voltage 230 V~
Rated current 0.001 A

Refer to the overview for the matching flush-mounted inserts.

When several neon lamp units are used, the lamp current may result in malfunctioning of the relay/pulse relay. Remedy: Carry along a neutral conductor or connect a capacitor 230 V (1 µF per 10 mA neon lamp current) in parallel with the coil.

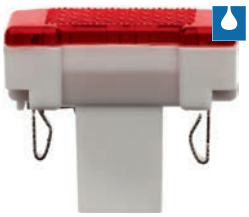
Not suitable for push-button and pullcord switches, rocker switches and rocker push-buttons from the years 1985 to 1995.

- for illumination and monitoring circuit
- for change-over/intermediate switch and on/off switch, 2-pole, 10 AX
- for rocker push-buttons and multiple rockers push-buttons, except order no. 503404, 503808

SUITABLE FOR	ORDER NO.	PAGE
Combination change-over switch/ SCHUKO socket outlet with hinged cover surface-mounted	4781 05	641
Push-button, change-over contact, surface-mounted	5076 0 ..	635
Control on/off switch with upper casing and imprint "0" surface-mounted	6131 72 15	634
Control change-over switch with upper casing surface-mounted	6131 76 15	634
Illuminated change-over switch surface-mounted	3076 25	633
Control on/off switch 2pole with imprint "0" surface-mounted	3172 05	637
Control change-over switch surface-mounted	3176 05	634
Control on/off switch 2pole with imprint "Heizung Notschalter" and "0" surface-mounted	3562 05	639
Control change-over switch with imprint "Heizung Notschalter" surface-mounted	3566 05	639
Push-button, NO contact with 2 separate signal contacts surface-mounted	5071 05	636

i 878

DESIGN	ORDER NO.	PU
grey, 230 V~, 1 mA	**1675**	10
orange, 230 V~, 0.4 mA	**1675 04**	10



LED unit 230 V, for switches/push-buttons

Operating voltage	230 V~
Rated current	1 mA
Service life of the LED	≈ 100000 h

Refer to the overview for the matching flush-mounted inserts.

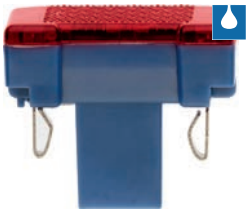
When several LED units are used, the LED current may result in malfunctioning of the relay/pulse relay.
Remedy: Carry along a neutral conductor or connect a capacitor 230 V (1 µF per 10 mA LED current) in parallel with the coil.

Not suitable for push-button and pullcord switches, rocker switches and rocker push-buttons from the years 1985 to 1995.

- also for waterproof installation of switches and push-buttons
- for illumination and monitoring circuit
- for change-over/intermediate switch and on/off switch, 2-pole, 10 AX
- for rocker push-buttons and multiple rockers push-buttons, except order no. 503404, 503808

SUITABLE FOR	ORDER NO.	PAGE
Illuminated change-over switch surface-mounted	3076 25	633
Control on/off switch 2pole with imprint "0" surface-mounted	3172 05	637
Control change-over switch surface-mounted	3176 05	634
Control on/off switch 2pole with imprint "Heizung Notschalter" and "0" surface-mounted	3562 05	639
Control change-over switch with imprint "Heizung Notschalter" surface-mounted	3566 05	639
Combination change-over switch/ SCHUKO socket outlet with hinged cover surface-mounted	4781 05	641
Push-button, NO contact with 2 separate signal contacts surface-mounted	5071 05	636
Push-button, change-over contact surface-mounted	5076 0 ..	635
Control on/off switch with upper casing and imprint "0" surface-mounted	6131 72 15	634
Control change-over switch with upper casing surface-mounted	6131 76 15	634
Push-button, change-over contact with upper casing, surface-mounted	6150 76 15	636

DESIGN	ORDER NO.	PU
white, 230 V~, 1 mA	**1686**	10
black, 230 V~, 0.4 mA	**1686 01**	10



LED unit for switches/push-buttons

Rated voltage	12 ... 48 V~
Rated current	0.2 ... 0.9 mA
Service life of the LED	≈ 100000 h

Refer to the overview for the matching flush-mounted inserts.

Connection to direct voltage within the specified voltage range, ensuring the correct polarity.

Not suitable for push-button and pullcord switches, rocker switches and rocker push-buttons from the years 1985 to 1995.

- also for waterproof installation of switches and push-buttons
- for illumination and monitoring circuit
- for change-over/intermediate switch and on/off switch, 2-pole, 10 AX
- for rocker push-buttons and multiple rockers push-buttons, except order no. 503404, 503808

SUITABLE FOR	ORDER NO.	PAGE
Illuminated change-over switch surface-mounted	3076 25	633
Control on/off switch 2pole with imprint "0" surface-mounted	3172 05	637
Control change-over switch surface-mounted	3176 05	634
Control on/off switch 2pole with imprint "Heizung Notschalter" and "0" surface-mounted	3562 05	639
Control change-over switch with imprint "Heizung Notschalter" surface-mounted	3566 05	639
Combination change-over switch/ SCHUKO socket outlet with hinged cover surface-mounted	4781 05	641
Push-button, NO contact with 2 separate signal contacts surface-mounted	5071 05	636
Push-button, change-over contact surface-mounted	5076 0 ..	635
Control on/off switch with upper casing and imprint "0" surface-mounted	6131 72 15	634
Control change-over switch with upper casing surface-mounted	6131 76 15	634
Push-button, change-over contact with upper casing, surface-mounted	6150 76 15	636

DESIGN	ORDER NO.	PU
blue, 12 ... 48 V, 0.2 ... 0.9 mA	**1687**	10



LED unit for labelling field - illuminable

Operating voltage 230 V~
Rated current 0.003 A

When several surface LED units are used, the lamp current may result in malfunctioning of the relay/pulse relay. Remedy: Connect a capacitor 230 V, (1 µF per 10 mA LED current) in parallel with the coil.

SUITABLE FOR	ORDER NO.	PAGE
Change-over switch surface-mounted	3076 55	633
Push-button, change-over contact surface-mounted	5076 55	635

DESIGN	ORDER NO.	PU
polar white	**1619 01**	10

Covers and push-buttons



Cover for push-button/pilot lamp E10

SUITABLE FOR	ORDER NO.	PAGE
Surface-mounted push-button/pilot lamp E10, NO contact	5112 15	645

DESIGN	ORDER NO.	PU
clear, transparent	**1280**	10
red, transparent	**1281**	10
yellow, transparent	**1282**	10
green, transparent	**1283**	10



Knob for push-button/pilot lamp E10

Push-button head Ø 26.5 mm

SUITABLE FOR	ORDER NO.	PAGE
Surface-mounted push-button/pilot lamp E10, NO contact	5112 15	645

DESIGN	ORDER NO.	PU
clear, transparent	**1279 02**	10
red, transparent	**1279**	10
green, transparent	**1279 03**	10



Cover for pilot lamp E14

SUITABLE FOR	ORDER NO.	PAGE
Pilot lamp E14 surface-mounted	5172 15	645

DESIGN	ORDER NO.	PU
clear, transparent, flat	**1220**	10
clear, transparent, high	**1230**	10
red, transparent, high	**1231**	10
green, transparent, high	**1232**	10

Lower casings



Surface-mounted lower casing with cable entries

- Wago clip-in 3-wire connection terminal for wiring

DESIGN	ORDER NO.	PU
light grey, 1gang	**6118 91 05**	10



Lower casing with entry M20 x 1.5

- Wago clip-in 3-wire connection terminal for wiring

DESIGN	ORDER NO.	PU
light grey, 1gang	**6119 60 05**	10



Lower casing 2gang vertical, entry M20 x 1.5 mm

- Wago clip-in 3-wire connection terminal for wiring

DESIGN	ORDER NO.	PU
light grey	**6119 61 05**	10

Entries/connectors



Connector for multiple combinations

- to combine devices

IP44

DESIGN	ORDER NO.	PU
light grey	**1880**	10



Cable entry

IP44

DESIGN	ORDER NO.	PU
light grey, for 1 cable	**1881**	10
light grey, for 2 cables	**1882**	10



Cable entry, extended

IP44

DESIGN	ORDER NO.	PU
light grey, for 1 cable	**1889 05**	10



Entry M20 x 1.5 mm, can be screwed

IP44

DESIGN	ORDER NO.	PU
light grey, for 1 cable	**1962 05**	10
light grey, for 2 cables	**6119 63 05**	10



Tube entry

Thread (M x L)	M20 x 1.5 mm
Distance from wall to centre of pipe	21 mm

IP44

DESIGN	ORDER NO.	PU
light grey	**1886**	10



Entry cable duct

IP44

DESIGN	ORDER NO.	PU
for cable duct 15 x 15 mm		
light grey, for 1 cable	**1804 05**	1
for cable duct 15 x 25 mm		
light grey, for 1 cable	**1804 15**	1
for cable duct 15 x 30 mm		
light grey, for 1 cable	**1804 25**	1



Entry for 2gang cable duct 15 x 15/25/30 mm

IP44

DESIGN	ORDER NO.	PU
light grey, for 2 cables	**1805 05**	1

COMMUNICATION/MULTIMEDIA TECHNOLOGY

Data connector housings



Data connector housing surface-mounted

- Labelling field

Housing screws made of stainless steel.

Labelling field height designed for 9 mm P-touch strip.
Caution other degree of protection!

- with cable entry at top and bottom
- with through terminal
- Wago clip-in 3-wire connection terminal for wiring

SUITABLE FOR	ORDER NO.	PAGE
Mounting plates		page 650

DESIGN	ORDER NO.	PU
light grey/grey, glossy/matt	**4256 15**	1

Mounting plates



Mounting plate unperforated

- for customised cut-outs or holes when installing special solutions

SUITABLE FOR	ORDER NO.	PAGE
Data connector housing surface-mounted	4256 15	650

DESIGN	ORDER NO.	PU
black	**1111 00**	10



Mounting plate for XLR built-in jack P-series

- with cut-out dia. 24.5 mm

SUITABLE FOR	ORDER NO.	PAGE
Data connector housing surface-mounted	4256 15	650

MANUFACTURER: PRODUCT LINE — **ART. NO.**

XLR-circular plug-in connector
Binder
Cannon
Conrad Electronic
Farnell
Hirose
Lumberg
Monacor
Neutrik
RS Components

i 961

DESIGN	ORDER NO.	PU
black	**1111 05**	10



Mounting plate for D-Subminiature connector

- for socket or plug connector

SUITABLE FOR	ORDER NO.	PAGE
Data connector housing surface-mounted	4256 15	650

i 961

DESIGN	ORDER NO.	PU
for connectors 9-pole		
black	**1111 03**	10
for connectors 15-pole		
black	**1111 02**	10
for connectors 25-pole		
black	**1111 01**	10







Mounting plate 1gang for modular jack

Indexing dimension (W x H) ≈ 15 x 19.3 mm

SUITABLE FOR	ORDER NO.	PAGE
Data connector housing surface-mounted	4256 15	650

MANUFACTURER: PRODUCT LINE — **ART. NO.**

LANmark 5, 6 and 7 (only with with Keystone-Clip)
Nexans
ELine 600 GG45 jacks
Leoni Kerpen
Keystone Jack
Leoni Kerpen
Modular jacks
Asyco
Dätwyler
Dr. Ing. Sieger
Drivex
EFB Electronic
Erni
Hubbell
Intracom
Radiall
Setec

i 961

DESIGN	ORDER NO.	PU
black	**1111 16**	10



Mounting plate 2gang for modular jacks

Indexing dimension (W x H) ≈ 14.7 x 20.7 mm

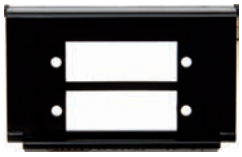
SUITABLE FOR	ORDER NO.	PAGE
Data connector housing surface-mounted	4256 15	650

MANUFACTURER: PRODUCT LINE — **ART. NO.**

Modular jacks
AMP

i 961

DESIGN	ORDER NO.	PU
black	**1112 18**	10



Mounting plate 2gang for fibre-optic couplings Duplex SC

SUITABLE FOR	ORDER NO.	PAGE
Data connector housing surface-mounted	4256 15	650

MANUFACTURER: PRODUCT LINE — **ART. NO.**

Fibre-optic couplings
Ackermann
AMP
Brand-Rex
BTR
CobiNet
Diamond
Drahtex
FiberCraft
Huber+Suhner
Krone
Quante
Telegärtner

i 961

DESIGN	ORDER NO.	PU
black	**1112 21**	10

SWITCHES/PUSH-BUTTONS

Key switches/key push-buttons



Change-over switch 2pole with imprint surface-mounted for lock cylinders

- Screw terminals

IP44

Rated voltage	250 V~
Switching current	16 A
Dimensions (W x H x D)	75 x 75 x 68 mm

- with push lock function
- 2pole change-over
- with cable entry diameter 22.5 mm (PG 16) at bottom
- with cover lock
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Lock cylinder		page 655

i 881



DESIGN	ORDER NO.	PU
Change-over switch 2pole with imprint surface-mounted for lock cylinders	**4466**	1



Change-over switch 2pole with imprint flush-mounted for lock cylinders

- Screw terminals

IP44

Rated voltage	250 V~
Switching current	16 A
Installation depth x Ø	73 x 65 mm
Dimensions aluminium cover plate (W x H)	100 x 125 mm

- 2pole change-over
- with cover lock
- with flush-mounted box
- with cable entry diameter 22.5 mm (PG 16) at bottom
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Lock cylinder		page 655
replacement		
Metal cover	1904	653

i 881



DESIGN	ORDER NO.	PU
Change-over switch 2pole with imprint flush-mounted for lock cylinders	**4416**	1



Metal cover

- without imprint
- replacement
- aluminium

SUITABLE FOR	ORDER NO.	PAGE
Change-over switch 2pole with imprint flush-mounted for lock cylinders	4416	653

DESIGN	ORDER NO.	PU
Metal cover	**1904**	1



Push-button with imprint surface-mounted for lock cylinder

- Screw terminals

IP44

Rated voltage	250 V~
Momentary-contact current	16 A
Dimensions (W x H x D)	74 x 74 x 45 mm

- with imprint
- NO contact
- with cable entry diameter 11 mm at backside
- with cable entry diameter 22.5 mm (PG 16) at bottom
- with cover lock
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Lock cylinder		page 655



DESIGN	ORDER NO.	PU
Push-button with imprint surface-mounted for lock cylinder	**4448**	1



IP44

Push-button with imprint flush-mounted for lock cylinder

- Screw terminals

Rated voltage	250 V~
Momentary-contact current	16 A
Dimensions (L x W)	75 x 75 mm
Insertion depth	59 mm

- with imprint
- NO contact
- with cable entry diameter 11 mm at top and backside
- with flush-mounted box
- with cover lock
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Lock cylinder		page 655

DESIGN	ORDER NO.	PU
Push-button with imprint flush-mounted for lock cylinder	**4450**	1

Key switches/key push-buttons for blinds



IP44

Switch for blinds 2pole with imprint surface-mounted for lock cylinder

- Screw terminals

Rated voltage	250 V~
Switching current	16 A
Dimensions (W x H x D)	75 x 75 x 68 mm

- with push lock function
- with imprint
- with neutral-position
- with cable entry diameter 22.5 mm (PG 16) at bottom
- with cover lock
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Lock cylinder		page 655

i 881

DESIGN	ORDER NO.	PU
Switch for blinds 2pole with imprint surface-mounted for lock cylinder	**4462**	1



IP44

Switch for blinds 2pole with imprint flush-mounted for lock cylinder

- Screw terminals

Rated voltage	250 V~
Switching current	16 A
Dimensions aluminium cover plate (W x H)	100 x 125 mm
Insertion depth	73 mm

- with push lock function
- with imprint
- with neutral-position
- with cable entry diameter 22.5 mm (PG 16) at bottom
- with flush-mounted box
- with cover lock
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Lock cylinder		page 655
replacement		
Metal cover with imprint	1903	654

i 881

DESIGN	ORDER NO.	PU
Switch for blinds 2pole with imprint flush-mounted for lock cylinder	**4412**	1



Metal cover with imprint

- replacement
- aluminium

SUITABLE FOR	ORDER NO.	PAGE
Switch for blinds 2pole with imprint flush-mounted for lock cylinder	4412	654

DESIGN	ORDER NO.	PU
Metal cover with imprint	**1903**	1



Push-button for blinds 1pole surface-mounted for lock cylinder

- 0 position

↑ 0 ↓

Rated voltage	250 V~
Momentary-contact current	16 A
Dimensions (W x H x D)	74 x 74 x 45 mm

- with imprint
- 1pole
- with neutral-position
- with cable entry diameter 11 mm at backside
- with cable entry diameter 22.5 mm (PG 16) at bottom
- with cover lock
- with screw terminals

IP44

SUITABLE FOR	ORDER NO.	PAGE
Lock cylinder		page 655

DESIGN	ORDER NO.	PU
Push-button for blinds 1pole surface-mounted for lock cylinder	**4447**	1



Push-button for blinds 1pole flush-mounted for lock cylinder

- 0 position

↑ 0 ↓

Rated voltage	250 V~
Momentary-contact current	16 A
Dimensions (L x W)	75 x 75 mm
Insertion depth	59 mm

- with imprint
- 1pole
- with neutral-position
- with cable entry diameter 11 mm at top and backside
- with flush-mounted box
- with cover lock
- with screw terminals

IP44

SUITABLE FOR	ORDER NO.	PAGE
Lock cylinder		page 655

DESIGN	ORDER NO.	PU
Push-button for blinds 1pole flush-mounted for lock cylinder	**4449**	1

Supplementary products



Lock cylinder

In key switches, the key can be pulled out in the ON position in the appropriate bolt position.
With 5 tumblers to according to DIN 18252

- for switches/push-buttons for lock cylinders
- with 3 keys
- for change-over switches/push-buttons for lock cylinders

SUITABLE FOR	ORDER NO.	PAGE
Key switches/key push-buttons		page 652
Key switches/key push-buttons for blinds		page 654

i 881

DESIGN	ORDER NO.	PU
with differing closures		
Lock cylinder	**1818**	1
with same closures		
Lock cylinder	**1818 01**	1

SCHUKO SOCKET OUTLETS WITH HINGED COVER

- Connection terminals according to IEC 60884-1

Combination SCHUKO socket outlets with hinged cover



IP44

2gang SCHUKO socket outlet horizontal with hinged cover surface-mounted

- Screw terminals

Rated voltage	250 V~
Rated current	16 A
Conductor cross-section	1 mm² ... 2.5 mm²

- with cable entry at top and bottom
- with hollow base
- inserts wired-through
- with screw terminals

i 960

Instead of socket outlets, any other devices from the ISO-Panzer IP44 and IP66 ranges with degree of protection IP44 can be used.

Housing screws, hinged cover springs and axles made of stainless steel.

2

DESIGN	ORDER NO.	PU
dark grey/yellow	**4370**	1



IP44

Surface-mounted double SCHUKO socket outlet with hinged cover

- Screw terminals

Rated voltage	250 V~
Rated current	16 A

- side knock out openings for entries
- for horizontal mounting
- with hollow base
- inserts wired-through
- with screw terminals

i 960

As a result of the side cable entries specially suited for installation over workbenches.

Housing screws, hinged cover springs and axles made of stainless steel.

2

DESIGN	ORDER NO.	PU
dark grey/yellow	**4322**	1



IP44

3gang SCHUKO socket outlet surface-mounted with hinged cover

- Screw terminals

Rated voltage	250 V~
Rated current	16 A

- side knock out openings for entries
- for horizontal mounting
- with hollow base
- inserts wired-through
- with screw terminals

i 960

As a result of the side cable entries specially suited for installation over workbenches.

Switches, push-buttons, pilot lamps and data connector housings can be used instead of socket outlets.

Housing screws, hinged cover springs and axles made of stainless steel.

3

DESIGN	ORDER NO.	PU
dark grey/yellow	**4323**	1



SCHUKO socket outlet with hinged cover surface-mounted

- Screw terminals

- with cable entry at top and bottom
- with hollow base
- with screw terminals

Rated voltage	250 V~
Rated current	16 A

i 960

IP44

Housing screws, hinged cover spring and axle made of stainless steel.

DESIGN	ORDER NO.	PU
dark grey/yellow	**4280**	1

INTERNATIONAL SOCKET OUTLET SYSTEMS

NEMA-socket outlets



Socket outlet with earthing contact and hinged cover USA/CANADA NEMA 5-15 R surface-mounted

- Screw terminals

- 2pole + earth
- with hollow base
- with screw terminals

Rated voltage	125 V~
Rated current	15 A
Conductor cross-section (rigid)	max. 2 x 4 mm²

i 960

IP44

Housing screws, hinged cover springs and axles made of stainless steel.
Not UL-certified.
Standard NEMA 5-15 R

DESIGN	ORDER NO.	PU
dark grey/yellow	**4286**	1



Socket outlet with earthing contact and hinged cover 2gang vertical USA/CANADA NEMA 5-15 R surface-mounted

- Screw terminals

- 2pole + earth
- with hollow base
- with screw terminals

Rated voltage	125 V~
Rated current	15 A
Conductor cross-section (rigid)	max. 2 x 4 mm²

i 960

IP44

Housing screws, hinged cover springs and axles made of stainless steel.
Not UL-certified.
Standard NEMA 5-15 R

DESIGN	ORDER NO.	PU
dark grey/yellow	**4293**	1



IP44

Socket outlet with earthing contact and hinged cover 3gang horizontal USA/CANADA NEMA 5-15 R surface-mounted

- Screw terminals

- 2pole + earth
- with hollow base
- with screw terminals

Rated voltage	125 V~
Rated current	15 A
Conductor cross-section (rigid)	max. 2 x 4 mm²

Housing screws, hinged cover springs and axles made of stainless steel.
Not UL-certified.
Standard NEMA 5-15 R

i 960

DESIGN	ORDER NO.	PU
dark grey/yellow	**4324**	1



IP44

Socket outlet with earthing contact and hinged cover USA/CANADA NEMA 5-20 R surface-mounted

- Screw terminals

- 2pole + earth
- with hollow base
- with screw terminals

Rated voltage	125 V~
Rated current	20 A
Conductor cross-section (rigid)	max. 2 x 4 mm²

Housing screws, hinged cover springs and axles made of stainless steel.
Not UL-certified.
Standard NEMA 5-20 R

i 960

DESIGN	ORDER NO.	PU
dark grey/yellow	**4288**	1



IP44

Socket outlet with earthing contact and hinged cover 2gang vertical USA/CANADA NEMA 5-20 R surface-mounted

- Screw terminals

- 2pole + earth
- with hollow base
- with screw terminals

Rated voltage	125 V~
Rated current	20 A
Conductor cross-section (rigid)	max. 2 x 4 mm²

Housing screws, hinged cover springs and axles made of stainless steel.
Not UL-certified.
Standard NEMA 5-20 R

i 960

DESIGN	ORDER NO.	PU
dark grey/yellow	**4294**	1



IP44

Socket outlet with earthing contact and hinged cover 3gang horizontal USA/CANADA NEMA 5-20 R surface-mounted

- Screw terminals

Rated voltage	125 V~
Rated current	20 A
Conductor cross-section (rigid)	max. 2 x 4 mm²

Housing screws, hinged cover springs and axles made of stainless steel.
Not UL-certified.
Standard NEMA 5-20 R

- 2pole + earth
- with hollow base
- with screw terminals

i 960

DESIGN	ORDER NO.	PU
dark grey/yellow	**4325**	1

SWITCHES/PUSH-BUTTONS

Rocker switches



IP44

Change-over switch surface-mounted

- Clear lens

Rated voltage	250 V~
Switching current	10 AX

Housing screws made of stainless steel.

- for illumination and monitoring circuit
- with cable entry at top and bottom
- with additional terminal, e.g. for control switch function
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Glow and neon lamp units		page 661

i 960

DESIGN	ORDER NO.	PU
dark grey/yellow	**3446**	1

Rocker push-buttons



IP44

Push-button, NO contact with 2 separate signal contacts surface-mounted

- Red lens

Rated voltage	250 V~
Momentary-contact current	10 A
Neon lamp current	2.7 mA

Housing screws made of stainless steel.
With light, bell, door and neutral symbols.

- for illumination and monitoring circuit
- can be illuminated with neon and glow lamp unit
- with neon lamp unit for rocker switch and rocker push-button order no. 1615
- with cable entry at top and bottom
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Glow and neon lamp units		page 661

i 960

DESIGN	ORDER NO.	PU
dark grey/yellow	**5041 01**	1

Multi-pole rocker switches



Change-over switch 2pole surface-mounted for lock cylinders

Rated voltage	250 V~
Switching current	10 A

Housing screws made of stainless steel.

- with cable entry at top and bottom
- for master-key systems
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Lock cylinder	1818 ..	72

IP44

DESIGN	ORDER NO.	PU
dark grey/yellow	**4386**	1

COMBINATIONS

- Connection terminals according to IEC 60884-1



IP44

Combination rotary switch/SCHUKO socket outlet with hinged cover surface-mounted

- Change-over switch
- Screw terminals

Rated voltage	250 V~
Rated current	16 A
Switching current	16 AX

Instead of socket outlets, any other devices from the ISO-Panzer IP44 and IP66 ranges (or higher) can be used with degree of protection IP44.

Housing screws, hinged cover spring and axle made of stainless steel.

- with cable entry at top and bottom
- for vertical mounting
- with hollow base
- phase wired-through
- with screw terminals

DESIGN	ORDER NO.	PU
dark grey/yellow	**4246**	1



IP44

Combination key switch/SCHUKO socket outlet with hinged cover and imprint surface-mounted

- Screw terminals

Rated voltage	250 V~
Rated current	16 A
Switching current	10 A

Instead of SCHUKO socket outlets, any other devices from the ISO-Panzer IP44 and IP66 ranges with degree of protection IP44 can be used.

Housing screws, hinged cover spring and axle made of stainless steel.

- with imprint "0 - 1"
- with cable entry at top and bottom
- for vertical mounting
- with hollow base
- phase and neutral conductor wired-through
- for master-key systems
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Lock cylinder		page 655
optional		
Labelling field for terminal attachment		page 662

DESIGN	ORDER NO.	PU
dark grey/yellow, 2-pole can be switched on/off	**4432**	1

BLIND SWITCHES/PUSH-BUTTONS

Key switches/key push-buttons for blinds



Push-button for blinds 1pole with imprint surface-mounted for lock cylinder

- 0 position

↑ 0 ↓

Rated voltage	250 V~
Momentary-contact current	10 A

Housing screws made of stainless steel.

- with cable entry at top and bottom
- for master-key systems
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Lock cylinder		page 655
optional		
Labelling field for terminal attachment		page 662

IP44



DESIGN	ORDER NO.	PU
dark grey/yellow	**4391**	1

HOUSINGS



Empty housing

Housing screws made of stainless steel.

- with cable entry at top and bottom
- 1 knock out opening, for command unit dia. 22.5 mm

IP44

DESIGN	ORDER NO.	PU
dark grey	**4290**	1



Housing for signalling and command unit Ø 22.5 mm

Housing screws made of stainless steel.
Degree of protection IP44 is only guaranteed in conjunction with a suitable command unit!

- with cable entry at top and bottom
- with cut-out dia. 22.5 mm

IP44

DESIGN	ORDER NO.	PU
dark grey/yellow	**4291**	1

SUPPLEMENTARY PRODUCTS

Glow and neon lamp units



Incandescent lamp unit for switches/push-buttons

SUITABLE FOR	ORDER NO.	PAGE
Change-over switch surface-mounted	3446	659
Push-button, NO contact with 2 separate signal contacts surface-mounted	5041 01	659

DESIGN	ORDER NO.	PU
yellow, 12 V, 65 mA	**1617**	10
green, 24 V, 35 mA	**1618**	10
red, 48 V, 25 mA	**1637**	10



Neon lamp unit for switches/push-buttons

Operating voltage 250 V~
Rated current 0.003 A

When several neon lamp units are used, the lamp current may result in malfunctioning of the relay/pulse relay. Remedy: Carry along a neutral conductor or connect a capacitor 230 V (1 µF per 10 mA neon lamp current) in parallel with the coil.

SUITABLE FOR	ORDER NO.	PAGE
Change-over switch surface-mounted	3446	659
Push-button, NO contact with 2 separate signal contacts surface-mounted	5041 01	659

DESIGN	ORDER NO.	PU
white	**1615**	10

Labelling fields



Labelling field for terminal attachment

Labelling field height arranged for P-touch strips 9 mm.

- as devices cover for clamp cover

IP44

SUITABLE FOR	ORDER NO.	PAGE
SCHUKO SOCKET OUTLETS WITH HINGED COVER		page 656
INTERNATIONAL SOCKET OUTLET SYSTEMS		page 657
SWITCHES/PUSH-BUTTONS		page 659
COMBINATIONS		page 660
BLIND SWITCHES/PUSH-BUTTONS		page 661
HOUSINGS		page 661

DESIGN	ORDER NO.	PU
dark grey	**1901**	10

Entries/connectors



Connector for multiple combinations

- to combine devices

IP44

DESIGN	ORDER NO.	PU
black	**1880 01**	10



Connector for multiple combinations IP44/IP66

- to combine IP44 devices with IP66 devices

DESIGN	ORDER NO.	PU
black	**1806**	10



Cable entry

IP44

DESIGN	ORDER NO.	PU
black, for 1 cable	**1881 01**	10



Entry M20 x 1.5, can be screwed

IP44

DESIGN	ORDER NO.	PU
black, for 1 cable	**1962 01**	10

SCHUKO CONNECTING DEVICES

SCHUKO socket outlets



SCHUKO socket outlet surface-mounted

- **Bayonet hinged cover**
- **enhanced contact protection**
- **Screw terminals**

IP66

Rated voltage 250 V~
Rated current 16 A

Housing screws made of stainless steel.
Connection terminals according to IEC 60884-1

- with cable entry at top and bottom
- for SCHUKO right angle plug with bayonet lock
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
SCHUKO right angle plug with bayonet lock surface-mounted	4631	663

i 960

DESIGN	ORDER NO.	PU
dark grey/yellow	**4283**	1

SCHUKO plugs



SCHUKO right angle plug with bayonet lock surface-mounted

Rated voltage 250 V~
Rated current 16 A
Conductor cross-section (rigid) max. 2 x 2.5 mm²

- with threaded joint dia. 15.2 mm (PG 9)
- for interlocked SCHUKO socket outlet
- with screw terminals

IP66

SUITABLE FOR	ORDER NO.	PAGE
SCHUKO socket outlet surface-mounted	4283	663

DESIGN	ORDER NO.	PU
dark grey/yellow	**4631**	1

SWITCHES/PUSH-BUTTONS

Rotary switches



Surface-mounted rotary switch change-over

Rated voltage 250 V~
Switching current 16 AX

Housing screws made of stainless steel.
Switching sequence e.g. for clockwise series switch:
0 > 1 > 1+2 > 2 > 0

- with cable entry at top and bottom
- with screw terminals

i 960

IP66

DESIGN	ORDER NO.	PU
dark grey/yellow	**3046**	1



Surface-mounted rotary switch series

Rated voltage 250 V~
Switching current 16 AX

Housing screws made of stainless steel.
Switching sequence e.g. for clockwise series switch:
0 > 1 > 1+2 > 2 > 0

- with cable entry at top and bottom
- with screw terminals

i 960

IP66

DESIGN	ORDER NO.	PU
dark grey/yellow	**3045**	1



Control rotary switch off/change-over surface-mounted

- Red lens

IP66

Rated voltage 250 V~
Switching current 16 AX
Neon lamp current 2.7 mA

Housing screws made of stainless steel.

- for illumination and monitoring circuit
- with cable entry at top and bottom
- with additional terminal, e.g. for control switch function
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Glow lamp unit for rotary control switch	1613	665
Neon lamp unit for rotary control switch	1611	665
Glow lamp unit for rotary control switch	1614	665

i 960



DESIGN	ORDER NO.	PU
dark grey/yellow	**3146**	1

Multi-pole rotary switches



Control rotary switch 2pole off surface-mounted

- Red lens

IP66

Rated voltage 250 V~
Switching current 16 AX
Neon lamp current 2.7 mA

Housing screws made of stainless steel.

- with imprint "0 - 1"
- for illumination and monitoring circuit
- with cable entry at top and bottom
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Neon lamp unit for rotary control switch	1611	665
Glow lamp unit for rotary control switch	1613	665
Glow lamp unit for rotary control switch	1614	665

i 960



DESIGN	ORDER NO.	PU
dark grey/yellow	**3142**	1

BLIND SWITCHES/PUSH-BUTTONS



Rotary switch for blinds 2pole with imprint surface-mounted

IP66

Rated voltage 250 V~
Switching current 10 A

Housing screws made of stainless steel.

- with push lock function
- with neutral-position
- with cable entry at top and bottom
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Interlock disk for rotary switch for blinds surface-mounted	1906	664



DESIGN	ORDER NO.	PU
dark grey/yellow	**4342**	1



Interlock disk for rotary switch for blinds surface-mounted

- for conversion to rotary push-button for blinds

DESIGN	ORDER NO.	PU
yellow	**1906**	10

PILOT LAMPS



Pilot lamp E14 surface-mounted

Rated voltage	250 V~
Incandescent lamp power	max. 3 W
Long lamp base	max. 23.5 mm

Housing screws made of stainless steel.

- with cable entry at top and bottom
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Cover for pilot lamp E14		page 665
Incandescent lamp E14		page 665
LED lamp E14		page 666

IP66

DESIGN	ORDER NO.	PU
dark grey	**5152**	1



Cover for pilot lamp E14

SUITABLE FOR	ORDER NO.	PAGE
Pilot lamp E14 surface-mounted	5152	665

IP66

DESIGN	ORDER NO.	PU
clear, transparent	**1241**	10
red, transparent	**1241 01**	10
yellow, transparent	**1241 02**	10
green, transparent	**1241 03**	10

SUPPLEMENTARY PRODUCTS

Glow and neon lamp units



Glow lamp unit for rotary control switch

SUITABLE FOR	ORDER NO.	PAGE
Control rotary switch 2pole off surface-mounted	3142 ..	664
Control rotary switch off/change-over surface-mounted	3146 ..	664

DESIGN	ORDER NO.	PU
yellow, 12 V, 65 mA	**1613**	10
green, 24 V, 35 mA	**1614**	10



Neon lamp unit for rotary control switch

Operating voltage	250 V~
Rated current	0.003 A

SUITABLE FOR	ORDER NO.	PAGE
Control rotary switch off/change-over surface-mounted	3146 ..	664
Control rotary switch 2pole off surface-mounted	3142 ..	664

DESIGN	ORDER NO.	PU
white	**1611**	10

Incandescent and LED lamps



Incandescent lamp E14

Operating voltage	230 V~
Power	3 W

- for pilot lamp with flat cover

SUITABLE FOR	ORDER NO.	PAGE
Pilot lamp E14 surface-mounted	5152	665

DESIGN	ORDER NO.	PU
Incandescent lamp E14 for pilot lamp with flat cover, clear, transparent, for pilot lamp with flat cover	**1610 03**	100
Incandescent lamp E14 for pilot lamp high cover, clear, transparent, for pilot lamp with high cover	**1610 13**	100



LED lamp E14

Operating voltage	230 V~/=
Rated current	4.2 mA
Operating temperature	-40 ... +70 °C

[1] Typ. up to approx. 50 % of the output brightness

- for light signal with flat and high cover
- very long LED lifetime

SUITABLE FOR	ORDER NO.	PAGE
Pilot lamp E14 surface-mounted	5152	665

DESIGN	ORDER NO.	PU
white	**1679**	10
red	**1679 01**	10
yellow	**1679 02**	10
green	**1679 03**	10
blue	**1679 04**	10

Entries/connectors



Connector for multiple combinations

- to combine several IP66 devices (except for SCHUKO socket outlets AP order no. 4283)

IP66

DESIGN	ORDER NO.	PU
black	**1808**	10



Connector for multiple combinations IP44/IP66

- to combine IP44 devices with IP66 devices

DESIGN	ORDER NO.	PU
black	**1806**	10



Cable entry

IP66

DESIGN	ORDER NO.	PU
black, for 1 cable	**1807**	10



Berker

SCHUKO SOCKET OUTLETS	670-672
INTERNATIONAL SOCKET OUTLET SYSTEMS	672
SWITCHES/PUSH-BUTTONS	672-674
COMBINATIONS	674
PILOT LAMPS	675
SUPPLEMENTARY PRODUCTS	675-677

An optimum solution for installation in dry rooms

- Specially for mounting with surface-mounted cable trains
- Quick, easy and uncomplicated

SCHUKO SOCKET OUTLETS

- Connection terminals according to IEC 60884-1



SCHUKO socket outlet surface-mounted

Rated voltage 250 V~
Rated current 16 A

- with hollow base
- with cable and duct entry
- knock out opening for entry at top and bottom
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Entries/connectors		page 676
Base plate 1gang, self-extinguishing	1052 50	675

i 959

DESIGN	ORDER NO.	PU
white glossy	**4700 40**	10



SCHUKO socket outlet surface-mounted

- enhanced contact protection

Rated voltage 250 V~
Rated current 16 A

- with hollow base
- with cable and duct entry
- knock out opening for entry at top and bottom
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Base plate 1gang, self-extinguishing	1052 50	675

i 959

DESIGN	ORDER NO.	PU
white glossy	**4700 30**	10



SCHUKO socket outlet surface-mounted

- Screw terminals

Rated voltage 250 V~
Rated current 16 A

- with cable and duct entry
- knock out opening for entry at top and bottom
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Entries/connectors		page 676
Base plate 1gang, self-extinguishing	1052 50	675

i 959

DESIGN	ORDER NO.	PU
with hollow base		
white glossy	**4000 99 40**	10
without hollow base		
white glossy	**4000 99 50**	10



SCHUKO socket outlet surface-mounted

- enhanced contact protection
- Screw terminals

Rated voltage 250 V~
Rated current 16 A

- with hollow base
- with cable and duct entry
- knock out opening for entry at top and bottom
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Entries/connectors		page 676
Base plate 1gang, self-extinguishing	1052 50	675

i 959

DESIGN	ORDER NO.	PU
white glossy	**4000 99 30**	10

SCHUKO socket outlets with safety device



SCHUKO socket outlet with overvoltage protection surface-mounted

- Labelling field
- Screw terminals

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Insertion depth	32 mm

- with imprint
- with hollow base
- knock out opening for entry at top and bottom
- with indicator LED for "on/error"
- with acoustic fault signal
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Entries/connectors		page 676
Base plate 1gang, self-extinguishing	1052 50	675

Labelling field height arranged for P-touch strips 6 mm.
Overvoltage protection according to EN 61643 and VDE 0675-6-11

i 945

DESIGN	ORDER NO.	PU
white glossy	**4006 41**	1

Multiple SCHUKO socket outlets



Surface-mounted double SCHUKO socket outlet

Rated voltage	250 V~
Rated current	16 A

- for vertical and horizontal mounting
- with hollow base
- with cable and duct entry
- knock out opening for entry at top and bottom
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Entries/connectors		page 676
Base plate self-extinguishing for double socket outlet	1053 40	676

i 959

DESIGN	ORDER NO.	PU
white glossy	**4721 40**	10



Surface-mounted double SCHUKO socket outlet

- enhanced contact protection

Rated voltage	250 V~
Rated current	16 A

- for vertical and horizontal mounting
- with hollow base
- with cable and duct entry
- knock out opening for entry at top and bottom
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Entries/connectors		page 676
Base plate self-extinguishing for double socket outlet	1053 40	676

i 959

DESIGN	ORDER NO.	PU
white glossy	**4721 30**	10



3gang SCHUKO socket outlet, surface-mounted

- Screw terminals

Rated voltage 250 V~
Rated current 16 A

- for vertical and horizontal mounting
- with hollow base
- knock out openings for entries at top, bottom and side
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Entries/connectors		page 676
Base plate self-extinguishing for 3gang socket outlet	1055	676

i 959

DESIGN	ORDER NO.	PU
white glossy	**4040**	5

INTERNATIONAL SOCKET OUTLET SYSTEMS

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1

Socket outlets with earthing pin



Socket outlet with earthing pin surface-mounted

- enhanced contact protection
- Screw terminals

Rated voltage 250 V~
Rated current 16 A
Mirror depth 14.5 mm

- 2pole + earth
- with hollow base
- with cable and duct entry
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Base plate 1gang, self-extinguishing	1052 50	675

DESIGN	ORDER NO.	PU
white glossy	**6760 06 40**	10

SWITCHES/PUSH-BUTTONS

Rocker switches



Rocker switch surface-mounted

Rated voltage 250 V~
Switching current 10 AX

- knock out opening for entry at top and bottom
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Base plate 1gang, self-extinguishing	1052 50	675

i 959

DESIGN	ORDER NO.	PU
Change-over switch surface-mounted, white glossy [1]	**3006 40**	10
Intermediate switch surface-mounted, white glossy [1]	**3007 40**	10

[1] with cable and duct entry



On/off switch 2pole with imprint "0" and "I", surface-mounted

Rated voltage 250 V~
Switching current 10 AX

- knock out opening for entry at top and bottom
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Base plate 1gang, self-extinguishing	1052 50	675

i 959

DESIGN	ORDER NO.	PU
white glossy [1]	**3002 40**	10

[1] with cable and duct entry



On/off switch 3pole with imprint "0" and "I", surface-mounted

Rated voltage 400 V~
Switching current 16 AX

- with cable and duct entry
- knock out opening for entry at top and bottom
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Entries/connectors		page 676
Base plate 1gang, self-extinguishing	1052 50	675

i 959



DESIGN	ORDER NO.	PU
white glossy	**3003 40**	10



Control rocker switch surface-mounted

- Red lens



Rated voltage 250 V~
Switching current 10 AX
Neon lamp current 1 mA

- with cable entry at top and bottom
- knock out opening for entry at top and bottom
- can be illuminated using neon and glow lamp unit with N-terminal
- for illumination and monitoring circuit
- with neon lamp unit with N terminal order no. 1675
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Entries/connectors		page 676
Base plate 1gang, self-extinguishing	1052 50	675
optional		
Incandescent lamp unit with N terminal	1676 ..	66
LED unit 230 V, for switches/push-buttons	1686 ..	20
LED unit for switches/push-buttons	1687	67
replacement		
Neon lamp unit with N terminal	1675 ..	66

i 959





DESIGN	ORDER NO.	PU
Control change-over switch surface-mounted, white	**3016 40**	10
Control on/off switch 2pole with imprint "0" surface-mounted, white glossy	**3012 40**	10

Combination rocker switches



Series switch surface-mounted

Rated voltage 250 V~
Switching current 10 AX

- knock out opening for entry at top and bottom
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Base plate 1gang, self-extinguishing	1052 50	675



DESIGN	ORDER NO.	PU
white glossy [1]	**3005 40**	10

[1] with cable and duct entry



Surface-mounted double change-over switch, isolated input terminals

Rated voltage 250 V~
Switching current 10 AX

- knock out opening for entry at top and bottom
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Entries/connectors		page 676
Base plate 1gang, self-extinguishing	1052 50	675



DESIGN	ORDER NO.	PU
white glossy [1]	**3008 40**	10

[1] with cable and duct entry

Pullcord switches



Pullcord switch off/change-over surface-mounted

Rated voltage	250 V~
Switching current	10 AX
Long pullcord	12 cm

- for wall and ceiling mounting
- with cable and duct entry
- knock out opening for entry at top and bottom
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Entries/connectors		page 676
Base plate 1gang, self-extinguishing	1052 50	675



DESIGN	ORDER NO.	PU
white glossy [1]	**3906 40**	10

[1] with cable and duct entry

Rocker push-buttons



Push-button, change-over contact surface-mounted

- Red lens



Rated voltage	250 V~
Momentary-contact current	10 A

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- with cable and duct entry
- knock out opening for entry at top and bottom
- can be illuminated using neon and glow lamp unit with N-terminal
- for illumination and monitoring circuit
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Entries/connectors		page 676
Base plate 1gang, self-extinguishing	1052 50	675
optional		
Neon lamp unit with N terminal	1675 ..	66
Incandescent lamp unit with N terminal	1676 ..	66
LED unit 230 V, for switches/push-buttons	1686 ..	20
LED unit for switches/push-buttons	1687 ..	67

i 959



DESIGN	ORDER NO.	PU
white glossy	**5006 99 40**	10

COMBINATIONS

Rocker switch combinations/SCHUKO socket outlets



Combination change-over switch/SCHUKO socket outlet surface-mounted

Rated voltage	250 V~
Rated current	16 A
Switching current	10 AX

Connection terminals according to IEC 60884-1

- for vertical mounting
- change-over switch and socket outlet connectable separately
- with hollow base
- with cable and duct entry
- knock out opening for entry at top and bottom
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Base plate self-extinguishing for combination 2gang	1054 40	676

i 959



DESIGN	ORDER NO.	PU
white glossy [1]	**4796 40**	5

[1] with cable and duct entry

PILOT LAMPS



Surface-mounted push-button/pilot lamp E10, NO contact

Rated voltage	250 V~
Momentary-contact current	2 A
Incandescent lamp power	max. 2 W

- with cable and duct entry
- knock out opening for entry at top and bottom
- for illumination and monitoring circuit
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Entries/connectors		page 676
Base plate 1gang, self-extinguishing	1052 50	675
Knob for push-button/pilot lamp E10	1279 ..	69
Cover for push-button/pilot lamp E10	128 ..	69
Neon lamp E10	1601	68
LED lamp E10	1678 ..	68

i 881



DESIGN	ORDER NO.	PU
white glossy	**5100 40**	10



Pilot lamp E14 surface-mounted

Rated voltage	250 V~
Incandescent lamp power	max. 3 W
Long lamp base	max. 23.5 mm

- with cable and duct entry
- knock out opening for entry at top and bottom
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Incandescent lamp E14		page 68
Cover for pilot lamp E14		page 69
Entries/connectors		page 676
Base plate 1gang, self-extinguishing	1052 50	675
LED lamp E14	1679 ..	68



DESIGN	ORDER NO.	PU
white glossy	**5130 40**	10

SUPPLEMENTARY PRODUCTS



Rocker

- Labelling field



For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

The rocker can be replaced in all rocker switches and rocker push-buttons in the surface-mounted range except 2- and 3pole off.

DESIGN	ORDER NO.	PU
white glossy	**1636 40**	10

Base plates



Base plate 1gang, self-extinguishing

- for 1gang devices
- for mounting on combustible base surface
- with imprint

SUITABLE FOR	ORDER NO.	PAGE
SWITCHES/PUSH-BUTTONS		page 672
PILOT LAMPS		page 675
SCHUKO socket outlet surface-mounted	4000 ..	670
SCHUKO socket outlet with overvoltage protection surface-mounted	4006 41	671
SCHUKO socket outlet surface-mounted	4700 ..	670
Socket outlet with earthing pin surface-mounted	6760 06 40	672

DESIGN	ORDER NO.	PU
white	**1052 50**	10



Base plate self-extinguishing for double socket outlet

- for mounting on combustible base surface
- with imprint

SUITABLE FOR	ORDER NO.	PAGE
Surface-mounted double SCHUKO socket outlet	4721 ..	671

DESIGN	ORDER NO.	PU
white	**1053 40**	10



Base plate self-extinguishing for combination 2gang

- for mounting on combustible base surface
- with imprint

SUITABLE FOR	ORDER NO.	PAGE
Combination change-over switch/ SCHUKO socket outlet surface-mounted	4796 40	674

DESIGN	ORDER NO.	PU
white	**1054 40**	10



Base plate self-extinguishing for 3gang socket outlet

- for mounting on combustible base surface
- with imprint

SUITABLE FOR	ORDER NO.	PAGE
3gang SCHUKO socket outlet, surface-mounted	4040 ..	672

DESIGN	ORDER NO.	PU
white	**1055**	10

Entries/connectors



Wire and duct entry

Also suitable for surface-mounted frames and housings from the flush-mounted ranges.

- for wire or 15 x 15 mm cable duct

SUITABLE FOR	ORDER NO.	PAGE
SCHUKO SOCKET OUTLETS		page 670
SWITCHES/PUSH-BUTTONS		page 672
COMBINATIONS		page 674
PILOT LAMPS		page 675
SURFACE-MOUNTED HOUSINGS		page 249
SURFACE-MOUNTED HOUSINGS		page 258
Surface-mounted housing high		page 587
Frame 1gang surface-mounted	1001 0 ..	511

DESIGN	ORDER NO.	PU
white	**1813**	10
polar white	**1813 09**	10
black	**1813 05**	10



Tube entry

Distance from wall to centre of pipe 16 mm

Also suitable for surface-mounted frames and housings from the flush-mounted ranges.

Suitable tubes for surface-mounted installation can be purchased at www.fraenkische-elektro.de.

- for tubes with coupling dia. 20.5 mm (PG 13.5) and M 20
- for tubes with Ø 15.2 mm (PG 9) and M 16

SUITABLE FOR	ORDER NO.	PAGE
SCHUKO SOCKET OUTLETS		page 670
SWITCHES/PUSH-BUTTONS		page 672
COMBINATIONS		page 674
PILOT LAMPS		page 675
SURFACE-MOUNTED HOUSINGS		page 249
SURFACE-MOUNTED HOUSINGS		page 258
Surface-mounted housing high		page 587
Frame 1gang surface-mounted	1001 0 ..	511

DESIGN	ORDER NO.	PU
polar white	**1817 09**	10
black	**1817 05**	10



B.
Berker

ELECTRIC RANGE CONNECTION BOXES	680
CEE CONNECTING DEVICES	680-684
SCHUKO CONNECTING DEVICES	684
EQUIPOTENTIAL BONDING SOCKETS	684-685
SUPPLEMENTARY PRODUCTS	685

Whether for electric ranges, large-scale kitchens, industry, building sites or other applications – connection boxes and connecting devices are needed everywhere. Berker offers a broad spectrum of products in response to the many and varied demands of everyday use.

Available systems:

- Electric range connection boxes
- CEE industrial connecting devices
- SCHUKO connecting devices
- Accessory articles

ELECTRIC RANGE CONNECTION BOXES



Electric range connection box surface-mounted/flush-mounted

Conductor cross-section (rigid)	max. 2.5 mm²
Dimensions (L x W x H)	86 x 86 x 28 mm

- with 5pole double terminal, locking
- additional pin cover possible
- for screw and spread fixing in 60 and 70 box
- with screw terminals

DESIGN	ORDER NO.	PU
polar white	**4478 09**	5



Electric range connection box flush-mounted

Conductor cross-section (rigid)	max. 2.5 mm²
Dimensions (L x W x H)	86 x 86 x 12 mm

Quick-mounting with a spreader claw bolt.

- with 5pole double terminal, locking
- for screw and spread fixing in 60 and 70 box
- flat execution
- with screw terminals

DESIGN	ORDER NO.	PU
polar white	**4477 09**	5

CEE CONNECTING DEVICES

CEE connecting devices 3pole



CEE socket outlet 3pole with flush-mounted hinged cover 16 A

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
3-pole	P + N + PE
Protective contact position	6 h

- with flush-mounted box
- with screw terminals

IP44

DESIGN	ORDER NO.	PU
polar white	**5684 01**	5



CEE socket outlet 3pole with hinged cover surface-mounted 16 A

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
3-pole	P + N + PE
Conductor Ø	max. 18 mm
Protective contact position	6 h

- with cable entry
- with screw terminals

IP44

DESIGN	ORDER NO.	PU
light grey	**5581 01**	5



CEE socket outlet 3pole with hinged cover EB 16 A

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
3-pole	P + N + PE
Protective contact position	6 h

- built-on socket outlet
- suitable for cable duct, type 68 and 74 flush-mounted and hollow-wall boxes
- suitable e.g. for switch cabinet door
- with screw terminals

IP44

DESIGN	ORDER NO.	PU
polar white	**5681 01**	5



CEE right angle plug 3pole 16 A

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
3-pole	P + N + PE
Protective contact position	6 h

- with internal anti-kink protection
- with screw terminals

IP44

DESIGN	ORDER NO.	PU
grey/blue	**5781 01**	10



CEE socket outlet 3pole with flush-mounted hinged cover 32 A

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	32 A
3-pole	P + N + PE
Protective contact position	6 h

- with flush-mounted box
- with screw terminals

IP44

DESIGN	ORDER NO.	PU
polar white	**5786 01**	5



CEE socket outlet, 3pole with hinged cover AP 32 A

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	32 A
3-pole	P + N + PE
Conductor Ø	max. 18 mm
Protective contact position	6 h

- with cable entry
- with screw terminals

IP44

DESIGN	ORDER NO.	PU
light grey	**5784 01**	5



CEE right angle plug 3pole 32 A

Rated voltage	400 V~
Frequency	50/60 Hz
Rated current	32 A
3-pole	P + N + PE
Protective contact position	6 h

- with internal anti-kink protection
- with screw terminals

IP44

DESIGN	ORDER NO.	PU
grey/blue	**5783 01**	10

CEE connecting devices 5pole



CEE socket outlet 5pole with flush-mounted hinged cover 16 A

Rated voltage	400 V~
Frequency	50/60 Hz
Rated current	16 A
5-pole	3 P + N + PE
Protective contact position	6 h

- with flush-mounted box
- with screw terminals

IP44

DESIGN	ORDER NO.	PU
polar white	**5680 01**	5



CEE socket outlet 5pole with hinged cover surface-mounted 16 A

Rated voltage	400 V~
Frequency	50/60 Hz
Rated current	16 A
5-pole	3 P + N + PE
Cable Ø	max. 18 mm
Protective contact position	6 h

- with cable entry
- with screw terminals

IP44

DESIGN	ORDER NO.	PU
light grey	**5580 01**	5



CEE socket outlet 5pole with hinged cover EB 16 A

Rated voltage	400 V~
Frequency	50/60 Hz
Rated current	16 A
5-pole	3 P + N + PE
Protective contact position	6 h

- built-on socket outlet
- suitable for cable duct, type 74 flush-mounted and hollow-wall boxes
- suitable e.g. for switch cabinet door
- with screw terminals

IP44

DESIGN	ORDER NO.	PU
polar white	**5785 01**	5



CEE right angle plug 5pole 16 A

Rated voltage	400 V~
Frequency	50/60 Hz
Rated current	16 A
5-pole	3 P + N + PE
Protective contact position	6 h

- cable entry can be turned 60° to the left and right
- with internal anti-kink protection
- with screw terminals

IP44

DESIGN	ORDER NO.	PU
grey/red	**5780 01**	10



CEE socket outlet 5pole with flush-mounted hinged cover 32 A

Rated voltage	400 V~
Frequency	50/60 Hz
Rated current	32 A
5-pole	3 P + N + PE
Protective contact position	6 h

- with flush-mounted box
- with screw terminals

IP44

DESIGN	ORDER NO.	PU
polar white	**5682 01**	5



CEE socket outlet, 5pole with hinged cover surface-mounted 32 A

Rated voltage	400 V~
Frequency	50/60 Hz
Rated current	32 A
5-pole	3 P + N + PE
Conductor Ø	max. 18 mm
Protective contact position	6 h

- with cable entry
- with screw terminals

IP44

DESIGN	ORDER NO.	PU
light grey	**5582 01**	5



CEE socket outlet 5pole with hinged cover EB 32 A

Rated voltage	400 V~
Frequency	50/60 Hz
Rated current	32 A
5-pole	3 P + N + PE
Protective contact position	6 h

- built-on socket outlet
- suitable e.g. for switch cabinet door
- with screw terminals
- also suitable for cable ducts

IP44

DESIGN	ORDER NO.	PU
polar white	**5683 01**	5



CEE right angle plug 5pole 32 A

Rated voltage	400 V~
Frequency	50/60 Hz
Rated current	32 A
5-pole	3 P + N + PE
Protective contact position	6 h

- with internal anti-kink protection
- with screw terminals

IP44

DESIGN	ORDER NO.	PU
grey/red	**5782 01**	10

Supplementary products

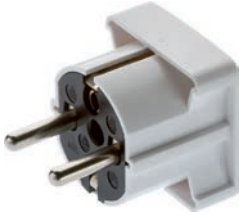


CEE flush-mounted wall box

Bolt spacing	60 mm
Installation depth, flush-mounted boxes	64 mm

DESIGN	ORDER NO.	PU
CEE flush-mounted wall box	**1830 01**	5

SCHUKO CONNECTING DEVICES



SCHUKO right angle plug

Rated voltage	250 V~
Rated current	16 A

- can be screwed
- with screw terminals
- duroplastic housing

DESIGN	ORDER NO.	PU
white	**4606**	20

EQUIPOTENTIAL BONDING SOCKETS



Socket outlet for floating output

- Screw terminals

Conductor cross-section (rigid)	max. 6 mm²

For separate earthing of medical-technical equipment and lab equipment.
Connection pins according to DIN 42801

- without spreader claws
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Central plate for socket outlet for equipotential bonding	1403 ..	235
Centre plate socket outlet for floating output	1705 01 04	431
Right angle plug for floating output	4605	685

DESIGN	ORDER NO.	PU
Socket outlet for floating output	**1061**	10



Built-in socket for floating output

Conductor cross-section (rigid)	max. 6 mm²

For separate earthing of medical-technical equipment and lab equipment.
Connection pins according to DIN 42801

- for centre plate with cut-out dia. 18.8 mm
- with a green yellow signal ring

SUITABLE FOR	ORDER NO.	PAGE
Central plate with installation opening Ø 18.8 mm	1431 ..	168
Centre plate with installation opening Ø 18.8 mm	1070 ..	423
Right angle plug for floating output	4605	685

DESIGN	ORDER NO.	PU
Built-in socket for floating output	**4604**	1



Right angle plug for floating output

Conductor cross-section (rigid) max. 6 mm²

For separate earthing of medical-technical equipment and lab equipment.

For connection pins according to DIN 42801

- for equipotential bonding socket outlet and built-in socket
- with yellow insulating cover and crimp connection

SUITABLE FOR	ORDER NO.	PAGE
Socket outlet for floating output	1061	684
optional		
Built-in socket for floating output	4604	684

DESIGN	ORDER NO.	PU
Right angle plug for floating output	**4605**	1

SUPPLEMENTARY PRODUCTS

Extension claws



Extension claw for attaching

Extension by 15 mm

Not for electronics inserts!

Suitable for switch/button inserts and sockets from before 2011.

DESIGN	ORDER NO.	PU
Extension claw for attaching	**1913**	50



Replacement claw

Extension by 15 mm

Not suitable for switch inserts.

Suitable for the new socket outlet generation from approx. 2011.

DESIGN	ORDER NO.	PU
Set with 20 claws	**1914**	1



B.
Berker

CENTRAL UNITS	688
TRANSMITTERS	688-692
PUSH-BUTTONS	692-696
BLC - BERKER LIGHT CONTROL	696-700
ROLLOTEC SYSTEM	700-703
SUPPLEMENTARY PRODUCTS	703
RADIO CONTROLLERS	704-705
PRESENCE DETECTORS	706
PHYSICAL SENSORS	706
FLUSH-MOUNTED TRANSMITTERS	706-707
SWITCH ACTUATORS, FLUSH-MOUNTED/ BUILT-IN	707-709
PUSH-BUTTON ACTUATORS; FLUSH-MOUNTED	709
DIM ACTUATORS; FLUSH-MOUNTED/BUILT-IN	710-712
BLIND ACTUATORS, FLUSH-MOUNTED	712
RADIO SYSTEM RMD	712-715
SUPPLEMENTARY PRODUCTS	716

Anyone wanting to renovate their property and make it more comfortable does not always need to get to grips with drills and crowbars. The operating systems and devices of our radio bus system work with battery-operated switchable consumers and can be mounted easily without major installation work. They can be used to control blinds and lights easily from any consumer in the building. Really neat!

- Installation in places where conventional installation would not allow mounting of a switch (for example, glass walls)
- Retrofit installation of convenience functions – simply and inexpensively
- Hand-held radio transmitter for further convenience functions such as centralised operation of all lights in the house and garden, simultaneous activation of lights and blinds in light scenes, or central switching-off of all electrical consumers upon leaving the house
- Radio buttons, transmitters and push-button sensors available in the standard and surface range designs

CENTRAL UNITS



HM 1801

Operating voltage	230/240 V~
Number of radio channels	32
Radio transmission/reception frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission/reception range (free field)	max. 100 m
Operating temperature	+4 ... +40 °C
Dimensions (W x H x D)	140 x 230 x 50 mm
Frequency	50/60 Hz

The batteries required for network-independent commissioning 5 x Micro, alkaline (LR 03) are not included in the scope of delivery.

- as radio control centre for all radio transmitters/actuators
- with integrated radio signal amplifier
- time functions by means of radio time with DCF77 receiver
- presence simulation
- short message function/notepad function
- master on/off, light scenes or scenarios e.g. coming/going
- switching, dimming, shutter control
- light scenes quick selection using keyboard
- with programmable logical and time operations
- preset and freely definable names for transmitter, receiver, rooms etc.
- with chip card for saving and loading configurations/programs etc.
- time-dependent controller monitoring
- update for function expansion possible
- with blue Master button either for short messages or coming/going function
- with serial interface
- with child lock
- integral piezo buzzer
- indication of the time and room temperature
- LC display with illumination
- pre-assembled, with cable and plug
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
HM 1801 Mastercard	2700 01	688

i 934

DESIGN		ORDER NO.	PU
polar white matt	#	**2700**	1

Accessories



HM 1801 Mastercard

- for saving and loading additional configurations/programs etc.

SUITABLE FOR	ORDER NO.	PAGE
HM 1801	2700	688

DESIGN		ORDER NO.	PU
polar white	#	**2700 01**	1

TRANSMITTERS

Hand-held transmitter



Radio hand-held transmitter comfort

Operating voltage	6 V=
Battery service life [years]	≈ 3
Number of radio channels	24
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Operating temperature	+0 ... +55 °C
Dimensions (L x W x H)	192 x 53 x 22.5 mm

The required batteries 4 x Micro, alkaline (LR 03) are not in scope of delivery.

For battery-operated radio remote control of all assigned radio bus receivers.

- each channel can be assigned to any number of radio receivers
- with master on/off function
- with 3 channel group LEDs (also transmission and battery status LEDs)
- with 5 light scene buttons
- with light scene dimmer button
- with 3 channel group buttons A, B, C
- with 8 channel buttons (on/off; up/down; dimmer)

i 935



DESIGN		ORDER NO.	PU
anthracite matt	#	**2766**	1



Radio hand-held transmitter mini

Operating voltage	3 V=
Battery service life [years]	≈ 5
Number of radio channels	2
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 30 m
Operating temperature	+0 ... +55 °C
Dimensions (L x W x H)	73 x 40 x 19 mm

For battery-operated radio remote control of all assigned radio bus receivers.

- each channel can be assigned to any number of radio receivers
- with red transmit and battery status LED
- with lithium coin cell battery 3 V type: CR 2032
- 2 buttons each per channel for On/Off, Up/Down, dimmer function

SUITABLE FOR	ORDER NO.	PAGE
replacement		
Lithium coin cell battery 3 V		page 703

i 934



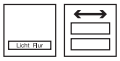
DESIGN	ORDER NO.	PU
anthracite matt	# **2769**	1

Wall-transmitters



Radio wall-transmitter 1gang flat

- Labelling field
- Horizontal operation



Operating voltage	3 V=
Battery service life [years]	≈ 3
Number of radio channels	1
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m

- not dependent on mains power
- each channel can be assigned to any number of radio receivers
- key functions: 1 channel/1 light scene/central OFF via dip switch adjustable
- with red transmit and battery status LED
- changing of light scenes via DIP switch lockable
- with lithium coin cell battery 3 V type: CR 2032
- mounting with frames on even surface, e.g. also for extension of combinations
- screw fastening via supporting plate possible
- with fitting material, screws, wall plugs and adhesive pad

SUITABLE FOR	ORDER NO.	PAGE
Glare protection foil		page 703
replacement		
Lithium coin cell battery 3 V		page 703

i 935







DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	# **2721 10 09**	1
for anthracite and aluminium [1]	# **2721 10 06**	1
Berker Q.1/Q.3		
polar white [1]	# **2721 60 89**	1
anthracite [1]	# **2721 60 86**	1
Berker K.1/K.5		
polar white glossy [2]	# **2721 70 09**	1
anthracite [2]	# **2721 70 06**	1
aluminium [2]	# **2721 70 24**	1
stainless steel [2]	# **2721 70 04**	1

[1] labelling field length (W x H): 52.3 x 52.3 mm
[2] labelling field length (W x H): 66.8 x 52.8 mm



Radio wall-transmitter 1gang flat

- Labelling field
- Vertical operation

Operating voltage	3 V=
Battery service life [years]	≈ 3
Number of radio channels	1
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m

- not dependent on mains power
- each channel can be assigned to any number of radio receivers
- key functions: 1 channel/1 light scene/central OFF via dip switch adjustable
- with red transmit and battery status LED
- changing of light scenes via DIP switch lockable
- with lithium coin cell battery 3 V type: CR 2032
- mounting with frames on even surface, e.g. also for extension of combinations
- screw fastening via supporting plate possible
- with fitting material, screws, wall plugs and adhesive pad

SUITABLE FOR	ORDER NO.	PAGE
Glare protection foil		page 703
replacement		
Lithium coin cell battery 3 V		page 703

i 935





DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
polar white matt	# **2721 19 09**	1
anthracite matt	# **2721 16 06**	1
aluminium matt, lacquered	# **2721 14 04**	1
Berker Arsys		
white glossy	# **2721 00 02**	1
polar white glossy	# **2721 00 69**	1
light bronze matt, lacquered	# **2721 90 11**	1
stainless steel matt, lacquered	# **2721 90 04**	1



Radio wall-transmitter 2gang flat

- Labelling field
- Horizontal operation

Operating voltage	3 V=
Battery service life [years]	≈ 3
Number of radio channels	2
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m

- not dependent on mains power
- each channel can be assigned to any number of radio receivers
- key functions: 2 channel/3 light scenes/central OFF via dip switch adjustable
- with red transmit and battery status LED
- changing of light scenes via DIP switch lockable
- with lithium coin cell battery 3 V type: CR 2032
- mounting with frames on even surface, e.g. also for extension of combinations
- screw fastening via supporting plate possible
- with fitting material, screws, wall plugs and adhesive pad

SUITABLE FOR	ORDER NO.	PAGE
Glare protection foil		page 703
replacement		
Lithium coin cell battery 3 V		page 703

i 935







DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	# **2722 10 09**	1
for anthracite and aluminium [1]	# **2722 10 06**	1
Berker Q.1/Q.3		
polar white [1]	# **2722 60 89**	1
anthracite [1]	# **2722 60 86**	1
Berker K.1/K.5		
polar white [2]	# **2722 70 09**	1
anthracite [2]	# **2722 70 06**	1
aluminium [2]	# **2722 70 24**	1
stainless steel [2]	# **2722 70 04**	1

[1] labelling field length (W x H): 52.3 x 24.9 mm
[2] labelling field length (W x H): 66.8 x 25 mm



Radio wall-transmitter 2gang flat

- Labelling field
- Vertical operation

Operating voltage	3 V=
Battery service life [years]	≈ 3
Number of radio channels	2
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m

- not dependent on mains power
- each channel can be assigned to any number of radio receivers
- key functions: 2 channel/3 light scenes/central OFF via dip switch adjustable
- with red transmit and battery status LED
- changing of light scenes via DIP switch lockable
- with lithium coin cell battery 3 V type: CR 2032
- mounting with frames on even surface, e.g. also for extension of combinations
- screw fastening via supporting plate possible
- with fitting material, screws, wall plugs and adhesive pad

SUITABLE FOR	ORDER NO.	PAGE
Glare protection foil		page 703
replacement		
Lithium coin cell battery 3 V		page 703

i 935





DESIGN		ORDER NO.	PU
Berker S.1/B.3/B.7			
polar white matt	#	**2722 19 09**	1
anthracite matt	#	**2722 16 06**	1
aluminium matt, lacquered	#	**2722 14 04**	1
Berker Arsys			
white glossy	#	**2722 00 02**	1
polar white glossy	#	**2722 00 69**	1
light bronze matt, lacquered	#	**2722 90 11**	1
stainless steel matt, lacquered	#	**2722 90 04**	1



Radio wall-transmitter 3gang flat

- Labelling field
- Horizontal operation

Operating voltage	3 V=
Battery service life [years]	≈ 3
Number of radio channels	3
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m

- not dependent on mains power
- each channel can be assigned to any number of radio receivers
- key functions: 3 channel/5 light scenes/central OFF via dip switch adjustable
- with red transmit and battery status LED
- changing of light scenes via DIP switch lockable
- with lithium coin cell battery 3 V type: CR 2032
- mounting with frames on even surface, e.g. also for extension of combinations
- screw fastening via supporting plate possible
- with fitting material, screws, wall plugs and adhesive pad

SUITABLE FOR	ORDER NO.	PAGE
Glare protection foil		page 703
replacement		
Lithium coin cell battery 3 V		page 703

i 935







DESIGN		ORDER NO.	PU
Berker S.1/B.3/B.7			
for white and polar white [1]	#	**2723 10 09**	1
for anthracite and aluminium [1]	#	**2723 10 06**	1
Berker Q.1/Q.3			
polar white [1]	#	**2723 60 89**	1
anthracite [1]	#	**2723 60 86**	1
Berker K.1/K.5			
polar white [2]	#	**2723 70 09**	1
anthracite [2]	#	**2723 70 06**	1
aluminium [2]	#	**2723 70 24**	1
stainless steel [2]	#	**2723 70 04**	1

[1] labelling field length (W x H): 52.3 x 15.6 mm
[2] labelling field length (W x H): 66.8 x 15.7 mm



Radio wall-transmitter 4gang flat

- Labelling field
- Vertical operation

Operating voltage	3 V=
Battery service life [years]	≈ 3
Number of radio channels	4
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m

- not dependent on mains power
- each channel can be assigned to any number of radio receivers
- key functions: 4 channel/5 light scenes/central OFF via dip switch adjustable
- with red transmit and battery status LED
- changing of light scenes via DIP switch lockable
- with lithium coin cell battery 3 V type: CR 2032
- mounting with frames on even surface, e.g. also for extension of combinations
- screw fastening via supporting plate possible
- with fitting material, screws, wall plugs and adhesive pad

SUITABLE FOR	ORDER NO.	PAGE
Glare protection foil		page 703
replacement		
Lithium coin cell battery 3 V		page 703

i 935





DESIGN		ORDER NO.	PU
Berker S.1/B.3/B.7			
polar white matt	#	**2724 19 09**	1
anthracite matt	#	**2724 16 06**	1
aluminium matt, lacquered	#	**2724 14 04**	1
Berker Arsys			
white glossy	#	**2724 00 02**	1
polar white glossy	#	**2724 00 69**	1
light bronze matt, lacquered	#	**2724 90 11**	1
stainless steel matt, lacquered	#	**2724 90 04**	1

PUSH-BUTTONS



Radio wall transmitter insert

Operating voltage	6 V=
Battery service life [years]	≈ 3
Number of radio channels	4
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Insertion depth	12 mm
Operating temperature	+0 ... +55 °C

Fits in flush-mounted and hollow wall boxes from Kaiser.

For battery-operated radio remote control of all assigned radio bus receivers.

- not dependent on mains power
- each channel can be assigned to any number of radio receivers
- key functions: 4 channel/5 light scenes/central OFF via dip switch adjustable
- transmission indicator LED and battery charge indicator in push-button
- with 2 x lithium coin cell battery 3 V type: CR 2032
- for push-button 1-/2-/3- or 4gang
- mounting as flush/surface/table-top radio transmitter with built-on installation housing, flat design possible
- without spreader claws

SUITABLE FOR	ORDER NO.	PAGE
Push-buttons		page 692
replacement		
Lithium coin cell battery 3 V		page 703

i 935



DESIGN		ORDER NO.	PU
black, matt	#	**2764**	1

Push-buttons



Push-button 1gang

- Labelling field
- Horizontal operation

Operating temperature	-5 ... +45 °C

- with anti-dismantling protection
- with 2 red transmission and battery status LEDs
- for radio wall-transmitter insert

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7516 13 80**	1
for anthracite and aluminium [1]	**7516 13 85**	1



Berker K.1/K.5		
polar white [2]	**7516 13 70**	1
anthracite [2]	**7516 13 75**	1
aluminium [2]	**7516 13 74**	1
stainless steel [2]	**7516 13 73**	1

[1] labelling field length (W x H): 52.3 x 52.3 mm
[2] labelling field length (W x H): 66.8 x 52.8 mm



Push-button 2gang

- Labelling fields
- Horizontal operation

- with anti-dismantling protection
- with 4 red transmission and battery status LEDs
- for radio wall-transmitter insert

Operating temperature -5 ... +45 °C



DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7516 23 80**	1
for anthracite and aluminium [1]	**7516 23 85**	1
Berker K.1/K.5		
polar white [2]	**7516 23 70**	1
anthracite [2]	**7516 23 75**	1
aluminium [2]	**7516 23 74**	1
stainless steel [2]	**7516 23 73**	1

[1] labelling field length (W x H): 52.3 x 24.9 mm
[2] labelling field length (W x H): 66.8 x 25 mm



Push-button 3gang

- Labelling fields
- Horizontal operation

- with anti-dismantling protection
- with 6 red transmission and battery status LEDs
- for radio wall-transmitter insert

Operating temperature -5 ... +45 °C



DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7516 33 80**	1
for anthracite and aluminium [1]	**7516 33 85**	1
Berker K.1/K.5		
polar white [2]	**7516 33 70**	1
anthracite [2]	**7516 33 75**	1
aluminium [2]	**7516 33 74**	1
stainless steel [2]	**7516 33 73**	1

[1] labelling field length (W x H): 52.3 x 15.6 mm
[2] labelling field length (W x H): 66.8 x 15.7 mm



Push-button 4gang

- Labelling fields
- Horizontal operation

- with anti-dismantling protection
- with 8 red transmission and battery status LEDs
- for radio wall-transmitter insert

Operating temperature -5 ... +45 °C

Use only in combination with frame frame with large cut-out.
Only for flush-mounted installation.

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7516 43 80**	1
for anthracite and aluminium [1]	**7516 43 85**	1



Berker K.1/K.5		
polar white [2]	**7516 43 70**	1
anthracite [2]	**7516 43 75**	1
aluminium [2]	**7516 43 74**	1
stainless steel [2]	**7516 43 73**	1

[1] labelling field length (W x H): 52.3 x 24.9 mm
[2] labelling field length (W x H): 66.8 x 25 mm



Push-button 1gang

- Labelling field
- Vertical operation

- with anti-dismantling protection
- with red transmit and battery status LED
- for radio wall-transmitter insert

Operating temperature -5 ... +45 °C

SUITABLE FOR	ORDER NO.	PAGE
Radio wall transmitter insert	2764	692
replacement		
Labelling field	7596 00 0 ..	772



DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
polar white matt	# **7516 10 89**	1
anthracite matt	# **7516 10 85**	1
aluminium matt, lacquered	# **7516 10 83**	1
Berker Arsys		
white glossy	**7516 10 42**	1
polar white glossy	**7516 10 49**	1
light bronze matt, lacquered	**7516 10 44**	1
stainless steel matt, lacquered	**7516 10 43**	1



Push-button 2gang

- Labelling field
- Vertical operation

- with anti-dismantling protection
- with 2 red transmission and battery status LEDs
- for radio wall-transmitter insert

Operating temperature -5 ... +45 °C

SUITABLE FOR	ORDER NO.	PAGE
Radio wall transmitter insert	2764	692
replacement		
Labelling field	7596 00 0 ..	772



DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
polar white matt	# **7516 20 89**	1
anthracite matt	# **7516 20 85**	1
aluminium matt, lacquered	# **7516 20 83**	1
Berker Arsys		
white glossy	**7516 20 42**	1
polar white glossy	**7516 20 49**	1
light bronze matt, lacquered	**7516 20 44**	1
stainless steel matt, lacquered	**7516 20 43**	1



Push-button 4gang

- Labelling field
- Vertical operation

- with anti-dismantling protection
- with 4 red transmission and battery status LEDs
- for radio wall-transmitter insert

Operating temperature -5 ... +45 °C

SUITABLE FOR	ORDER NO.	PAGE
Radio wall transmitter insert	2764	692
replacement		
Labelling field	7596 00 0 ..	772

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
polar white matt	# **7516 40 89**	1
anthracite matt	# **7516 40 85**	1
aluminium, matt, lacquered	# **7516 40 83**	1



Berker Arsys		
white glossy	**7516 40 42**	1
polar white glossy	**7516 40 49**	1
light bronze matt, lacquered	**7516 40 44**	1
stainless steel matt, lacquered	**7516 40 43**	1



Push-button 1gang

Operating temperature -5 ... +45 °C

- with anti-dismantling protection
- for radio wall-transmitter insert

SUITABLE FOR	ORDER NO.	PAGE
Radio wall transmitter insert	2764	692



DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
polar white matt	# **7516 11 89**	1
anthracite matt	# **7516 11 85**	1
aluminium matt, lacquered	# **7516 11 83**	1
Berker Arsys		
white glossy	**7516 11 42**	1
polar white glossy	**7516 11 49**	1
light bronze matt, lacquered	**7516 11 44**	1
stainless steel matt, lacquered	**7516 11 43**	1



Push-button 2gang

Operating temperature -5 ... +45 °C

- with anti-dismantling protection
- for radio wall-transmitter insert

SUITABLE FOR	ORDER NO.	PAGE
Radio wall transmitter insert	2764	692



DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
polar white matt	# **7516 21 89**	1
anthracite matt	# **7516 21 85**	1
aluminium, matt, lacquered	# **7516 21 83**	1
Berker Arsys		
white glossy	**7516 21 42**	1
polar white glossy	**7516 21 49**	1
light bronze matt, lacquered	**7516 21 44**	1
stainless steel matt, lacquered	**7516 21 43**	1



Push-button 4gang

Operating temperature -5 ... +45 °C

- with anti-dismantling protection
- for radio wall-transmitter insert

SUITABLE FOR	ORDER NO.	PAGE
Radio wall transmitter insert	2764	692



DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
polar white matt	# **7516 41 89**	1
anthracite matt	# **7516 41 85**	1
aluminium, matt, lacquered	# **7516 41 83**	1
Berker Arsys		
white glossy	**7516 41 42**	1
polar white glossy	**7516 41 49**	1
light bronze matt, lacquered	**7516 41 44**	1
stainless steel matt, lacquered	**7516 41 43**	1

Surface-mounted housing for radio wall-transmitter insert



Surface-mounted housing flat

Height 16 mm

- for radio wall-transmitter insert for surface mounting and as table-top radio transmitter
- with double-sided adhesive pads, e.g. for mounting on panes of glass

DESIGN		ORDER NO.	PU
Berker S.1			
polar white matt	#	**1007 99 09**	1
Berker B.3			
polar white matt	#	**1007 19 09**	1
anthracite matt	#	**1007 16 06**	1
aluminium matt, lacquered	#	**1007 14 04**	1





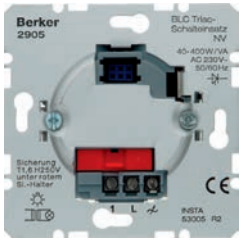
DESIGN		ORDER NO.	PU
Berker Arsys			
white	#	**1002 00 02**	1
polar white	#	**1002 00 69**	1



DESIGN		ORDER NO.	PU
Berker Arsys			
light bronze matt, lacquered	#	**1002 90 11**	1
stainless steel, lacquered	#	**1002 90 04**	1

BLC - BERKER LIGHT CONTROL

BLC Inserts



BLC triac insert (R, L)

Operating voltage	230 V~
230 V incandescent lamps and halogen lamps	40 ... 400 W
Dimmable conventional transformers	40 ... 400 VA
Fine-wire fuse	T 1.6 H 250 V
Operating temperature	-20 ... +45 °C
Frequency	50/60 Hz

Light scene function (On/Off) in conjunction with BLC radio button.

Possible to change fuse without removing cover.

- insert suitable for BLC buttons
- when cover is detached, the switch status is retained (wallpaper function)
- phase cut-on
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
BLC radio push-button	1760 ..	700

i 889



DESIGN		ORDER NO.	PU
BLC triac insert (R, L)	#	**2905**	1



BLC tronic insert (R, C)

Operating voltage	230 V~
230 V incandescent lamps and halogen lamps	50 ... 420 W
Electronic transformers	50 ... 420 W
Operating temperature	-20 ... +45 °C
Frequency	50/60 Hz

Light scene function (On/Off) in conjunction with BLC radio button.

- insert suitable for BLC buttons
- when cover is detached, the switch status is retained (wallpaper function)
- phase cut-off
- short-circuit and overload proof (electronic fuse)
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
BLC radio push-button	1760 ..	700

i 889



DESIGN		ORDER NO.	PU
BLC tronic insert (R, C)	#	**2916**	1



BLC relay insert

Operating voltage	230 V~
Breaking capacity	2300 W
230 V incandescent lamps and halogen lamps	2300 W
Conventional transformers	1000 VA
Electronic transformers	1500 W
Fluorescent lamps:	
- in Duo circuit	2300 VA
- uncompensated	1200 VA
- parallel compensated	920 VA
Insertion depth	22 mm
Operating temperature	-20 ... +45 °C
Frequency	50/60 Hz

- insert suitable for BLC buttons
- when cover is detached, the switch status is retained (wallpaper function)
- also usable as push-button relay switch
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
BLC radio push-button	1760 ..	700
optional		
Making current limiter	185	71

i 889

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Light scene function (On/Off) in conjunction with BLC radio button.

Neutral conductor necessary!

DESIGN	ORDER NO.	PU
BLC relay insert	# **2906**	1



BLC relay insert
- Potential-free contact

Operating voltage	230 V~
Minimum load (at 12 V)	100 mA
230 V incandescent lamps	800 W
230 V halogen lamps	750 W
Operating temperature	+5 ... +35 °C
Frequency	50/60 Hz

- insert suitable for BLC buttons
- when cover is detached, the switch status is retained (wallpaper function)
- potential-free contact for function extra-low voltage FELV (only change-over voltage) suitable
- also usable as push-button relay switch
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
BLC radio push-button	1760 ..	700
optional		
Making current limiter	185	71

i 889

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Light scene function (On/Off) in conjunction with BLC radio button.

Neutral conductor necessary!

DESIGN	ORDER NO.	PU
BLC relay insert	# **2906 10**	1



BLC relay insert HVAC

Operating voltage	230 V~
Motor switching current (HLK channel)	2.1 A
Breaking capacity	1000 W
Switching capacity, HLK channel	max. 800 W
230 V incandescent lamps and halogen lamps	1000 W
230 V incandescent lamps (HVAC-channel)	800 W
230 V halogen lamps (HVAC-channel)	750 W
Conventional transformers	750 VA
Electronic transformers	750 W
Fluorescent lamps:	
- in Duo circuit	1000 VA
- uncompensated	500 VA
Switch on delay HVAC-channel	0/3 min
HVAC-channel adjustable	≈ 2/10/30/60/120 min
Operating temperature	+5 ... +35 °C
Frequency	50/60 Hz

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Light scene function (On/Off) in conjunction with BLC radio button.

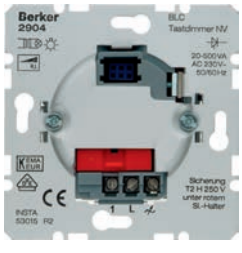
Neutral conductor necessary!

- insert suitable for BLC buttons
- when cover is detached, the switch status is retained (wallpaper function)
- switch on delay for HVAC channel can be activated/deactivated permanently with BLC button
- potential-free HVAC contact suitable for function extra-low voltage FELV (only alternating voltage)
- with delay time HVAC relay contact for e.g. valve drive, thermostat, fan ...
- also usable as push-button relay switch
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
BLC radio push-button	1760 ..	700
optional		
Making current limiter	185	71

i 889

DESIGN		ORDER NO.	PU
BLC relay insert HVAC	#	**2912**	1



BLC touch dimmer (R, L)

Operating voltage	230 V~
230 V incandescent lamps and halogen lamps	20 ... 500 W
Dimmable conventional transformers	20 ... 500 VA
Number of built-in power boosters (R, L)	max. 10
Operating temperature	-20 ... +45 °C
Frequency	50/60 Hz

Light scene function (On/Off, dimming value) in conjunction with BLC radio button.

Possible to change fuse without removing cover.

- insert suitable for BLC buttons
- when cover is detached, the switch status is retained (wallpaper function)
- phase cut-on
- switch-on brightness memory function
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
BLC radio push-button	1760 ..	700
optional		
Power booster built-in (R, L)	2869	59

i 889

DESIGN		ORDER NO.	PU
BLC touch dimmer (R, L)	#	**2904**	1



BLC universal touch dimmer (R, L, C)

Operating voltage	230 V~
230 V incandescent lamps and halogen lamps	50 ... 420 W
Dimmable conventional transformers	50 ... 420 VA
Electronic transformers	50 ... 420 W
Insertion depth	22 mm
Number of built-in Tronics or power boosters (R, L) - with identical load type	max. 10
Number of universal power boosters, 420 W at phase control	max. 5
Number of universal power boosters, 500 W for phase cut-off	max. 10
Operating temperature	-20 ... +45 °C
Frequency	50/60 Hz

Light scene function (On/Off, dimming value) in conjunction with BLC radio button.

Do not connect conventional transformers together with electronic transformers.

- insert suitable for BLC buttons
- when cover is detached, the switch status is retained (wallpaper function)
- phase cut-on or cut-off according to load type, self-learning
- switch-on brightness level can be stored safe after power failure
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- short-circuit and overload proof (electronic fuse)
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
BLC radio push-button	1760 ..	700
optional		
Mains decoupler RMD	187 00	71
Mains decoupler comfort RMD	1 8799 01	70
Power booster built-in (R, L)	2869	59
Tronic power booster built-in (R, C)	2868	59
Universal power booster Plus RMD	1 6599 01	58

i 889

DESIGN	ORDER NO.	PU
BLC universal touch dimmer (R, L, C)	# **2902**	1



BLC 1 - 10 V push-button control unit

Operating voltage	230 V~
Switching current	3.04 A
Control current	50 mA
Operating temperature	+5 ... +35 °C
Frequency	50/60 Hz

Light scene function (On/Off, dimming value) in conjunction with BLC radio button.

In case of excessive switch-on currents use switch-on current limiters order no. 185.

To ensure same illumination, use only electronic ballasts and fluorescent lamps from the same manufacturers.

Neutral conductor necessary!
According to DIN EN 61347-2-3

- insert suitable for BLC buttons
- when cover is detached, the switch status is retained (wallpaper function)
- basic brightness programmable
- switch-on brightness level can be stored safe after power failure
- e.g. for fluorescent lamps and LV halogen lamps
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- for switching and controlling electronic ballasts and 1 - 10 V Tronic transformers, 105 W
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
BLC radio push-button	1760 ..	700
optional		
Making current limiter	185	71

i 889

DESIGN	ORDER NO.	PU
BLC 1 - 10 V push-button control unit	# **2903**	1

BLC radio buttons



BLC radio push-button

Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	30

Extension unit operation with BLC extension unit and push-button (NO) possible as of release R2.1.

For actuation via button and radio transmitter.

- with 2-push-buttons operation concept
- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- reset function (to factory setting)
- switch-on brightness for BLC dimmer insert mains-failure protection storable
- light scenes only polled using radio transmitter
- with 5 light scenes for "on/off", dimming value

i 889



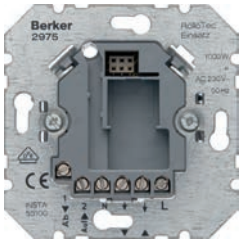




DESIGN		ORDER NO.	PU
Berker S.1/B.3/B.7			
white glossy	#	**1760 89 82**	1
polar white glossy	#	**1760 89 89**	1
polar white matt	#	**1760 19 09**	1
anthracite matt	#	**1760 16 06**	1
aluminium matt, lacquered	#	**1760 14 04**	1
Berker Q.1/Q.3			
polar white velvety	#	**1760 60 89**	1
anthracite velvety, lacquered	#	**1760 60 86**	1
Berker K.1/K.5			
polar white glossy	#	**1760 70 09**	1
anthracite matt, lacquered	#	**1760 70 06**	1
Aluminium, aluminium anodised	#	**1760 70 03**	1
Stainless steel, metal matt finish	#	**1760 70 04**	1
Berker Arsys			
white glossy		**1760 00 02**	1
polar white glossy		**1760 00 69**	1
brown glossy		**1760 00 01**	1
Stainless steel, metal matt finish		**1760 00 04**	1

ROLLOTEC SYSTEM

RolloTec inserts



RolloTec insert comfort

- Extension inputs



Operating voltage	230 V~
Switching capacity for max. 1 motor	1000 W
Frequency	50/60 Hz

Recommendation: use deep box.

Neutral conductor necessary!

Light scene function (up/down) in conjunction with RolloTec radio button.

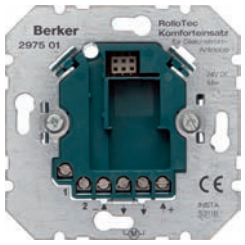
- for single, group and master controls
- suitable for multi-phase mode
- with 230 V extension unit inputs for up, down and sensors
- with 2 mechanically interlocked NO contacts
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
RolloTec radio button	1758 ..	702
RolloTec radio button for sensors	1759 ..	703
optional		
RolloTec precipitation sensor	183 01	124
RolloTec interface surface-mounted for wind sensor	173	126

i 912



DESIGN		ORDER NO.	PU
RolloTec insert comfort	#	**2975**	1



M

RolloTec insert comfort for direct current drives

Operating voltage	24 V=
Switching current at 24 V=	max. 3 A
Current consumption (operation)	≈ 100 mA
Current consumption (idle)	≈ 30 mA

Recommendation: use deep box.
Follow the motor manufacturers' instructions.
External power supply 24 V= with protective separation required.

Recommendation of power supply units:
Elka, type: SV230-24.1250 DC, item no. 140 01 915 or
Elka, type: SV230-24.2500 DC, item no. 140 01 916
Phoenix, type: STEP-PS-100-240AC/24DC/1.5 item no.: 2938947

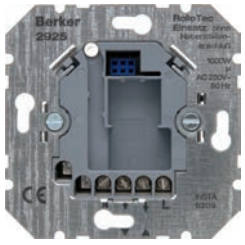
Light scene function (up/down) in conjunction with RolloTec radio button.

- for 24 V reverse polarity motors with limit switches
- for single, group and master controls
- with 24 V reverse polarity extension unit inputs for up and down
- with 2 reverse polarity change-over relays
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
RolloTec radio button	1758 ..	702
RolloTec radio button for sensors	1759 ..	703

i 912

DESIGN		ORDER NO.	PU
RolloTec insert comfort for direct current drives	#	**2975 01**	1



M

RolloTec insert

Operating voltage	230 V~
Switching capacity for max. 1 motor	1000 W
Frequency	50/60 Hz

Recommendation: use deep box.
Neutral conductor necessary!

Not suitable for wind and precipitation sensor.
Light scene function (up/down) in conjunction with RolloTec radio button.

- for single and master controls
- without 230 V extension unit inputs
- with 2 mechanically interlocked NO contacts
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
RolloTec radio button	1758 ..	702
RolloTec radio button for sensors	1759 ..	703

i 912

DESIGN		ORDER NO.	PU
RolloTec insert	#	**2925**	1



M

RolloTec insert without neutral conductor connection

Operating voltage	230 V~
Switching capacity for max. 1 motor	1000 W
Frequency	50 Hz

On motors with limit switches, perform a brief inspection of the motor, as described in the Technical Appendix.
Recommendation: use deep box.
Not suitable for wind and precipitation sensor.
Light scene function (up/down) in conjunction with RolloTec radio button.

- for single control on motor with limit switches!
- without 230 V extension unit inputs
- with 2 mechanically interlocked NO contacts
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
RolloTec radio button	1758 ..	702
RolloTec radio button for sensors	1759 ..	703

i 912

DESIGN		ORDER NO.	PU
RolloTec insert without neutral conductor connection	#	**2911**	1

RolloTec radio buttons



RolloTec radio button

Number of teachable radio transmitters 30
Radio reception frequency 433.42 MHz

- light scenes only polled using radio transmitter
- with 5 light scenes for "open/close"

For actuation via button and radio transmitter.

i 912



DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	# **1758 89 82**	1
polar white glossy	# **1758 89 89**	1
polar white matt	# **1758 19 09**	1
anthracite matt	# **1758 16 06**	1
aluminium matt, lacquered	# **1758 14 04**	1
Berker Q.1/Q.3		
polar white velvety	# **1758 60 89**	1
anthracite velvety, lacquered	# **1758 60 86**	1



Berker K.1/K.5		
polar white glossy	# **1758 70 09**	1
anthracite matt, lacquered	# **1758 70 06**	1
Aluminium, aluminium anodised	# **1758 70 03**	1
Stainless steel, metal matt finish	# **1758 70 04**	1
Berker Arsys		
white glossy	**1758 00 12**	1
polar white glossy	**1758 00 79**	1
brown glossy	**1758 00 11**	1
light bronze matt, aluminium lacquered	**1758 90 21**	1
Stainless steel, metal matt finish	**1758 90 14**	1
gold matt, aluminium anodised	**1758 90 12**	1



RolloTec radio button for sensors

Number of teachable radio transmitters 30
Radio reception frequency 433.42 MHz
Sun brightness value ≈ 5 ... 80 klx

For actuation via button and radio transmitter.

- no twilight sensor function
- brightness value for sunblind individually adjustable
- light scenes only polled using radio transmitter
- with 5 light scenes for "open/close"
- RolloTec glass-break sensor can be connected
- RolloTec brightness sensor for sun blind movement up/down can be connected
- for sensor connection to socket contact or terminal block

SUITABLE FOR	ORDER NO.	PAGE
Magnetic contact	9251 0 ..	126
optional		
RolloTec brightness sensor		page 125
RolloTec brightness sensor surface-mounted		page 125
RolloTec glass breakage sensor		page 125
RolloTec adapter for sensors		page 125
RolloTec adapter for sensors	171	125
RolloTec glass breakage sensor	170	125
RolloTec brightness sensor	169	125
RolloTec brightness sensor surface-mounted	184	125

i 912



DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy [1)]	# **1759 89 82**	1
polar white glossy [1)]	# **1759 89 89**	1
polar white matt [1)]	# **1759 19 09**	1
anthracite matt [1)]	# **1759 16 06**	1
aluminium matt, lacquered [1)]	# **1759 14 04**	1

Berker Q.1/Q.3		
polar white velvety [2]	# **1759 60 89**	1
anthracite velvety, lacquered [2]	# **1759 60 86**	1



Berker K.1/K.5		
polar white glossy [2]	# **1759 70 09**	1
anthracite matt, lacquered [2]	# **1759 70 06**	1
Aluminium, aluminium anodised [2]	# **1759 70 03**	1
Stainless steel, metal matt finish [2]	# **1759 70 04**	1



Berker Arsys		
white glossy [2]	**1759 00 12**	1
polar white glossy [2]	**1759 00 79**	1
brown glossy [2]	**1759 00 11**	1
light bronze matt, aluminium lacquered [2]	**1759 90 21**	1
Stainless steel, metal matt finish [2]	**1759 90 14**	1
gold matt, aluminium anodised [2]	**1759 90 12**	1

[1] with socket contact and terminal block
[2] only with terminal block

SUPPLEMENTARY PRODUCTS



Glare protection foil

The adhesive film attaches to the frame and, when installed on glass or any other transparent base, it provides a closed backing surface.
To attain an even adhesive surface, we recommend flattening the adhesive film for application 24 hours before installing the wall-transmitter / controller.

- as sight shielding on backside (e.g. when mounting on glass)

SUITABLE FOR	ORDER NO.	PAGE
Wall-transmitters		page 689
Radio controller flat		page 704

DESIGN	ORDER NO.	PU
Berker S.1		
polar white	**9498 02 02**	1
Berker B.3		
black	**9498 27 30**	1



Berker B.7		
polar white matt	**9498 28 02**	1





Berker K.1/K.5		
polar white glossy	**9498 33 02**	1
black	**9498 33 30**	1



Berker Q.1, Arsys		
polar white	**9498 11 02**	1
black	**9498 11 30**	1





Lithium coin cell battery 3 V

Output voltage	3 V=
Charging capacity	0.18 Ah

- type: CR 2032
- 2 pcs. for replacement

SUITABLE FOR	ORDER NO.	PAGE
Wall-transmitters		page 689
Radio wall transmitter insert	2764	692
Radio hand-held transmitter mini	2769	689
Radio button interface 4gang flush-mounted	126	548

DESIGN	ORDER NO.	PU
Lithium coin cell battery 3 V	**1857**	10

RADIO CONTROLLERS





Radio controller flat

Operating voltage	3 V=
Battery service life [years]	≈ 3
Number of radio channels	1
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 60 m
Nominal mounting height	1.1 m
Range, frontal	≈ 10 m
Range, side	each ≈ 6 m
Detection field, semi-oval shaped	≈ 10 x 12 m
Detection angle	180 °
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 0 ... 80 lx
Operating temperature	+5 ... +45 °C
Dimensions assembling height	23.5 mm

- not dependent on mains power
- the channel can be assigned to any number of radio receivers
- with red transmit and battery status LED
- with a lithium coin cell battery 3 V type: CR 2450
- mounting with frames on even surface, e.g. also for extension of combinations
- screw fastening via supporting plate possible
- with fitting material, screws, wall plugs and adhesive pad
- with cover to limit detection angle to 90°

SUITABLE FOR	ORDER NO.	PAGE
Glare protection foil		page 703

i 932

Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the motion detector. Only suitable for indoor areas!

If response brightness or movement of people is insufficient, it sends a radio signal to the surface-mounted radio controller power pack unit or other radio bus receivers.









DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	# **9420 89 82**	1
polar white glossy	# **9420 89 89**	1
polar white matt	# **9420 19 09**	1
anthracite matt	# **9420 16 06**	1
aluminium matt	# **9420 14 04**	1
Berker Q.1/Q.3		
polar white velvety	# **9420 60 89**	1
anthracite velvety, lacquered	# **9420 60 86**	1
Berker K.1/K.5		
polar white glossy	# **9420 70 09**	1
anthracite matt, lacquered	# **9420 70 06**	1
aluminium matt, lacquered	# **9420 70 03**	1
stainless steel matt, lacquered	# **9420 70 04**	1
Berker Arsys		
white glossy	# **9420 00 02**	1
polar white glossy	# **9420 00 69**	1
light bronze matt, lacquered	# **9420 90 11**	1
stainless steel matt, lacquered	# **9420 90 04**	1



Radio controller surface-mounted

Operating voltage	9 V=
Alkaline battery service life [years]	≈ 3
Number of radio channels	1
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Range	≈ 16 m
Recommended installation height	≈ 2.4 m
Detection field, semi-circular shaped	≈ 16 x 32 m
Detection angle	180 °
Response sensitivity, settable	≈ 20 ... 100 %
Sensor response brightness	< 80 lx
Sensor retrigger	< 200 lx
Operating temperature	-25 ... +55 °C
Dimensions (W x H x D)	80 x 75 x 115 mm

The required alkaline 9 V block battery (6LR61) is not in scope of delivery.

If response brightness or movement of people is insufficient, it sends a radio signal to the surface-mounted radio controller power pack unit or other radio bus receivers.

- not dependent on mains power
- each channel can be assigned to any number of radio receivers
- with LED detection and battery charge indicator
- for wall mounting
- rotating and vertically slewing
- with fitting material
- with push-on cover to limit the detection field

SUITABLE FOR	ORDER NO.	PAGE
Lithium block battery 9 V	9219	716
optional		
Ceiling mounting angle for controller	148 ..	105
Ceiling mounting angle 2gang for controller	158 ..	105
Corner mounting piece for controllers/sensors	149 09 ..	105
Mast fixing for controllers/sensors	154 ..	105

i 932

DESIGN	ORDER NO.	PU
polar white glossy	# **1 7401 09**	1

Accessories



Operating voltage	230 V~
Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	30
Delay time, adjustable	≈ 10 s ... 15 min
230 V incandescent lamps and halogen lamps	2300 W
Conventional transformers	1000 VA
Electronic transformers	1500 W
Fluorescent lamps:	
- in Duo circuit	2300 VA
- uncompensated	1200 VA
- parallel compensated	920 VA
response brightness	≈ 3 ... 80 lx
Operating temperature	-25 ... +55 °C
Dimensions (W x H x D)	110 x 94 x 38 mm
Frequency	50/60 Hz

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Neutral conductor necessary!

Switches on when a taught-in radio telegram, such as from radio controller system sensors, is received with the minimum response brightness level infringed and people detected.

- with LED detection and mode indicator
- with 3 operating modes: controller operation/2 h on/2 h off
- operating mode change by push-button (NC contact) in lead or wall-mounted or radio hand-held transmitter
- with 2 cable entries at bottom
- with fitting material
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Making current limiter	185	71

i 932

DESIGN	ORDER NO.	PU
polar white, glossy	# **175 09**	1

PRESENCE DETECTORS



Radio presence detector surface-mounted

Operating voltage	6 V=
Battery service life [years]	≈ 3
Number of radio channels	1
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Recommended ceiling height	≈ 2.5 m
Detection field Ø, on floor	≈ 8 m
Detection field Ø, at desk height	≈ 5 m
Detection angle	360 °
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 10 ... 2000 lx
Delay time, adjustable	≈ 2 min ... 1 h
Operating temperature	+0 ... +45 °C
Dimensions (Ø x assembling height)	103 x 42 mm

- not dependent on mains power
- energy saving by presence and brightness-controlled lighting control
- for the activation of max. 1 radio receiver
- constant light control only possible in conjunction with dim actuators or control units
- with fitting material
- with covers to limit the detection field

i 932

The required batteries 4 x Micro, alkaline (LR 03) are not in scope of delivery.

Only suitable for actuators with imprint release issue "R2".

DESIGN	ORDER NO.	PU
polar white matt	# **1 8299 09**	1

PHYSICAL SENSORS



Radio magnetic contact

Operating voltage	9 V=
Alkaline battery service life [years]	≈ 3
Number of radio channels	1
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Operating temperature	-5 ... +45 °C
Dimensions (L x W x H)	132 x 36 x 35 mm

- not dependent on mains power
- the channel can be assigned to any number of radio receivers
- for screw or adhesive fixing
- with fitting material
- with shim to compensate for differences in level

SUITABLE FOR	ORDER NO.	PAGE
Lithium block battery 9 V	9219	716

The required alkaline 9 V block battery (6LR61) is not in scope of delivery.

When the NO contact is open, sends a radio signal to a taught-in radio bus receiver.

Window controller according to German Combustion Ordinance (FeuV) §4

DESIGN	ORDER NO.	PU
polar white matt	# **9430 01 00**	1

FLUSH-MOUNTED TRANSMITTERS



Radio transmitter 2gang flush-mounted

Operating voltage	230 V~
Number of radio channels	2
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Line length	≈ 210 mm
Operating temperature	-20 ... +55 °C
Dimensions (Ø x H)	52 x 23 mm
Frequency	50/60 Hz

- each channel can be assigned to any number of radio receivers
- depending on setting with the function as switch, push-button, dimmer or shutter transmitter
- 1 or 2-push-button operation concept selectable
- activation through e.g. series switch, series push-button, timer, RolloTec insert
- for installation behind flush-mounted inserts
- pre-assembled, with cables

i 932

Neutral conductor necessary!

The flush-mounted radio transmitter permits an existing installation to be upgraded by radio frequency transmission of control commands.

DESIGN	ORDER NO.	PU
grey matt	# **124 10**	1

Push-button interfaces



Radio button interface 4gang flush-mounted

Operating voltage	3 V=
Battery service life [years]	≈ 3
Contact cleaner power pulse current	3 mA
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Line length	≈ 290 mm
Cable length extendable to	max. 5 m
Operating temperature	-20 ... +55 °C
Dimensions (Ø x H)	38 x 10 mm

For battery-operated radio remote control of all assigned radio bus receivers.

- not dependent on mains power
- each channel can be assigned to any number of radio receivers
- function setting by 5 DIP-switches
- functions: 1- and 2-push-button operation for switching and dimming, shutter control, light scenes,
- with red transmit and battery status LED
- with lithium coin cell battery 3 V type: CR 2032
- with contact cleaner power pulse current for activation
- for installation behind flush-mounted inserts
- pre-assembled, with 4 cable pairs and plug
- to connect to max. 4 potential-free contacts

SUITABLE FOR	ORDER NO.	PAGE
replacement		
Lithium coin cell battery 3 V	1857	551

DESIGN	ORDER NO.	PU
grey matt	# **126**	1

SWITCH ACTUATORS, FLUSH-MOUNTED/BUILT-IN



Radio switch actuator flush-mounted

Operating voltage	230 V~
230 V incandescent lamps and halogen lamps	1000 W
Conventional transformers	750 VA
Electronic transformers	750 W
Fluorescent lamps:	
- in Duo circuit	1000 VA
- uncompensated	500 VA
- parallel compensated	400 VA
Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	14
Operating temperature	-20 ... +55 °C
Line length	≈ 210 mm
Centre hole Ø	7.5 mm
Dimensions (Ø x H)	52 x 23 mm
Frequency	50/60 Hz

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Neutral conductor necessary!

For remote-controlled switching of electrical loads.

- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- light scenes only polled using radio transmitter
- with 5 light scenes for "on/off"
- with programming button and red programming LED
- potential-free contact for function extra-low voltage FELV (only change-over voltage) suitable
- installation in flush-mounted or splash-protected junction box
- pre-assembled, with cables

SUITABLE FOR	ORDER NO.	PAGE
optional		
Making current limiter	185	71

i 932

DESIGN	ORDER NO.	PU
grey matt	# **179**	1



Radio switch actuator 2gang flush-mounted

Operating voltage	230 V~
230 V incandescent lamps	350 W
230 V halogen lamps	300 W
Max. switching capacity per channel for	230 V~
Conventional transformers	350 VA
Electronic transformers	300 W
Fluorescent lamps:	
- uncompensated	350 VA
Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	per channel 7
Operating temperature	-20 ... +55 °C
Line length	≈ 210 mm
Centre hole Ø	7.5 mm
Dimensions (Ø x H)	52 x 23 mm
Frequency	50/60 Hz

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.
Neutral conductor necessary!
For remote-controlled switching of electrical loads.

- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- light scenes only polled using radio transmitter
- with 5 light scenes for "on/off" per channel
- with programming button and two-colour programming LED
- installation in flush-mounted or splash-protected junction box
- pre-assembled, with cables

SUITABLE FOR	ORDER NO.	PAGE
optional		
Making current limiter	185	71

i 932

DESIGN		ORDER NO.	PU
grey matt	#	**129**	1



Radio switch actuator built-in

Operating voltage	230 V~
230 V incandescent lamps and halogen lamps	2300 W
Conventional transformers	1000 VA
Electronic transformers	1500 W
Fluorescent lamps:	
- in Duo circuit	2300 VA
- uncompensated	1200 VA
- parallel compensated	920 VA
Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	30
Operating temperature	-20 ... +55 °C
Conductor cross-section (rigid)	max. 2.5 mm²
Dimensions (L x W x H)	175 x 42 x 18 mm
Frequency	50/60 Hz

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.
Neutral conductor necessary!
For remote-controlled switching of electrical loads.

- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- light scenes only polled using radio transmitter
- with 5 light scenes for "on/off"
- programming mode can be activated on device or via extension unit
- with programming button and red programming LED
- with extension unit input for BLC extension unit and push-button (NO contact), single-surface operating concept
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Making current limiter	185	71

i 932

DESIGN		ORDER NO.	PU
polar white matt	#	**125**	1



Radio switch actuator for SCHUKO plugs

Operating voltage	230 V~
230 V incandescent lamps and halogen lamps	1000 W
Conventional transformers	750 VA
Electronic transformers	750 W
Fluorescent lamps:	
- in Duo circuit	1000 W
- uncompensated	500 VA
- parallel compensated	400 W
Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	30
Assembling height	34.5 mm
Fine-wire fuse	T 6.3 H 250 V
Operating temperature	-20 ... +55 °C
Dimensions (W x H x D)	70 x 136 x 72 mm
Frequency	50/60 Hz

- with manual operation on/off
- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- with red monitoring/programming LED
- light scenes only polled using radio transmitter
- with 5 light scenes for "on/off"
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

For remote-controlled switching of electrical loads.

SUITABLE FOR	ORDER NO.	PAGE
optional		
Making current limiter	185	71

i 932



DESIGN	ORDER NO.	PU
polar white matt	# **1 7899 09**	1

PUSH-BUTTON ACTUATORS; FLUSH-MOUNTED



Radio push-button actuator flush-mounted

Operating voltage	230 V~
230 V incandescent lamps and halogen lamps	1000 W
Conventional transformers	750 VA
Electronic transformers	750 W
Fluorescent lamps:	
- in Duo circuit	1000 W
- uncompensated	500 VA
- parallel compensated	400 W
Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	14
Scan length according to transmitter	max. max. 4 ... 12 s
Operating temperature	-20 ... +55 °C
Line length	≈ 210 mm
Centre hole Ø	7.5 mm
Dimensions (Ø x H)	52 x 23 mm
Frequency	50/60 Hz

- with programming button and red programming LED
- potential-free HVAC contact suitable for function extra-low voltage FELV (only alternating voltage)
- installation in flush-mounted or splash-protected junction box
- pre-assembled, with cables

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Neutral conductor necessary!

For remote-controlled button operation of electrical loads.

SUITABLE FOR	ORDER NO.	PAGE
optional		
Making current limiter	185	71

DESIGN	ORDER NO.	PU
grey	# **179 50**	1

DIM ACTUATORS; FLUSH-MOUNTED/BUILT-IN



Radio universal dim actuator flush-mounted

Operating voltage	230 V~
Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	30
230 V incandescent lamps and halogen lamps	50 ... 210 W
Dimmable conventional transformers	50 ... 210 VA
Electronic transformers	50 ... 210 W
Number of built-in Tronics or power boosters (R, L) - with identical load type	max. 10
Line length	≈ 210 mm
Operating temperature	+0 ... +55 °C
Dimensions (Ø x H)	53 x 28 mm
Frequency	50/60 Hz

Not suitable for universal power booster RMD Plus.

Do not connect conventional transformers together with electronic transformers.

For remote controlled switching and dimming of lighting.

- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- phase cut-on or cut-off according to load type, self-learning
- switch-on brightness level can be stored safe after power failure
- light scenes only polled using radio transmitter
- with 5 light scenes for "on/off", dimming value
- with programming button and red programming LED
- installation in flush-mounted or splash-protected junction box
- short-circuit and overload proof (electronic fuse)
- pre-assembled, with cables

SUITABLE FOR	ORDER NO.	PAGE
optional		
Power booster built-in (R, L)	2869	59
Tronic power booster built-in (R, C)	2868	59

i 932

DESIGN		ORDER NO.	PU
grey, matt	#	**9455 02 00**	1



Radio universal dim actuator built-in

Operating voltage	230 V~
Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	30
230 V incandescent lamps and halogen lamps	50 ... 315 W
Dimmable conventional transformers	50 ... 315 VA
Electronic transformers	50 ... 315 W
Number of built-in Tronics or power boosters (R, L) - with identical load type	max. 10
Number of universal power boosters, 300 W at phase control	max. 5
Number of universal power boosters, 500 W for phase cut-off	max. 10
Operating temperature	+0 ... +55 °C
Dimensions (L x W x H)	187 x 28 x 28 mm
Frequency	50/60 Hz

Do not connect conventional transformers together with electronic transformers.

For remote controlled switching and dimming of lighting.

- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- phase cut-on or cut-off according to load type, self-learning
- switch-on brightness level can be stored safe after power failure
- light scenes only polled using radio transmitter
- with 5 light scenes for "on/off", dimming value
- with programming button and red programming LED
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- short-circuit and overload proof (electronic fuse)
- with extension unit input for BLC extension unit 2-area and push-but.(NO) 1-push-but.operation conc.
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Universal power booster Plus RMD	1 6599 01	58
Tronic power booster built-in (R, C)	2868	59
Power booster built-in (R, L)	2869	59

i 932

DESIGN		ORDER NO.	PU
polar white matt	#	**181**	1



Radio universal corded dim actuator

Operating voltage	230 V~
Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	30
230 V incandescent lamps and halogen lamps	50 ... 315 W
Dimmable conventional transformers	50 ... 315 VA
Electronic transformers	50 ... 315 W
Number of built-in Tronics or power boosters (R, L) - with identical load type	max. 10
Conductor cross-section (rigid)	max. 2.5 mm²
Operating temperature	+0 ... +55 °C
Dimensions (L x W x H)	126 x 60 x 28 mm
Frequency	50/60 Hz

Do not connect conventional transformers together with electronic transformers.

Neutral conductor necessary!

For remote controlled switching and dimming of lighting.

- with manual operation on/off
- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- phase cut-on or cut-off according to load type, self-learning
- switch-on brightness level can be stored safe after power failure
- light scenes only polled using radio transmitter
- with 5 light scenes for "on/off", dimming value
- with programming button and red programming LED
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- short-circuit and overload proof (electronic fuse)
- with extension unit input for BLC extension unit 2-area and push-but.(NO) 1-push-but.operation conc.
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Universal power booster Plus RMD	1 6599 01	58
Power booster built-in (R, L)	2869	59
Tronic power booster built-in (R, C)	2868	59

i 932

DESIGN	ORDER NO.	PU
black glossy	# **128**	1



Radio universal dim actuator for plugs

Operating voltage	230/240 V~
Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	30
230 V incandescent lamps and halogen lamps	50 ... 420 W
Dimmable conventional transformers	50 ... 420 VA
Electronic transformers	50 ... 420 W
Assembling height	34.5 mm
Fine-wire fuse	T 6.3 H 250 V
Operating temperature	+5 ... +35 °C
Dimensions (W x H x D)	70 x 136 x 72 mm
Frequency	50/60 Hz

Do not connect conventional transformers together with electronic transformers.

For remote controlled switching and dimming of lighting.

- with manual operation on(initial brightness)/off
- with manual operation on/off
- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- phase cut-on or cut-off according to load type, self-learning
- switch-on brightness level can be stored safe after power failure
- with red receive/programming LED
- light scenes only polled using radio transmitter
- with 5 light scenes for "on/off"
- with 5 light scenes for "on/off", dimming value
- short-circuit and overload proof (fine-wire fuse)

i 932

DESIGN	ORDER NO.	PU
polar white matt	# **1 7810 09**	1

1 - 10 V control units



Radio 1 - 10 V control unit built-in

Operating voltage	230 V~
Switching current	8 A
Control current	15 mA
Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	30
Operating temperature	+0 ... +55 °C
Dimensions (L x W x H)	187 x 28 x 28 mm
Frequency	50/60 Hz

With excessive switch-on currents, use switching current limiters order no. 185.

To ensure same illumination, use only electronic ballasts and fluorescent lamps from the same manufacturers.

Neutral conductor necessary!
For remote controlled switching and dimming of lighting.
According to DIN EN 61347-2-3

- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- switch-on brightness level can be stored safe after power failure
- light scenes only polled using radio transmitter
- with 5 light scenes for "on/off", dimming value
- e.g. for fluorescent lamps and LV halogen lamps
- with programming button and red programming LED
- for switching and controlling electronic ballasts and 1 - 10 V Tronic transformers, 105 W
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Making current limiter	185	71

i 932



DESIGN		ORDER NO.	PU
polar white matt	#	**180**	1

BLIND ACTUATORS, FLUSH-MOUNTED



µ

Radio blind actuator flush-mounted

Operating voltage	230 V~
Switching capacity for max. 1 motor	700 W
Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	14
Lamella adjustment on signal duration	< 1 s
Self-retaining for 2 min on signal length	> 1 s
Operating temperature	-20 ... +55 °C
Line length	≈ 210 mm
Dimensions (Ø x H)	52 x 23 mm
Centre hole Ø	7.5 mm
Frequency	50/60 Hz

Neutral conductor necessary!
For remote-controlled movement of blinds, awnings.

- light scenes only polled using radio transmitter
- with 5 light scenes for "open/close"
- with programming button and two-colour programming LED
- installation in flush-mounted or splash-protected junction box
- with electrical interlocking to prevent mutual switch on
- pre-assembled, with cables

i 932



DESIGN		ORDER NO.	PU
grey	#	**127**	1

RADIO SYSTEM RMD

Radio receivers RMD



Radio receivers RMD

Operating voltage	230 V~
Frequency	50/60 Hz
Radio reception frequency	433.42 MHz
Radio reception range (free field)	max. 60 m
Receiver for [system devices]	max. 30
Operating temperature	+0 ... +45 °C
Assembling height as from DIN rail	61.5 mm
Width of rail mounted device (RMD)	2 TE
Dimensions (W x H x D)	36 x 90 x 68 mm

Neutral conductor necessary!

- radio signals are prepared for transmission to the RMD data connection
- to improve the reception of external radio antenna RMD, can be plugged into SMB jack
- with screw terminals
- with screw terminals and plug-in terminals (EIB) for RMD data connection

SUITABLE FOR	ORDER NO.	PAGE
Switch actuators RMD		page 713
DIM ACTUATORS RMD		page 714
1 - 10 V control units RMD		page 715
Blind actuators RMD		page 715
Antenna for radio receiver RMD	9490 01 00	713

i 939

DESIGN		ORDER NO.	PU
light grey matt	#	**9405 01 00**	1



Antenna for radio receiver RMD

Radio reception frequency	433.42 MHz
Radio reception range (free field)	max. 100 m
Line length	≈ 2.5 m
Dimensions (L x Ø base)	200 x 30.5 mm

- for metal distribution boxes and to increase the radio reception range
- installation on metal via magnetic base
- pre-assembled, with cable and SMB plug

i 939

DESIGN	ORDER NO.	PU
black glossy	# **9490 01 00**	1

Switch actuators RMD



Radio switch actuator RMD

Operating voltage	230 V~
Frequency	50/60 Hz
Number of teachable radio transmitters	30
230 V incandescent lamps and halogen lamps	2300 W
Conventional transformers	1000 VA
Electronic transformers	1500 W
Fluorescent lamps:	
- in Duo circuit	2300 W
- uncompensated	1200 VA
- parallel compensated	920 W
Operating temperature	+0 ... +45 °C
Conductor cross-section (rigid)	1.5 ... 4 mm²
Assembling height as from DIN rail	61.5 mm
Width of rail mounted device (RMD)	2 TE
Dimensions (W x H x D)	36 x 90 x 68 mm

- with construction site function on/off
- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- light scenes only polled using radio transmitter
- with 5 light scenes for "on/off"
- programming mode can be activated on device or via extension unit
- with programming button and red programming LED
- signals received via the RMD line are processed
- with extension unit input for BLC extension unit and push-button (NO contact), single-surface operating concept
- with screw terminals
- with screw terminals and plug-in terminals (EIB) for RMD data connection

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Use only in conjunction with radio receiver RMD.

Neutral conductor necessary!

For remote-controlled switching of electrical loads.

SUITABLE FOR	ORDER NO.	PAGE
Radio receivers RMD	9405 01 00	712
optional		
Making current limiter	185	71

i 932

DESIGN	ORDER NO.	PU
light grey, matt	# **9450 01 00**	1



Radio switch actuator 4gang RMD

Operating voltage	230 V~
Frequency	50/60 Hz
Number of teachable radio transmitters	per channel 30
230 V incandescent lamps and halogen lamps	2300 W
Conventional transformers	1000 VA
Electronic transformers	1500 W
Fluorescent lamps:	
- in Duo circuit	2300 W
- uncompensated	1200 VA
- parallel compensated	920 W
Operating temperature	+0 ... +45 °C
Conductor cross-section (rigid)	1.5 ... 4 mm²
Assembling height as from DIN rail	63 mm
Width of rail mounted device (RMD)	4 TE
Dimensions (W x H x D)	72 x 90 x 70 mm

- with manual operation on/off per channel
- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- with 4 red control/programming LEDs
- light scenes only polled using radio transmitter
- with 5 light scenes for "on/off" per channel
- suitable for different external conductors
- with potential-free NO contacts
- signals received via the RMD line are processed
- for switching, e.g. of 4 independent loads
- with screw terminals
- with screw terminals and plug-in terminals (EIB) for RMD data connection

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Use only in conjunction with radio receiver RMD.

Neutral conductor necessary!

For remote-controlled switching of electrical loads.

SUITABLE FOR	ORDER NO.	PAGE
Radio receivers RMD	9405 01 00	712
optional		
Making current limiter	185	71

i 939

DESIGN	ORDER NO.	PU
light grey matt	# **9450 02 00**	1

DIM ACTUATORS RMD



Radio universal dim actuator RMD

Operating voltage	230 V~
Frequency	50/60 Hz
Number of teachable radio transmitters	30
230 V incandescent lamps and halogen lamps	50 ... 400 W
Dimmable conventional transformers	50 ... 400 VA
Electronic transformers	50 ... 400 W
Number of built-in/RMD Tronics or power boosters - with identical load type	max. 10
Number of universal power boosters, 420 W at phase control	max. 5
Number of universal power boosters, 500 W for phase cut-off	max. 10
With manual actuation, on/off	< 1 s
Operating temperature	+0 ... +45 °C
Conductor cross-section (rigid)	1.5 ... 4 mm²
Assembling height as from DIN rail	61.5 mm
Width of rail mounted device (RMD)	4 TE
Dimensions (W x H x D)	73 x 90 x 68 mm

- with construction site function on/off
- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- phase cut-on or cut-off according to load type, self-learning
- switch-on brightness level can be stored safe after power failure
- light scenes only polled using radio transmitter
- with 5 light scenes for "on/off", dimming value
- with programming button and red programming LED
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- signals received via the RMD line are processed
- short-circuit and overload proof (electronic fuse)
- with extension unit input for BLC extension unit and push-button (NO contact), single-surface operating concept
- with screw terminals
- with screw terminals and plug-in terminals (EIB) for RMD data connection

Use only in conjunction with radio receiver RMD.

Do not connect conventional transformers together with electronic transformers.

For remote controlled switching and dimming of lighting.

SUITABLE FOR	ORDER NO.	PAGE
Radio receivers RMD	9405 01 00	712
optional		
Universal power booster Plus RMD	1 6599 01	58
Power booster built-in (R, L)	2869	59
Tronic power booster built-in (R, C)	2868	59

i 932

DESIGN	ORDER NO.	PU
light grey matt	# **9455 01 00**	1

1 - 10 V control units RMD



Radio 1 - 10 V control unit RMD

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current	8 A
Control current	15 mA
Number of teachable radio transmitters	30
With manual actuation, on/off	< 1 s
Operating temperature	+0 ... +45 °C
Conductor cross-section (rigid)	1.5 ... 4 mm²
Assembling height as from DIN rail	61.5 mm
Width of rail mounted device (RMD)	4 TE
Dimensions (W x H x D)	73 x 90 x 68 mm

With excessive switch-on currents, use switching current limiters order no. 185.

To ensure same illumination, use only electronic ballasts and fluorescent lamps from the same manufacturers.

Neutral conductor necessary!

Use only in conjunction with radio receiver RMD.
For remote controlled switching and dimming of lighting.
According to DIN EN 61347-2-3

- with manual operation on/off
- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- switch-on brightness level can be stored safe after power failure
- light scenes only polled using radio transmitter
- with 5 light scenes for "on/off", dimming value
- e.g. for fluorescent lamps and LV halogen lamps
- with programming button and red programming LED
- signals received via the RMD line are processed
- for switching and controlling electronic ballasts and 1 - 10 V Tronic transformers, 105 W
- with screw terminals
- with screw terminals and plug-in terminals (EIB) for RMD data connection

SUITABLE FOR	ORDER NO.	PAGE
Radio receivers RMD	9405 01 00	712
optional		
Making current limiter	185	71

i 932



DESIGN		ORDER NO.	PU
light grey matt	#	**9465 01 00**	1

Blind actuators RMD



μ

Radio blind actuator RMD

Operating voltage	230 V~
Frequency	50/60 Hz
Switching capacity for max. 1 motor	700 W
Number of teachable radio transmitters	14
With manual actuation, up/stop/down	< 1 s
Lamella adjustment on signal duration	< 1 s
Self-retaining for 2 min on signal length	> 1 s
Operating temperature	+0 ... +45 °C
Conductor cross-section (rigid)	1.5 ... 4 mm²
Assembling height as from DIN rail	61.5 mm
Width of rail mounted device (RMD)	2 TE
Dimensions (W x H x D)	36 x 90 x 68 mm

Neutral conductor necessary!
For remote-controlled movement of blinds, awnings.

- with construction site function up/down
- light scenes only polled using radio transmitter
- with 5 light scenes for "open/close"
- with programming button and two-colour programming LED
- signals received via the RMD line are processed
- with electrical interlocking to prevent mutual switch on
- with screw terminals
- with screw terminals and plug-in terminals (EIB) for RMD data connection

SUITABLE FOR	ORDER NO.	PAGE
Radio receivers RMD	9405 01 00	712

i 932



DESIGN		ORDER NO.	PU
light grey matt	#	**9460 01 00**	1

SUPPLEMENTARY PRODUCTS



Radio signal amplifier surface-mounted

Operating voltage	230 V~
Number of radio channels	60
Radio transmission/reception frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission/reception range (free field)	max. 100 m
Operating temperature	-20 ... +55 °C
Network cable length	1.5 m
Dimensions (W x H x D)	110 x 94 x 38 mm
Frequency	50/60 Hz

- max. 1 radio signal amplifier/transmission circuit
- only taught-in radio transmitters are amplified
- to increase the radio range
- with red receive and green transmission indicator LED
- including white mains cable with Euro-plug
- with 2 cable entries
- with fitting material
- with screw terminals

i 931

Neutral conductor necessary!

The radio signal amplifier receives and sends out radio signals from taught-in transmitters at maximum transmission power.

DESIGN		ORDER NO.	PU
polar white glossy	#	**177 09**	1



Lithium block battery 9 V

Output voltage	9 V=
Charging capacity	1.2 Ah

- replacement

SUITABLE FOR	ORDER NO.	PAGE
Radio controller surface-mounted	1 7401 09	705
Radio magnetic contact	9430 01 00	706

DESIGN		ORDER NO.	PU
Lithium block battery 9 V	#	**9219**	1



BERKER.NET - CONVENTIONAL PLATFORM
LIGHT CONTROL 722-726
MOTION DETECTORS 726-731
BLIND CONTROL 732-733
BERKER.NET - ELECTRONICAL PLATFORM
LIGHT CONTROL 734-741
MOTION DETECTORS 742-747
BLIND CONTROL 747-749
TRANSMITTERS 750-755
SENSORS 755
BINARY INPUTS 756
SWITCH ACTUATORS 757-759
DIM ACTUATORS 759
BLIND ACTUATORS 760
POWER SUPPLY FOR KNX RADIO 761
GATEWAYS 761

The new electronics platform Berker.Net consists, on the one hand, of conventional solutions (switching, dimming and blind functions) and on the other hand, this platform can be expanded further using the radio applications shown here.
In this way, for example, a flush-mounted dimmer can be turned into a remote control solution by attaching a radio button.
The special feature is that both the radio application modules and all the flush-mounted radio devices use the KNX radio standard. This means that a tried-and-trusted and secure radio technology is used, which allows many different types of commissioning.
The radio transmitters and receivers of the new Berker electronics can be taught in easily using buttons and LEDs - as it were, at the touch of a button (quicklink). This simple type of commissioning is particularly suited to small and medium-sized systems, in which the applications communicate with each other solely by means of radio.
The solutions with integrated KNX radio technology are extremely beneficial when systems become larger or more complex, because, in this case, the radio products can be connected to a two-wire KNX system using a media coupler.
This means that Berker.Net stands for both function, demanding radio applications, as well as for an offer where the sky is the limit, providing full output when combined with standard KNX systems

- The system for light and blind control and for motion detectors
- Fewer flush-mounted inserts, more functions
- Optimised portfolio with a standardised design
- Conventional, radio and KNX-compatible solutions
- Simple to install and to teach in for KNX radio via quicklink
- Intuitive operation, maximum operating comfort

Application modules conventional

Button 1gang

Button 2gang


IR motion detector 1.1/2.2 m


IR motion-detector comfort 1.1/2.2 m


Blind button


Blind-time switch

Inserts	**Order no.**	8514 11 xx	8514 21 xx	8534 11 xx 8534 21 xx	8534 12 xx 8534 22 xx	8524 11 xx	8574 11 xx
Universal switch insert, 1gang 	8512 11 00	■		■	■		
Relay insert 	8512 12 00	■		■	■		
Touch dimmer (R,L) 	8542 11 00	■		■	■		
Universal touch dimmer 1gang 	8542 12 00	■		■	■		
Universal switch insert, 2gang 	8512 22 00		■				
Universal touch dimmer 2gang 	8542 21 00		■				
Blind insert comfort 	8522 11 00					■	■
Power supply for radio application module 	8502 01 00						
Extension unit for motion detector 	8532 01 00			■	■		

Application modules KNX radio	KNX radio button 1gang	KNX radio button 2gang	KNX radio button 4gang	 KNX radio motion detector comfort 1.1/2.2 m	 KNX radio timer	 KNX radio blind button	 KNX radio blind time switch
	8514 51 xx	8514 61 xx	8564 81 xx	8534 51 xx 8534 61 xx	8574 52 xx	8524 51 xx	8574 51 xx
	■		■	■			
	■		■	■	■		
	■		■	■			
	■		■	■			
		■	■				
		■	■				
						■	■
	■	■	■	■	■	■	■

LIGHT CONTROL

Switch inserts



Relay insert

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
Minimum contact load	≈ 15 W
230 V retrofit LED lamps	440 W
Dimmable energy-saving lamps	440 W
230 V incandescent lamps and halogen lamps	2300 W
Fluorescent lamps:	
- uncompensated	1100 VA
- parallel compensated	1000 W /130 µF
- in Duo circuit	1000 W
- with electronical ballast (EB)	1000 W
Compact fluorescent lamps with electronic ballast	22 x 20 W
Dimmable conventional transformers	1500 VA
Electronic transformers and dual-mode transformers	1500 W
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Operating temperature	-5 ... +45 °C
Housing installation depth	22 mm
Claw guidance installation depth	32 mm

- low intrinsic energy requirement
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- no conductive connection between supporting ring and spreading claws
- also usable as push-button relay switch
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Making current limiter	185	71

i 918

Neutral conductor necessary!

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



DESIGN	ORDER NO.	PU
Relay insert	**8512 12 00**	1



Switch insert 1gang

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

- low intrinsic energy requirement
- automatic setting to dimmable loads (autoDetect process)
- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- bulb-preserving soft startup
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- no conductive connection between supporting ring and spreading claws
- short-circuit and overload proof (electronic fuse)
- with screw terminals

i 918

Only suitable for operation with dimmable loads!

Caution!
Only connect **dimmable** 230 V ESL or retrofit-LED lamps.

Do not connect inductive and capacitive loads jointly.

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



DESIGN	ORDER NO.	PU
Switch insert 1gang	**8512 11 00**	1



Switch insert 2gang

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 1 W
Dimmable 230 V retrofit LED lamps	per channel 12 ... 54 W
Dimmable energy-saving lamps	per channel 15 ... 54 W
230 V incandescent lamps and halogen lamps	per channel 35 ... 300 W
Dimmable conventional transformers	per channel 35 ... 300 VA
Electronic transformers and dual-mode transformers	per channel 35 ... 300 W
Number of substations	unlimited
Cable length, extensions	max. per channel 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

- low intrinsic energy requirement
- automatic setting to dimmable loads (autoDetect process)
- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- bulb-preserving soft startup
- with 2 extension unit inputs for push-button (NO contact), single-surface operation
- no conductive connection between supporting ring and spreading claws
- short-circuit and overload proof (electronic fuse)
- with screw terminals

i 918

Only suitable for operation with dimmable loads!

Caution!
Only connect **dimmable** 230 V ESL or retrofit-LED lamps.

Do not connect inductive and capacitive loads jointly.

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

DESIGN	ORDER NO.	PU
Switch insert 2gang	**8512 22 00**	1

Dimmer inserts



Touch dimmer (R, L)

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Number of universal capacity enhancers	max. 2
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

- low intrinsic energy requirement
- phase cut-on
- bulb-preserving soft startup
- switch-on brightness level can be stored safe after power failure
- expandable with universal power boosters RMD Plus
- with extension unit input for push-button (NO contact) with single-surface operation and motion detector extension unit
- no conductive connection between supporting ring and spreading claws
- short-circuit and overload proof (electronic fuse)
- with screw terminals

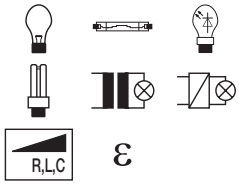
SUITABLE FOR	ORDER NO.	PAGE
optional		
Universal power booster Plus RMD	1 6599 01	58

i 918

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

DESIGN	ORDER NO.	PU
Touch dimmer (R, L)	**8542 11 00**	1





Universal touch dimmer 1gang

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

- low intrinsic energy requirement
- automatic setting to dimmable loads (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- bulb-preserving soft startup
- with extension unit input for push-button (NO contact) with single-surface operation and motion detector extension unit
- no conductive connection between supporting ring and spreading claws
- short-circuit and overload proof (electronic fuse)
- with screw terminals

i 918

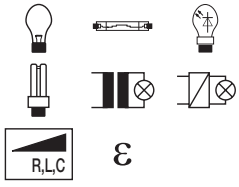
Do not connect inductive and capacitive loads jointly.

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



DESIGN	ORDER NO.	PU
Universal touch dimmer 1gang	**8542 12 00**	1





Universal touch dimmer 2gang

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption, standby (Channel 1/Channel 2)	0,3/0,7 W
Dimmable 230 V retrofit LED lamps	per channel 12 ... 40 W
Dimmable energy-saving lamps	per channel 15 ... 54 W
230 V incandescent lamps and halogen lamps	per channel 35 ... 300 W
Dimmable conventional transformers	per channel 35 ... 300 VA
Electronic transformers and dual-mode transformers	per channel 35 ... 300 W
Number of substations	unlimited
Cable length, extensions	max. per channel 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

- low intrinsic energy requirement
- automatic setting to dimmable loads (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- bulb-preserving soft startup
- with 2 extension unit inputs for push-button (NO contact), single-surface operation
- no conductive connection between supporting ring and spreading claws
- short-circuit and overload proof (electronic fuse)
- with screw terminals

i 918

Do not connect inductive and capacitive loads jointly per series.

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



DESIGN	ORDER NO.	PU
Universal touch dimmer 2gang	**8542 21 00**	1

Buttons for switches/dimmers

Button 1gang

Operating voltage via insert
Operating temperature -5 ... +45 °C

- low intrinsic energy requirement
- with 2-push-buttons operation concept
- switch-on brightness level for use on dimmer insert, power failure proof, storable
- with anti-dismantling protection

SUITABLE FOR	ORDER NO.	PAGE
Relay insert	8512 12 00	47
Switch insert 1gang	8512 11 00	47
Touch dimmer (R, L)	8542 11 00	48
Universal touch dimmer 1gang	8542 12 00	49

i 918









DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**8514 11 82**	1
polar white glossy	**8514 11 89**	1
polar white matt	**8514 11 88**	1
anthracite matt, lacquered	**8514 11 85**	1
aluminium matt, lacquered	**8514 11 83**	1
Berker Q.1/Q.3		
polar white velvety	* **8514 11 29**	1
anthracite velvety, lacquered	* **8514 11 26**	1
Berker K.1/K.5		
polar white glossy	* **8514 11 79**	1
anthracite matt, lacquered	* **8514 11 75**	1
aluminium, matt, lacquered	* **8514 11 77**	1
stainless steel matt, lacquered	* **8514 11 73**	1
Berker R.1/R.3		
polar white glossy	**8514 11 39**	1
black glossy	**8514 11 31**	1



Button 2gang

Operating voltage via insert
Operating temperature -5 ... +45 °C

- low intrinsic energy requirement
- with 2-push-buttons operation concept per series
- switch-on brightness level for use on dimmer insert, power failure proof, storable
- with anti-dismantling protection

SUITABLE FOR	ORDER NO.	PAGE
Switch insert 2gang	8512 22 00	48
Universal touch dimmer 2gang	8542 21 00	49

i 918





DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**8514 21 82**	1
polar white glossy	**8514 21 89**	1
polar white matt	**8514 21 88**	1
anthracite matt, lacquered	**8514 21 85**	1
aluminium matt, lacquered	**8514 21 83**	1
Berker Q.1/Q.3		
polar white velvety	* **8514 21 29**	1
anthracite velvety, lacquered	* **8514 21 26**	1



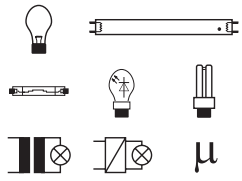


DESIGN	ORDER NO.	PU
Berker K.1/K.5		
polar white glossy	* **8514 21 79**	1
anthracite matt, lacquered	* **8514 21 75**	1
aluminium, matt, lacquered	* **8514 21 77**	1
stainless steel matt, lacquered	* **8514 21 73**	1
Berker R.1/R.3		
polar white glossy	**8514 21 39**	1
black glossy	**8514 21 31**	1

MOTION DETECTORS

Inserts





Relay insert

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
Minimum contact load	≈ 15 W
230 V retrofit LED lamps	440 W
Dimmable energy-saving lamps	440 W
230 V incandescent lamps and halogen lamps	2300 W
Fluorescent lamps:	
- uncompensated	1100 VA
- parallel compensated	1000 W /130 µF
- in Duo circuit	1000 W
- with electronical ballast (EB)	1000 W
Compact fluorescent lamps with electronic ballast	22 x 20 W
Dimmable conventional transformers	1500 VA
Electronic transformers and dual-mode transformers	1500 W
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Operating temperature	-5 ... +45 °C
Housing installation depth	22 mm
Claw guidance installation depth	32 mm

Neutral conductor necessary!

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

- low intrinsic energy requirement
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- no conductive connection between supporting ring and spreading claws
- also usable as push-button relay switch
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Making current limiter	185	71

i 918



DESIGN	ORDER NO.	PU
Relay insert	**8512 12 00**	1



Switch insert 1gang

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

- low intrinsic energy requirement
- automatic setting to dimmable loads (autoDetect process)
- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- bulb-preserving soft startup
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- no conductive connection between supporting ring and spreading claws
- short-circuit and overload proof (electronic fuse)
- with screw terminals

i 918

Only suitable for operation with dimmable loads!

Caution!
Only connect **dimmable** 230 V ESL or retrofit-LED lamps.

Do not connect inductive and capacitive loads jointly.

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



DESIGN	ORDER NO.	PU
Switch insert 1gang	**8512 11 00**	1



Touch dimmer (R, L)

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Number of universal capacity enhancers	max. 2
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

- low intrinsic energy requirement
- phase cut-on
- bulb-preserving soft startup
- switch-on brightness level can be stored safe after power failure
- expandable with universal power boosters RMD Plus
- with extension unit input for push-button (NO contact) with single-surface operation and motion detector extension unit
- no conductive connection between supporting ring and spreading claws
- short-circuit and overload proof (electronic fuse)
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Universal power booster Plus RMD	1 6599 01	58

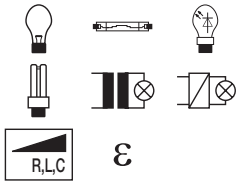
i 918

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



DESIGN	ORDER NO.	PU
Touch dimmer (R, L)	**8542 11 00**	1





Universal touch dimmer 1gang

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

- low intrinsic energy requirement
- automatic setting to dimmable loads (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- bulb-preserving soft startup
- with extension unit input for push-button (NO contact) with single-surface operation and motion detector extension unit
- no conductive connection between supporting ring and spreading claws
- short-circuit and overload proof (electronic fuse)
- with screw terminals

i 918

Do not connect inductive and capacitive loads jointly.

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



DESIGN	ORDER NO.	PU
Universal touch dimmer 1gang	**8542 12 00**	1



Extension unit for motion detector

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	0.3 W
Cable length, extensions	max. 50 m
Number of motion detector extension units	unlimited
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

- low intrinsic energy requirement
- no conductive connection between supporting ring and spreading claws
- short-circuit and overload proof (electronic fuse)
- with screw terminals

i 918



DESIGN	ORDER NO.	PU
Extension unit for motion detector	**8532 01 00**	1

Motion detector covers





IR motion detector comfort 1.1 m

Nominal mounting height	1.1 m
Detection field, rectangular shaped	≈ 12 x 16 m
Range, frontal	≈ 12 m
Range, side	each ≈ 8 m
Delay time, adjustable	≈ 10 s ... 30 min
Response sensitivity, settable	≈ 10 ... 100 %
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Short time mode	200 ms
immunity time	≈ 10 s
Operating temperature	-5 ... +45 °C
Assembling height	34 mm

Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the motion detector. Only suitable for indoor areas!

- low intrinsic energy requirement
- with button for on/off/automatic
- LED application module/insert compatibility display
- with operation and status LED, red/green/orange
- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- step operation with immunity time (e.g. for stair light/ impact current circuits)
- µ-processor controlled mode of operation
- with anti-dismantling protection

SUITABLE FOR	ORDER NO.	PAGE
Inserts		page 726

i 918









DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	* **8534 12 82**	1
polar white glossy	* **8534 12 89**	1
polar white matt	* **8534 12 88**	1
anthracite matt	* **8534 12 85**	1
aluminium, matt, lacquered	* **8534 12 83**	1
Berker Q.1/Q.3		
polar white velvety	* **8534 12 29**	1
anthracite velvety, lacquered	* **8534 12 26**	1
Berker K.1/K.5		
polar white glossy	* **8534 12 79**	1
anthracite matt, lacquered	* **8534 12 75**	1
aluminium, matt, lacquered	* **8534 12 77**	1
stainless steel matt, lacquered	* **8534 12 73**	1
Berker R.1/R.3		
polar white glossy	**8534 12 39**	1
black glossy	**8534 12 31**	1





IR motion detector comfort 2.2 m

Nominal mounting height	2.2 m
Detection field, rectangular shaped	≈ 8 x 12 m
Range, frontal	≈ 8 m
Range, side	each ≈ 6 m
Delay time, adjustable	≈ 10 s ... 30 min
Response sensitivity, settable	≈ 10 ... 100 %
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Short time mode	200 ms
immunity time	≈ 10 s
Operating temperature	-5 ... +45 °C
Assembling height	34 mm

- low intrinsic energy requirement
- with button for on/off/automatic
- LED application module/insert compatibility display
- with operation and status LED, red/green/orange
- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- step operation with immunity time (e.g. for stair light/ impact current circuits)
- µ-processor controlled mode of operation
- with anti-dismantling protection

SUITABLE FOR — Inserts — **ORDER NO.** — **PAGE** page 726

i 918









DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	* **8534 22 82**	1
polar white glossy	* **8534 22 89**	1
polar white matt	* **8534 22 88**	1
anthracite matt	* **8534 22 85**	1
aluminium, matt, lacquered	* **8534 22 83**	1
Berker Q.1/Q.3		
polar white velvety	* **8534 22 29**	1
anthracite velvety, lacquered	* **8534 22 26**	1
Berker K.1/K.5		
polar white glossy	* **8534 22 79**	1
anthracite matt, lacquered	* **8534 22 75**	1
aluminium, matt, lacquered	* **8534 22 77**	1
stainless steel matt, lacquered	* **8534 22 73**	1
Berker R.1/R.3		
polar white glossy	**8534 22 39**	1
black glossy	**8534 22 31**	1





Motion detector 1.1 m

Nominal mounting height	1.1 m
Detection field, rectangular shaped	≈ 12 x 16 m
Range, frontal	≈ 12 m
Range, side	each ≈ 8 m
Delay time	≈ 180 s
Response sensitivity, settable	≈ 10 ... 100 %
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Operating temperature	-5 ... +45 °C
Assembling height	34 mm

Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the motion detector. Only suitable for indoor areas!

- low intrinsic energy requirement
- with button for on/off/automatic
- LED application module/insert compatibility display
- with operation and status LED, red/green/orange
- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- µ-processor controlled mode of operation
- with anti-dismantling protection

SUITABLE FOR — Inserts — **ORDER NO.** — **PAGE** page 726

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DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	* **8534 11 82**	1
polar white glossy	* **8534 11 89**	1
polar white matt	* **8534 11 88**	1
anthracite matt	* **8534 11 85**	1
aluminium, matt, lacquered	* **8534 11 83**	1



DESIGN	ORDER NO.	PU
Berker Q.1/Q.3		
polar white velvety	* **8534 11 29**	1
anthracite velvety, lacquered	* **8534 11 26**	1



DESIGN	ORDER NO.	PU
Berker K.1/K.5		
polar white glossy	* **8534 11 79**	1
anthracite matt, lacquered	* **8534 11 75**	1
aluminium, matt, lacquered	* **8534 11 77**	1
stainless steel matt, lacquered	* **8534 11 73**	1
Berker R.1/R.3		
polar white glossy	**8534 11 39**	1
black glossy	**8534 11 31**	1





Motion detector 2.2 m

Nominal mounting height	2.2 m
Detection field, rectangular shaped	≈ 8 x 12 m
Range, frontal	≈ 8 m
Range, side	each ≈ 6 m
Delay time	≈ 180 s
Response sensitivity, settable	≈ 10 ... 100 %
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Operating temperature	-5 ... +45 °C
Assembling height	34 mm

- low intrinsic energy requirement
- with button for on/off/automatic
- LED application module/insert compatibility display
- with operation and status LED, red/green/orange
- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- µ-processor controlled mode of operation
- with anti-dismantling protection



SUITABLE FOR Inserts — **ORDER NO.** — **PAGE** page 726

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DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	* **8534 21 82**	1
polar white glossy	* **8534 21 89**	1
polar white matt	* **8534 21 88**	1
anthracite matt	* **8534 21 85**	1
aluminium, matt, lacquered	* **8534 21 83**	1
Berker Q.1/Q.3		
polar white velvety	* **8534 21 29**	1
anthracite velvety, lacquered	* **8534 21 26**	1



DESIGN	ORDER NO.	PU
Berker K.1/K.5		
polar white glossy	* **8534 21 79**	1
anthracite matt, lacquered	* **8534 21 75**	1
aluminium, matt, lacquered	* **8534 21 77**	1
stainless steel matt, lacquered	* **8534 21 73**	1
Berker R.1/R.3		
polar white glossy	**8534 21 39**	1
black glossy	**8534 21 31**	1



BLIND CONTROL



μ

Blind insert comfort

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.1 W
Switching current (ohmic/inductive)	max. 5 A
Switching current at cos φ = 0.6	max. 3 A
Change-over time for change of direction	< 0.6 s
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Operating temperature	-5 ... +45 °C
Housing installation depth	22 mm
Claw guidance installation depth	32 mm

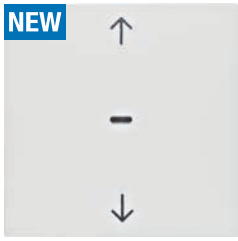
- low intrinsic energy requirement
- for single, group and master controls
- with 230 V extension unit inputs for up and down
- no conductive connection between supporting ring and spreading claws
- with 2 mechanically and electrically mutually-locked relay contacts
- circuiting of extension units push-buttons for blinds, blind inserts, key push-buttons for blinds
- with screw terminals

i 918



DESIGN	ORDER NO.	PU
Blind insert comfort	**8522 11 00**	1

Blind covers



Blind button

Delay time, adjustable	0 s ... 500 s
Venetian blind movement time	2 min
Change-over time for change of direction	< 0.6 s
Minimum slat adjustment time	≈ 150 ms
Operating temperature	-5 ... +45 °C

- low intrinsic energy requirement
- LED application module/insert compatibility display
- with indicator LED for lock-out protection
- with status LED for memory and party function, red/orange
- memory function for automatic execution of learned up and down times with position
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- with imprinted symbol arrows
- with anti-dismantling protection

SUITABLE FOR	ORDER NO.	PAGE
Blind insert comfort	8522 11 00	115

i 918



DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	* **8524 11 82**	1
polar white glossy	* **8524 11 89**	1
polar white matt	* **8524 11 88**	1
anthracite matt	* **8524 11 85**	1
aluminium, matt, lacquered	* **8524 11 83**	1



Berker Q.1/Q.3		
polar white velvety	* **8524 11 29**	1
anthracite velvety, lacquered	* **8524 11 26**	1



Berker K.1/K.5		
polar white glossy	* **8524 11 79**	1
anthracite matt, lacquered	* **8524 11 75**	1
aluminium, matt, lacquered	* **8524 11 77**	1
stainless steel matt, lacquered	* **8524 11 73**	1



Berker R.1/R.3		
polar white glossy [1]	**8524 11 39**	1
black glossy [1]	**8524 11 31**	1

[1] no dismantling protection possible



Blind time switch

- Display



Running time	2 min
Number of operation times for up/down	20
Change-over time for change of direction	< 0.6 s
Astronomic time shift	± 2 h
Random number generator	± 15 min
Power reserve	≈ 24 h
Minimum slat adjustment time	≈ 150 ms
Operating temperature	-5 ... +45 °C

Control using device buttons and programmed switching times.

- low intrinsic energy requirement
- indication of the application module/insert compatibility in the display
- LC display illuminated during operation
- LC display contrast is adjustable
- astro programme for sunrise/sundown switching with city/country or co-ordinate input, individually adaptable
- holiday programme for random variation of the operation times in automatic operation
- 2 independent preset programme memories, individually adaptable
- with keylock
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- reset function (to factory setting)
- with automatic summer-/winter time switching (can be switched off)
- with anti-dismantling protection

SUITABLE FOR	ORDER NO.	PAGE
Blind insert comfort	8522 11 00	115

i 918









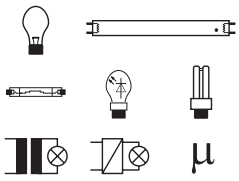
DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	* **8574 11 82**	1
polar white glossy	* **8574 11 89**	1
aluminium, matt, lacquered	* **8574 11 83**	1
anthracite matt	* **8574 11 85**	1
polar white matt	* **8574 11 88**	1
Berker Q.1/Q.3		
polar white velvety	* **8574 11 29**	1
anthracite velvety, lacquered	* **8574 11 26**	1
Berker K.1/K.5		
polar white glossy	* **8574 11 79**	1
anthracite matt, lacquered	* **8574 11 75**	1
aluminium, matt, lacquered	* **8574 11 77**	1
stainless steel matt, lacquered	* **8574 11 73**	1
Berker R.1/R.3		
polar white glossy [1]	**8574 11 39**	1
black glossy [1]	**8574 11 31**	1

[1] no dismantling protection possible

LIGHT CONTROL

Switch inserts





Relay insert

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
Minimum contact load	≈ 15 W
230 V incandescent lamps and halogen lamps	2300 W
230 V retrofit LED lamps	440 W
Dimmable energy-saving lamps	440 W
Fluorescent lamps:	
- uncompensated	1100 VA
- parallel compensated	1000 W /130 µF
- in Duo circuit	1000 W
- with electronical ballast (EB)	1000 W
Compact fluorescent lamps with electronic ballast	22 x 20 W
Dimmable conventional transformers	1500 VA
Electronic transformers and dual-mode transformers	1500 W
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Housing installation depth	22 mm
Claw guidance installation depth	32 mm

Neutral conductor necessary!
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

- low intrinsic energy requirement
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- also usable as push-button relay switch
- no conductive connection between supporting ring and spreading claws
- with screw terminals

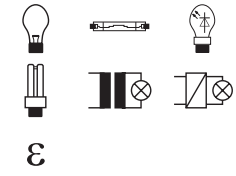
SUITABLE FOR	ORDER NO.	PAGE
optional		
Making current limiter	185	71

i 918



DESIGN	ORDER NO.	PU
Relay insert	**8512 12 00**	1





Switch insert 1gang

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Insertion depth	32 mm

Only suitable for operation with dimmable loads!
Caution!
Only connect **dimmable** 230 V ESL or retrofit-LED lamps.
Do not connect inductive and capacitive loads jointly.
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

- low intrinsic energy requirement
- automatic setting to dimmable loads (autoDetect process)
- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- bulb-preserving soft startup
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals

i 918



DESIGN	ORDER NO.	PU
Switch insert 1gang	**8512 11 00**	1



Switch insert 2gang

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 1 W
230 V incandescent lamps and halogen lamps	per channel 35 ... 300 W
Dimmable 230 V retrofit LED lamps	per channel 12 ... 54 W
Dimmable energy-saving lamps	per channel 15 ... 54 W
Dimmable conventional transformers	per channel 35 ... 300 VA
Electronic transformers and dual-mode transformers	per channel 35 ... 300 W
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. per channel 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Insertion depth	32 mm

- low intrinsic energy requirement
- automatic setting to dimmable loads (autoDetect process)
- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- bulb-preserving soft startup
- with 2 extension unit inputs for push-button (NO contact), single-surface operation
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals

i 918

Only suitable for operation with dimmable loads!

Caution!
Only connect **dimmable** 230 V ESL or retrofit-LED lamps.

Do not connect inductive and capacitive loads jointly.

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

DESIGN	ORDER NO.	PU
Switch insert 2gang	**8512 22 00**	1

Dimmer inserts



Touch dimmer (R, L)

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Number of universal capacity enhancers	max. 2
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Insertion depth	32 mm

- low intrinsic energy requirement
- phase cut-on
- bulb-preserving soft startup
- switch-on brightness level can be stored safe after power failure
- expandable with universal power boosters RMD Plus
- with extension unit input for push-button (NO contact) with single-surface operation and motion detector extension unit
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals

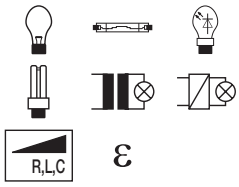
SUITABLE FOR	ORDER NO.	PAGE
optional		
Universal power booster Plus RMD	1 6599 01	58

i 918

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

DESIGN	ORDER NO.	PU
Touch dimmer (R, L)	**8542 11 00**	1





Universal touch dimmer 1gang

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Insertion depth	32 mm

- low intrinsic energy requirement
- automatic setting to dimmable loads (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- bulb-preserving soft startup
- with extension unit input for push-button (NO contact) with single-surface operation and motion detector extension unit
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals

i 918

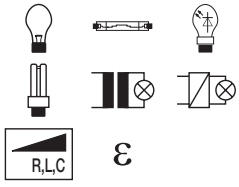
Do not connect inductive and capacitive loads jointly.

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



DESIGN	ORDER NO.	PU
Universal touch dimmer 1gang	**8542 12 00**	1





Universal touch dimmer 2gang

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption, standby (Channel 1/Channel 2)	0,3/0,7 W
230 V incandescent lamps and halogen lamps	per channel 35 ... 300 W
Dimmable 230 V retrofit LED lamps	per channel 12 ... 40 W
Dimmable energy-saving lamps	per channel 15 ... 54 W
Dimmable conventional transformers	per channel 35 ... 300 VA
Electronic transformers and dual-mode transformers	per channel 35 ... 300 W
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. per channel 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Insertion depth	32 mm

- low intrinsic energy requirement
- automatic setting to dimmable loads (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- bulb-preserving soft startup
- with 2 extension unit inputs for push-button (NO contact), single-surface operation
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals

i 918

Do not connect inductive and capacitive loads jointly per series.

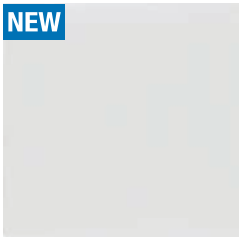
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



DESIGN	ORDER NO.	PU
Universal touch dimmer 2gang	**8542 21 00**	1

KNX radio buttons for switches/dimmers

NEW



KNX radio button 1gang quicklink

Number of radio channels	2
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission/reception frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio protocol	KNX Radio
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Transmitter duty cycle	1 %
Receiver category	2
Operating temperature	-5 ... +45 °C

For manual actuation or remote control via KNX radio.

- low intrinsic energy requirement
- with configuration and function button
- LED application module/insert compatibility display
- with configuration and function LEDs
- operating areas configurable as one or two-area operation
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory
- ETS additional functions: +6 scenes, 1 button control up/down, operating mode on/off, dimming value, brightness display, push-button, status display, forced control
- configurable transmission and/or reception behaviour
- reset function (to factory setting)
- switch-on brightness level for each operating area on configuration with dimmer insert, power failure proof, storable
- scene saving lockable
- top and bottom operating area on 1gang switching/dimming inserts and network insert are freely configurable
- toolless quicklink configuration using buttons and LED display
- with anti-dismantling protection
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system

SUITABLE FOR	ORDER NO.	PAGE
Relay insert	8512 12 00	47
Switch insert 1gang	8512 11 00	47
Touch dimmer (R, L)	8542 11 00	48
Universal touch dimmer 1gang	8542 12 00	49
Mains insert for KNX radio application module	8502 01 00	761

i 918

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	* **8514 51 82**	1
polar white glossy	* **8514 51 89**	1
polar white matt	* **8514 51 88**	1
anthracite matt	* **8514 51 85**	1
aluminium, matt, lacquered	* **8514 51 83**	1
Berker Q.1/Q.3		
polar white velvety	* **8514 51 29**	1
anthracite velvety, lacquered	* **8514 51 26**	1
Berker K.1/K.5		
polar white glossy	* **8514 51 79**	1
anthracite matt, lacquered	* **8514 51 75**	1
aluminium, matt, lacquered	* **8514 51 77**	1
stainless steel matt, lacquered	* **8514 51 73**	1
Berker R.1/R.3		
polar white glossy [1]	**8514 51 39**	1
black glossy [1]	**8514 51 31**	1

NEW



NEW



NEW



[1] no dismantling protection possible



KNX radio button 2gang quicklink

Number of radio channels	4
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission/reception frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio protocol	KNX Radio
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Transmitter duty cycle	1 %
Receiver category	2
Operating temperature	-5 ... +45 °C

For manual actuation or remote control via KNX radio.

- low intrinsic energy requirement
- with configuration and function button
- LED application module/insert compatibility display
- with configuration and function LEDs
- operating areas configurable as one or two-area operation
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory
- ETS additional functions: +6 scenes, 1 button control up/down, operating mode on/off, dimming value, brightness display, push-button, status display, forced control
- configurable transmission and/or reception behaviour
- reset function (to factory setting)
- switch-on brightness level for each operating area on configuration with dimmer insert, power failure proof, storable
- scene saving lockable
- top and bottom operating areas on 2gang switching/dimming inserts and network insert are freely configurable
- toolless quicklink configuration using buttons and LED display
- with anti-dismantling protection
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system

SUITABLE FOR	ORDER NO.	PAGE
Switch insert 2gang	8512 22 00	48
Universal touch dimmer 2gang	8542 21 00	49
Mains insert for KNX radio application module	8502 01 00	761

i 918







DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	* **8514 61 82**	1
polar white glossy	* **8514 61 89**	1
polar white matt	* **8514 61 88**	1
anthracite matt	* **8514 61 85**	1
aluminium, matt, lacquered	* **8514 61 83**	1
Berker Q.1/Q.3		
polar white velvety	* **8514 61 29**	1
anthracite velvety, lacquered	* **8514 61 26**	1
Berker K.1/K.5		
polar white glossy	* **8514 61 79**	1
anthracite matt, lacquered	* **8514 61 75**	1
aluminium, matt, lacquered	* **8514 61 77**	1
stainless steel matt, lacquered	* **8514 61 73**	1
Berker R.1/R.3		
polar white glossy [1]	**8514 61 39**	1
black glossy [1]	**8514 61 31**	1

[1] no dismantling protection possible



KNX radio button 4gang quicklink

Number of radio channels	4
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission/reception frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio protocol	KNX Radio
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Transmitter duty cycle	1 %
Receiver category	2
Operating temperature	-5 ... +45 °C

Extended operating options on 1gang inserts through 2 additional, freely-configurable radio channels.

For manual actuation or remote control via KNX radio.

- low intrinsic energy requirement
- with configuration and function button
- LED application module/insert compatibility display
- with configuration and function LEDs
- operating areas configurable as one or two-area operation
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory
- ETS additional functions: +6 scenes, 1 button control up/down, operating mode on/off, dimming value, brightness display, push-button, status display, forced control
- Functions for the push-button operation areas up/down or left/right can be freely configured as receiver for controlling the connected load and as transmitter for remote control of a blind, for example
- configurable transmission and/or reception behaviour
- reset function (to factory setting)
- switch-on brightness level for each operating area on configuration with dimmer insert, power failure proof, storable
- scene saving lockable
- toolless quicklink configuration using buttons and LED display
- with anti-dismantling protection
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system

SUITABLE FOR	ORDER NO.	PAGE
Switch inserts		page 734
Dimmer inserts		page 735
Mains insert for KNX radio application module	8502 01 00	761

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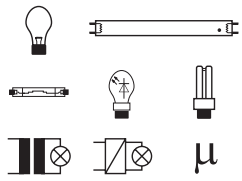
DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	* **8564 81 82**	1
polar white glossy	* **8564 81 89**	1
polar white matt	* **8564 81 88**	1
anthracite matt	* **8564 81 85**	1
aluminium, matt, lacquered	* **8564 81 83**	1
Berker Q.1/Q.3		
polar white velvety	* **8564 81 29**	1
anthracite velvety, lacquered	* **8564 81 26**	1
Berker K.1/K.5		
polar white glossy	* **8564 81 79**	1
anthracite matt, lacquered	* **8564 81 75**	1
aluminium, matt, lacquered	* **8564 81 77**	1
stainless steel matt, lacquered	* **8564 81 73**	1
Berker R.1/R.3		
polar white glossy [1]	**8564 81 39**	1
black glossy [1]	**8564 81 31**	1

[1] no dismantling protection possible

KNX radio time switches





Relay insert

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
Minimum contact load	≈ 15 W
230 V incandescent lamps and halogen lamps	2300 W
230 V retrofit LED lamps	440 W
Dimmable energy-saving lamps	440 W
Fluorescent lamps:	
- uncompensated	1100 VA
- parallel compensated	1000 W /130 µF
- in Duo circuit	1000 W
- with electronical ballast (EB)	1000 W
Compact fluorescent lamps with electronic ballast	22 x 20 W
Dimmable conventional transformers	1500 VA
Electronic transformers and dual-mode transformers	1500 W
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Housing installation depth	22 mm
Claw guidance installation depth	32 mm

Neutral conductor necessary!

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

- low intrinsic energy requirement
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- also usable as push-button relay switch
- no conductive connection between supporting ring and spreading claws
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Making current limiter	185 ..	71

i 918



DESIGN	ORDER NO.	PU
Relay insert	**8512 12 00**	1

NEW



quicklink

KNX radio timer quicklink

- Display



Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission/reception frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio protocol	KNX Radio
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Number of switching times for on/off	20
Random number generator	± 15 min
Astronomic time shift	± 2 h
Running accuracy	± 3 min/year
Power reserve	≈ 24 h
Operating temperature	-5 ... +45 °C

Control using device buttons, radio transmitters and programmed switching times.

- low intrinsic energy requirement
- with switchover manual/automatic mode
- indication of the application module/insert compatibility in the display
- LC display illuminated during operation
- LC display contrast is adjustable
- menu guidance available in German, English or French
- astro programme for sunrise/sundown switching with city/country or co-ordinate input, individually adaptable
- holiday programme for random variation of the switching times in automatic operation
- standalone programme, radio and extension unit commands are not executed
- 2 independent preset programme memories, individually adaptable
- quicklink functions: switching, 2 scenes, time switching, NO contact push-button, forced control
- ETS additional functions: +6 scenes, operating mode on/off, scene loading, time dimming value, push-button, status display
- configurable transmission and/or reception behaviour
- with keylock
- party function, no execution of automatic, radio and extension unit commands (switch protection)
- reset function (to factory setting)
- with automatic summer-/winter time switching (can be switched off)
- with anti-dismantling protection
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system

SUITABLE FOR	ORDER NO.	PAGE
Relay insert	8512 12 00	47
Mains insert for KNX radio application module	8502 01 00	761

i 918



NEW



NEW



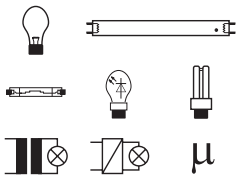


DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	* **8574 52 82**	1
polar white glossy	* **8574 52 89**	1
polar white matt	* **8574 52 88**	1
anthracite matt	* **8574 52 85**	1
aluminium, matt, lacquered	* **8574 52 83**	1
Berker Q.1/Q.3		
polar white velvety	* **8574 52 29**	1
anthracite velvety, lacquered	* **8574 52 26**	1
Berker K.1/K.5		
polar white glossy	* **8574 52 79**	1
anthracite matt, lacquered	* **8574 52 75**	1
aluminium, matt, lacquered	* **8574 52 77**	1
stainless steel matt, lacquered	* **8574 52 73**	1
Berker R.1/R.3		
polar white glossy	**8574 52 39**	1
black glossy	**8574 52 31**	1

MOTION DETECTORS

Inserts





Relay insert

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
Minimum contact load	≈ 15 W
230 V incandescent lamps and halogen lamps	2300 W
230 V retrofit LED lamps	440 W
Dimmable energy-saving lamps	440 W
Fluorescent lamps:	
- uncompensated	1100 VA
- parallel compensated	1000 W /130 µF
- in Duo circuit	1000 W
- with electronical ballast (EB)	1000 W
Compact fluorescent lamps with electronic ballast	22 x 20 W
Dimmable conventional transformers	1500 VA
Electronic transformers and dual-mode transformers	1500 W
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Housing installation depth	22 mm
Claw guidance installation depth	32 mm

Neutral conductor necessary!
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

- low intrinsic energy requirement
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- also usable as push-button relay switch
- no conductive connection between supporting ring and spreading claws
- with screw terminals

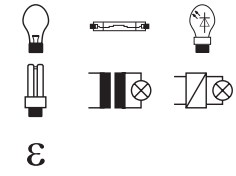
SUITABLE FOR	ORDER NO.	PAGE
optional		
Making current limiter	185	71

i 918



DESIGN	ORDER NO.	PU
Relay insert	**8512 12 00**	1





Switch insert 1gang

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Insertion depth	32 mm

Only suitable for operation with dimmable loads!
Caution!
Only connect **dimmable** 230 V ESL or retrofit-LED lamps.
Do not connect inductive and capacitive loads jointly.
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

- low intrinsic energy requirement
- automatic setting to dimmable loads (autoDetect process)
- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- bulb-preserving soft startup
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals

i 918



DESIGN	ORDER NO.	PU
Switch insert 1gang	**8512 11 00**	1



Touch dimmer (R, L)

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Number of universal capacity enhancers	max. 2
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Insertion depth	32 mm

- low intrinsic energy requirement
- phase cut-on
- bulb-preserving soft startup
- switch-on brightness level can be stored safe after power failure
- expandable with universal power boosters RMD Plus
- with extension unit input for push-button (NO contact) with single-surface operation and motion detector extension unit
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
Universal power booster Plus RMD	1 6599 01	58

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

i 918

DESIGN	ORDER NO.	PU
Touch dimmer (R, L)	**8542 11 00**	1



Universal touch dimmer 1gang

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Insertion depth	32 mm

- low intrinsic energy requirement
- automatic setting to dimmable loads (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- bulb-preserving soft startup
- with extension unit input for push-button (NO contact) with single-surface operation and motion detector extension unit
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Do not connect inductive and capacitive loads jointly.

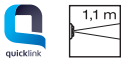
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

i 918

DESIGN	ORDER NO.	PU
Universal touch dimmer 1gang	**8542 12 00**	1

KNX radio motion detector application modules





KNX radio motion detector comfort 1.1 m quicklink

Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio protocol	KNX Radio
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Transmitter duty cycle	1 %
Receiver category	2
Delay time, adjustable	≈ 1 s ... 3 h
Nominal mounting height	1.1 m
Detection angle, settable	each side ≈ 45 ... 90 °
Detection field, rectangular shaped	≈ 12 x 16 m
Range, frontal	≈ 12 m
Range, side	each ≈ 8 m
Response sensitivity, settable	≈ 10 ... 100 %
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Switch-off pre-warning to dimming value 50% for	30 s
Operating temperature	-5 ... +45 °C
Assembling height	34 mm

Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the motion detector. Only suitable for indoor areas!

- low intrinsic energy requirement
- with configuration and function button
- with button for on/off/automatic/memory/party function
- LED application module/insert compatibility display
- with operation and status LED, red/green/orange
- with configuration and function LEDs
- remote control via quicklink transmitter
- quicklink functions: switching, dimming, 2 scenes, time switching, NO contact push-button, Memory, forced control, Master-Slave
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value, brightness display, movement scene loading, no movement scene loading
- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- reset function (to factory setting)
- switch-off pre-warning on dimmer inserts
- scene opening via KNX radio appliances
- scene saving lockable
- µ-processor controlled mode of operation
- optional operation of extension units using installation push-button
- with anti-dismantling protection
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system

SUITABLE FOR	ORDER NO.	PAGE
Inserts		page 742
Mains insert for KNX radio application module	8502 01 00	761

i 918









DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	* **8534 51 82**	1
polar white glossy	* **8534 51 89**	1
polar white matt	* **8534 51 88**	1
anthracite matt	* **8534 51 85**	1
aluminium, matt, lacquered	* **8534 51 83**	1
Berker Q.1/Q.3		
polar white velvety	* **8534 51 29**	1
anthracite velvety, lacquered	* **8534 51 26**	1
Berker K.1/K.5		
polar white glossy	* **8534 51 79**	1
anthracite matt, lacquered	* **8534 51 75**	1
aluminium, matt, lacquered	* **8534 51 77**	1
stainless steel matt, lacquered	* **8534 51 73**	1
Berker R.1/R.3		
polar white glossy [1]	**8534 51 39**	1
black glossy [1]	**8534 51 31**	1

[1] no dismantling protection possible





KNX radio motion detector comfort 2.2 m quicklink

Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio protocol	KNX Radio
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Transmitter duty cycle	1 %
Receiver category	2
Delay time, adjustable	≈ 1 s ... 3 h
Nominal mounting height	2.2 m
Detection angle, settable	each side ≈ 45 ... 90 °
Detection field, rectangular shaped	≈ 8 x 12 m
Range, frontal	≈ 8 m
Range, frontal (at 1.1 m installation height)	≈ 4 m
Range, side	each ≈ 6 m
Range, side (at 1.1 m installation height)	each ≈ 3 m
Response sensitivity, settable	≈ 10 ... 100 %
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Switch-off pre-warning to dimming value 50% for	30 s
Operating temperature	-5 ... +45 °C
Assembling height	34 mm

- low intrinsic energy requirement
- with configuration and function button
- with button for on/off/automatic/memory/party function
- LED application module/insert compatibility display
- with operation and status LED, red/green/orange
- with configuration and function LEDs
- remote control via quicklink transmitter
- quicklink functions: switching, dimming, 2 scenes, time switching, NO contact push-button, Memory, forced control, Master-Slave
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value, brightness display, movement scene loading, no movement scene loading
- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- reset function (to factory setting)
- switch-off pre-warning on dimmer inserts
- scene opening via KNX radio appliances
- scene saving lockable
- µ-processor controlled mode of operation
- optional operation of extension units using installation push-button
- with anti-dismantling protection
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system

SUITABLE FOR	ORDER NO.	PAGE
Inserts		page 742
Mains insert for KNX radio application module	8502 01 00	761

i 918









DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	* **8534 61 82**	1
polar white glossy	* **8534 61 89**	1
polar white matt	* **8534 61 88**	1
anthracite matt	* **8534 61 85**	1
aluminium, matt, lacquered	* **8534 61 83**	1
Berker Q.1/Q.3		
polar white velvety	* **8534 61 29**	1
anthracite velvety, lacquered	* **8534 61 26**	1
Berker K.1/K.5		
polar white glossy	* **8534 61 79**	1
anthracite matt, lacquered	* **8534 61 75**	1
aluminium, matt, lacquered	* **8534 61 77**	1
stainless steel matt, lacquered	* **8534 61 73**	1
Berker R.1/R.3		
polar white glossy [1]	**8534 61 39**	1
black glossy [1]	**8534 61 31**	1

[1] no dismantling protection possible

Surface-mounted motion detectors



IP55

KNX radio motion detector 220° surface-mounted

Operating voltage	4.5 V=
Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio protocol	KNX Radio
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Transmitter duty cycle	1 %
Receiver category	2
Delay time, adjustable	≈ 1 s ... 3 h
Lockout time	10 s
Recommended installation height	≈ 2.5 m
Detection angle	220 °
Detection field, semi-oval shaped	≈ 16 x 16 m
Range, frontal	≈ 16 m
Range, side	each ≈ 8 m
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Battery service life [years]	≈ 4
Operating temperature	-20 ... +55 °C
Dimensions (W x H x D)	91 x 130 x 153 mm

- low intrinsic energy requirement
- with configuration button
- with battery status indicator
- with configuration LED
- with LED detection indicator
- quicklink functions: time switching, NO contact push-button
- ETS additional functions: operating mode on/off, push-button, dimming value, brightness display, movement scene loading, no movement scene loading
- reset function (to factory setting)
- toolless quicklink configuration using buttons and LED display
- µ-processor controlled mode of operation
- with crawl-under protection
- with 3 Micro, alkaline batteries AAA LR03
- wall retaining plate and fastening material included in scope of delivery
- for wall and ceiling installation, corner installation with adapter
- vertically slewing and horizontally rotating
- with cover elements to limit the detection field
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system

SUITABLE FOR	ORDER NO.	PAGE
optional		
Surface-mounted corner mounting adapter for motion detector	8590 02 00	747

i 918

DESIGN	ORDER NO.	PU
polar white matt	**8536 51 00**	1



IP55

KNX radio motion detector 220° solar

Operating voltage	4.5 V=
Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio protocol	KNX Radio
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Transmitter duty cycle	1 %
Receiver category	2
Delay time, adjustable	≈ 1 s ... 3 h
Lockout time	10 s
Recommended installation height	≈ 2.5 m
Detection angle	220 °
Detection field, semi-oval shaped	≈ 16 x 16 m
Range, frontal	≈ 16 m
Range, side	each ≈ 8 m
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Operating temperature	-20 ... +55 °C
Dimensions (W x H x D)	91 x 130 x 153 mm

- low intrinsic energy requirement
- with configuration button
- with configuration LED
- with LED detection indicator
- quicklink functions: time switching, NO contact push-button
- ETS additional functions: operating mode on/off, push-button, dimming value, brightness display, movement scene loading, no movement scene loading
- reset function (to factory setting)
- toolless quicklink configuration using buttons and LED display
- µ-processor controlled mode of operation
- not dependent on mains power
- with crawl-under protection
- wall retaining plate and fastening material included in scope of delivery
- for wall and ceiling installation, corner installation with adapter
- vertically slewing and horizontally rotating
- with cover elements to limit the detection field
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system

SUITABLE FOR	ORDER NO.	PAGE
optional		
Surface-mounted corner mounting adapter for motion detector	8590 02 00	747

i 918

DESIGN	ORDER NO.	PU
polar white matt	**8536 52 00**	1



KNX radio motion detector 220° surface-mounted/switch actuator 1gang surface-mounted set

- low intrinsic energy requirement
- the motion detector (transmitter) and switch actuator (receiver) are pre-configured for joint use
- set consists of KNX radio controller 220°, surface-mounted (order no. 8536 51 00) and switch actuator, 1gang, surface-mounted (order no. 8516 51 00)

SUITABLE FOR	ORDER NO.	PAGE
optional		
Surface-mounted corner mounting adapter for motion detector	8590 02 00	747

i 918

DESIGN	ORDER NO.	PU
polar white matt/white	**8536 51 99**	1



Surface-mounted corner mounting adapter for motion detector

- for mounting, e.g. on building corners

SUITABLE FOR	ORDER NO.	PAGE
KNX radio motion detector 220° surface-mounted	8536 51 00	746
KNX radio motion detector 220° solar	8536 52 00	746
KNX radio motion detector 220° surface-mounted/switch actuator 1gang surface-mounted set	8536 51 99	747

i 918

DESIGN	ORDER NO.	PU
polar white matt	**8590 02 00**	1

BLIND CONTROL



Blind insert comfort

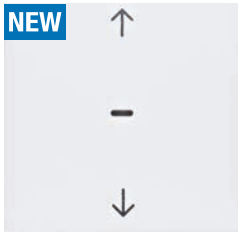
Operating voltage	230 V~
Frequency	50/60 Hz
Switching current (ohmic/inductive)	max. 5 A
Switching current at cos φ = 0.6	max. 3 A
Power consumption (standby)	< 0.1 W
Change-over time for change of direction	< 0.6 s
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5/1 x 2,5 mm²
Housing installation depth	22 mm
Claw guidance installation depth	32 mm

- low intrinsic energy requirement
- for single, group and master controls
- with 230 V extension unit inputs for up and down
- with 2 mechanically and electrically mutually-locked relay contacts
- no conductive connection between supporting ring and spreading claws
- circuiting of extension units push-buttons for blinds, blind inserts, key push-buttons for blinds
- with screw terminals

i 918

DESIGN	ORDER NO.	PU
Blind insert comfort	**8522 11 00**	1

KNX radio blind covers



KNX radio blind button quicklink

Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission/reception frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio protocol	KNX Radio
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Venetian blind movement time	2 min
Change-over time for change of direction	< 0.6 s
Minimum slat adjustment time	≈ 150 ms
Lamella adjustment on signal duration	< 1 s
Lamella adjustment on button-press	< 0.4 s
Operating temperature	-5 ... +45 °C

For manual actuation, automated memory execution or remote control via KNX radio.

- low intrinsic energy requirement
- with configuration and function button
- LED application module/insert compatibility display
- with configuration and function LEDs
- with indicator LED for lock-out protection
- with status LED for memory and party function, red/orange
- quicklink functions: blind, 2 scenes, memory, forced control, up/down push-button
- ETS additional functions: +6 scenes, operating mode, status display, 2 x alarm
- memory function for automatic execution of learned up and down times with position
- configurable transmission and/or reception behaviour
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- reset function (to factory setting)
- scene opening via KNX radio appliances
- slat position storable for scene
- toolless quicklink configuration using buttons and LED display
- with imprinted symbol arrows
- with anti-dismantling protection
- sun protection and twilight-controlled lowering with radio brightness sensor
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system

SUITABLE FOR	ORDER NO.	PAGE
Blind insert comfort		page 747
Mains insert for KNX radio application module	8502 01 00	761
optional		
KNX radio brightness sensor	8580 11 00	755

i 918









DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	* **8524 51 82**	1
polar white glossy	* **8524 51 89**	1
polar white matt	* **8524 51 88**	1
anthracite matt	* **8524 51 85**	1
aluminium, matt, lacquered	* **8524 51 83**	1
Berker Q.1/Q.3		
polar white velvety	* **8524 51 29**	1
anthracite velvety, lacquered	* **8524 51 26**	1
Berker K.1/K.5		
polar white glossy	* **8524 51 79**	1
anthracite matt, lacquered	* **8524 51 75**	1
aluminium, matt, lacquered	* **8524 51 77**	1
stainless steel matt, lacquered	* **8524 51 73**	1
Berker R.1/R.3		
polar white glossy	**8524 51 39**	1
black glossy	**8524 51 31**	1



KNX radio blind time switch quicklink

- Display

14:23

Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission/reception frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio protocol	KNX Radio
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Random number generator for holiday program	± 15 min
Number of operation times for up/down	20/day
Running time	2 min
Change-over time for change of direction	< 0.6 s
Minimum slat adjustment time	≈ 150 ms
Lamella adjustment on signal duration	< 1 s
Lamella adjustment on button-press	< 0.5 s
Astronomic time shift	± 2 h
Running accuracy	± 3 min/year
Power reserve	≈ 24 h
Operating temperature	-5 ... +45 °C

Control using device buttons, radio transmitters and programmed switching times.

- low intrinsic energy requirement
- with switchover manual/automatic mode
- indication of the application module/insert compatibility in the display
- LC display illuminated during operation
- LC display contrast is adjustable
- menu guidance available in German, English or French
- astro programme for sunrise/sundown switching with city/country or co-ordinate input, individually adaptable
- holiday programme for random variation of the operation times in automatic operation
- standalone programme, radio and extension unit commands are not executed
- 2 independent preset programme memories, individually adaptable
- quicklink functions for integration into the individual, group and master control of blinds/shutters
- quicklink functions: blind, 2 scenes, forced control, up/down push-button
- configurable transmission and/or reception behaviour
- with keylock
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- reset function (to factory setting)
- with automatic summer-/winter time switching (can be switched off)
- scene opening via KNX radio appliances
- slat position storable for scene
- with anti-dismantling protection
- sun protection and twilight-controlled lowering with radio brightness sensor
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system

SUITABLE FOR	ORDER NO.	PAGE
Blind insert comfort		page 747
Mains insert for KNX radio application module	8502 01 00	761
optional		
KNX radio brightness sensor	8580 11 00	755

i 918

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	* **8574 51 82**	1
polar white glossy	* **8574 51 89**	1
polar white matt	* **8574 51 88**	1
anthracite matt	* **8574 51 85**	1
aluminium, matt, lacquered	* **8574 51 83**	1
Berker Q.1/Q.3		
polar white velvety	* **8574 51 29**	1
anthracite velvety, lacquered	* **8574 51 26**	1
Berker K.1/K.5		
polar white glossy	* **8574 51 79**	1
anthracite matt, lacquered	* **8574 51 75**	1
aluminium, matt, lacquered	* **8574 51 77**	1
stainless steel matt, lacquered	* **8574 51 73**	1
Berker R.1/R.3		
polar white glossy	**8574 51 39**	1
black glossy	**8574 51 31**	1









TRANSMITTERS

Hand-held transmitter



KNX radio hand-held transmitter 2-channel

- Labelling field

Operating voltage	6 V=
Number of radio channels	2
Radio transmission frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio protocol	KNX Radio
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Transmitter duty cycle	1 %
Receiver category	2
Battery service life [years]	≈ 5
Operating temperature	-10 ... +45 °C
Dimensions (L x W x H)	83 x 46.5 x 15.8 mm

- with configuration button
- with side locking buttons
- with configuration LED
- with transmission status and battery status LED, red/ green/orange
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value
- reset function (to factory setting)
- with 2 x lithium coin cell battery 3 V type: CR 2430
- with keyring
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system

i 918

For radio remote control of all assigned KNX radio receivers.



DESIGN	ORDER NO.	PU
polar white/grey, glossy/matt	**8560 51 00**	1



KNX radio hand-held transmitter 4-channel

- Labelling field

Operating voltage	6 V=
Number of radio channels	4
Radio transmission frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio protocol	KNX Radio
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Transmitter duty cycle	1 %
Receiver category	2
Battery service life [years]	≈ 5
Operating temperature	-10 ... +45 °C
Dimensions (L x W x H)	83 x 46.5 x 15.8 mm

- with configuration button
- with side locking buttons
- with configuration LED
- with transmission status and battery status LED, red/ green/orange
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value
- reset function (to factory setting)
- with 2 x lithium coin cell battery 3 V type: CR 2430
- with keyring
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system

i 918

For radio remote control of all assigned KNX radio receivers.



DESIGN	ORDER NO.	PU
polar white/grey, glossy/matt	**8560 61 00**	1



KNX radio hand-held transmitter 6-channel

- Labelling field

Operating voltage	6 V=
Number of radio channels	6
Radio transmission frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio protocol	KNX Radio
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Transmitter duty cycle	1 %
Receiver category	2
Battery service life [years]	≈ 5
Operating temperature	+0 ... +45 °C
Dimensions (L x W x H)	133.6 x 50.2 x 16 mm

For radio remote control of all assigned KNX radio receivers.

- with configuration LED
- with transmission status and battery status LED, red/green/orange
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value
- reset function (to factory setting)
- with 2 x lithium coin cell battery 3 V type: CR 2430
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system

i 918

DESIGN	ORDER NO.	PU
polar white velvety	**8560 71 00**	1



KNX radio hand-held transmitter 18-channel

- Labelling field

Operating voltage	6 V=
Number of radio channels	18
Radio transmission frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio protocol	KNX Radio
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Transmitter duty cycle	1 %
Receiver category	2
Battery service life [years]	≈ 5
Operating temperature	+0 ... +45 °C
Dimensions (L x W x H)	133.6 x 50.2 x 16 mm

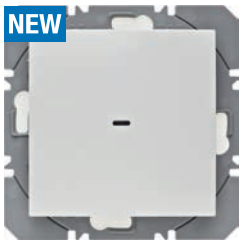
For radio remote control of all assigned KNX radio receivers.

- with configuration LED
- with transmission status and battery status LED, red/green/orange
- with movement and actuation-dependent labelling field illumination
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value
- reset function (to factory setting)
- with channel group slide switch
- with 2 x lithium coin cell battery 3 V type: CR 2430
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system

i 918

DESIGN	ORDER NO.	PU
white/dark blue	**8560 81 00**	1

Wall-transmitters



KNX radio wall-transmitter 1gang flat quicklink

Operating voltage	3 V=
Number of radio channels	2
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio protocol	KNX Radio
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Transmitter duty cycle	1 %
Receiver category	2
Battery service life [years]	≈ 5
Operating temperature	-5 ... +45 °C
Assembling height	14 mm

For radio remote control of all assigned KNX radio receivers.

- with configuration button
- with configuration LED
- with transmission status and battery status LED, red/green/orange
- operating areas configurable as one or two-area operation
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value
- reset function (to factory setting)
- top and bottom operating area are freely configurable
- toolless quicklink configuration using buttons and LED display
- with anti-dismantling protection
- with lithium coin cell battery 3 V type: CR 2430
- for flat surface mounting and extension of combinations
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system

i 918



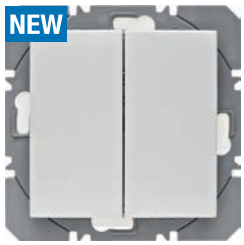






DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	* **8565 52 82**	1
polar white glossy	* **8565 52 89**	1
polar white matt	* **8565 52 88**	1
anthracite matt	* **8565 52 85**	1
aluminium, matt, lacquered	* **8565 52 83**	1
Berker Q.1/Q.3		
polar white velvety	* **8565 52 29**	1
anthracite velvety, lacquered	* **8565 52 26**	1
Berker K.1/K.5		
polar white glossy	* **8565 52 79**	1
anthracite matt, lacquered	* **8565 52 75**	1
aluminium, matt, lacquered	* **8565 52 77**	1
stainless steel matt, lacquered	* **8565 52 73**	1
Berker R.1/R.3		
polar white glossy [1]	**8565 52 39**	1
black glossy [1]	**8565 52 31**	1

[1] no dismantling protection possible



KNX radio wall-transmitter 2gang flat quicklink

Operating voltage	3 V=
Number of radio channels	4
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio protocol	KNX Radio
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Transmitter duty cycle	1 %
Receiver category	2
Battery service life [years]	≈ 5
Operating temperature	-5 ... +45 °C
Assembling height	14 mm

For radio remote control of all assigned KNX radio receivers.

- with configuration button
- with configuration LED
- with transmission status and battery status LED, red/green/orange
- operating areas configurable as one or two-area operation
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value
- reset function (to factory setting)
- top and bottom operating areas are freely configurable
- toolless quicklink configuration using buttons and LED display
- with anti-dismantling protection
- with lithium coin cell battery 3 V type: CR 2430
- for flat surface mounting and extension of combinations
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system

i 918



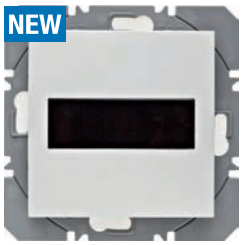






DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	* **8565 62 82**	1
polar white glossy	* **8565 62 89**	1
polar white matt	* **8565 62 88**	1
anthracite matt	* **8565 62 85**	1
aluminium, matt, lacquered	* **8565 62 83**	1
Berker Q.1/Q.3		
polar white velvety	* **8565 62 29**	1
anthracite velvety, lacquered	* **8565 62 26**	1
Berker K.1/K.5		
polar white glossy	* **8565 62 79**	1
anthracite matt, lacquered	* **8565 62 75**	1
aluminium, matt, lacquered	* **8565 62 77**	1
stainless steel matt, lacquered	* **8565 62 73**	1
Berker R.1/R.3		
polar white glossy [1]	**8565 62 39**	1
black glossy [1]	**8565 62 31**	1

[1] no dismantling protection possible



KNX radio wall-transmitter 1gang flat solar quicklink

Operating voltage	3 V=
Number of radio channels	2
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio protocol	KNX Radio
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Transmitter duty cycle	1 %
Receiver category	2
Required Ø brightness	at least 300 lx 6 h/day
Operating temperature	-5 ... +45 °C
Assembling height	14 mm

For radio remote control of all assigned KNX radio receivers.

- with configuration button
- with configuration LED
- with transmission status and battery status LED, red/green/orange
- operating areas configurable as one or two-area operation
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value
- reset function (to factory setting)
- top and bottom operating area are freely configurable
- toolless quicklink configuration using buttons and LED display
- power supply via solar cells
- with anti-dismantling protection
- for flat surface mounting and extension of combinations
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system

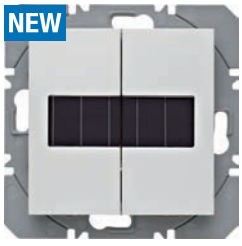
i 918





DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	* **8565 51 82**	1
polar white glossy	* **8565 51 89**	1
polar white matt	* **8565 51 88**	1
anthracite matt	* **8565 51 85**	1
aluminium, matt, lacquered	* **8565 51 83**	1
Berker R.1/R.3		
polar white glossy [1]	**8565 51 39**	1
black glossy [1]	**8565 51 31**	1

[1] no dismantling protection possible



KNX radio wall-transmitter 2gang flat solar quicklink

Operating voltage	3 V=
Number of radio channels	4
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio protocol	KNX Radio
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Transmitter duty cycle	1 %
Receiver category	2
Required Ø brightness	at least 300 lx 6 h/day
Operating temperature	-5 ... +45 °C
Assembling height	14 mm

For radio remote control of all assigned KNX radio receivers.

- with configuration button
- with configuration LED
- with transmission status and battery status LED, red/green/orange
- operating areas configurable as one or two-area operation
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value
- reset function (to factory setting)
- top and bottom operating areas are freely configurable
- toolless quicklink configuration using buttons and LED display
- power supply via solar cells
- with anti-dismantling protection
- for flat surface mounting and extension of combinations
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system

i 918



DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	* **8565 61 82**	1
polar white glossy	* **8565 61 89**	1
polar white matt	* **8565 61 88**	1
anthracite matt	* **8565 61 85**	1
aluminium, matt, lacquered	* **8565 61 83**	1



Berker R.1/R.3		
polar white glossy	**8565 61 39**	1
black glossy	**8565 61 31**	1

SENSORS



KNX radio brightness sensor

Operating voltage	3 V=
Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio protocol	KNX Radio
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Transmitter duty cycle	1 %
Receiver category	2
Sun setting range	≈ 1 ... 10 klx
Twilight setting range	≈ 10 ... 300 lx
Battery service life [years]	≈ 4
Operating temperature	+0 ... +50 °C
Fibre optic cable, sensor cable length	≈ 1.5 m
Dimensions (L x W x H)	138 x 26 x 31 mm

- with configuration button
- with 2 potentiometers for sun/twilight and LED display for actual value
- with configuration LED
- quicklink functions: up/down push-button
- ETS additional functions: button function, battery condition
- reset function (to factory setting)
- toolless quicklink configuration using buttons and LED display
- with 2 Micro, alkaline batteries AAA LR03
- with photodiode
- with adhesive pads and adhesive cable clips for fastening
- confectioned, with fibre-optic cable and plug
- for suction cover to window pane
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system

SUITABLE FOR	ORDER NO.	PAGE
KNX radio blind button quicklink	8524 51 ..	748
KNX radio blind time switch quicklink	8574 51 ..	749

i 918

DESIGN	ORDER NO.	PU
polar white matt	**8580 11 00**	1



KNX radio magnetic contact

Operating voltage	3 V=
Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio protocol	KNX Radio
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Transmitter duty cycle	1 %
Receiver category	2
Battery service life [years]	≈ 4
Operating temperature	+0 ... +50 °C
Distance to magnet	max. 5 mm
Dimensions (L x W x H)	138 x 26 x 31 mm

- with configuration button
- with configuration LED
- with transmission status, battery status and control LEDs
- quicklink functions: switching, blind, 2 scenes, time switching, NO contact push-button, forced control
- ETS additional functions: value, delay time, button function, battery condition
- reset function (to factory setting)
- toolless quicklink configuration using buttons and LED display
- with 2 Micro, alkaline batteries AAA LR03
- with adhesive pads for fastening
- with adapters for magnet height compensation
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- with additional screw terminals for wired reed contacts

i 918

DESIGN	ORDER NO.	PU
polar white matt	**8580 12 00**	1



BINARY INPUTS



KNX radio binary input 2gang flush-mounted

Operating voltage	3 V=
Input scanning voltage	per channel 5 V
Number of radio channels	2
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio protocol	KNX Radio
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Transmitter duty cycle	1 %
Receiver category	2
Pulse time	min. 50 ms
Battery service life [years]	≈ 5
Operating temperature	-5 ... +45 °C
Line length	20 cm
Binary cable length, extendable to	max. 10 m
Dimensions (Ø x H)	51 x 16 mm

- low intrinsic energy requirement
- with configuration button
- with configuration LED
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory, forced control, up/down push-button
- ETS additional functions: +6 scenes, operating mode on/off, 1 up/down button control, push-button, 2 x alarm, status display
- reset function (to factory setting)
- activation, for example through switches, push-buttons, timers, blind timer switches, magnetic contact
- toolless quicklink configuration using buttons and LED display
- not dependent on mains power
- with lithium battery 3 V type: CR 1/2 AA
- confectioned, with 4-core cable
- for installation behind flush-mounted inserts
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- with 2 independent battery-supplied binary inputs for potential-free contacts

SUITABLE FOR	ORDER NO.	PAGE
Berker TS Crystal		page 547
Push-button, NO contact	1811 1 ..	546
Crystal Ball	1685 78	548

i 918

DESIGN	ORDER NO.	PU
light grey	**8587 61 00**	1



KNX radio binary input 2gang flush-mounted 230 V

Operating voltage	230 V~
Frequency	50/60 Hz
Input scanning voltage	per channel 5 V
Number of radio channels	2
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio protocol	KNX Radio
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Transmitter duty cycle	1 %
Receiver category	2
Pulse time	min. 50 ms
Operating temperature	-5 ... +45 °C
Line length	20 cm
Conductor cross-section	0.75 mm² ... 2.5 mm²
Binary cable length, extendable to	max. 10 m
Dimensions (Ø x H)	53 x 27 mm

- low intrinsic energy requirement
- with configuration button
- with configuration LED
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory, forced control, up/down push-button
- ETS additional functions: +6 scenes, operating mode on/off, 1 up/down button control, push-button, 2 x alarm, status display
- reset function (to factory setting)
- Activation, for example, through switch, push-button, wind sensor, precipitation sensor, time switch
- toolless quicklink configuration using buttons and LED display
- with 2 independent, mains supplied, binary inputs for potential-free contacts
- confectioned, with 4-core cable
- for installation behind flush-mounted inserts
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- with screw-in lift terminals

i 918

DESIGN	ORDER NO.	PU
light grey	**8587 62 00**	1

SWITCH ACTUATORS



IP55

KNX radio switch actuator 1gang surface-mounted

Operating voltage	230 V~
Frequency	50 Hz
Switching current	10 A/230 V AC1
230 V incandescent lamps and halogen lamps	1500 W
Fluorescent lamps:	
- uncompensated	600 VA
- with electronical ballast (EB)	6 x 58 W
Compact fluorescent lamps	6 x 18 W
Conventional transformers	600 VA
Electronic transformers	600 W
Number of quicklink links	max. 20 transmitter/receiver
Radio reception frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Operating temperature	-10 ... +55 °C
Dimensions (L x W x H)	150 x 85 x 35 mm

- low intrinsic energy requirement
- with control LED for On/Off
- with manual operation on/off
- quicklink functions: switching, 2 scenes, time switching, NO contact push-button, forced control
- ETS additional functions: +6 scenes, operating mode on/off, status display
- repeat function can be activated to increase the radio range
- reset function (to factory setting)
- scene opening via KNX radio appliances
- scene saving lockable
- toolless quicklink configuration using buttons and LED display
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- with mounting plates and strain reliefs
- with screw-in lift terminals

i 918

DESIGN	ORDER NO.	PU
white	**8516 51 00**	1



IP55

KNX radio switch actuator 2gang surface-mounted

Operating voltage	230 V~
Frequency	50 Hz
Switching current	10 A/230 V AC1
230 V incandescent lamps and halogen lamps	per channel 1500 W
Fluorescent lamps:	
- uncompensated	per channel 600 VA
- with electronical ballast (EB)	per channel 6 x 58 W
Compact fluorescent lamps	18 W
Conventional transformers	600 VA
Electronic transformers	per channel 600 W
Number of quicklink links	max. 20 transmitter/receiver
Radio reception frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Operating temperature	-10 ... +55 °C
Dimensions (L x W x H)	150 x 85 x 35 mm

- low intrinsic energy requirement
- with control LED for On/Off
- with manual operation on/off per channel
- quicklink functions: switching, 2 scenes, time switching, NO contact push-button, forced control
- ETS additional functions: +6 scenes, operating mode on/off, status display
- repeat function can be activated to increase the radio range
- reset function (to factory setting)
- scene opening via KNX radio appliances
- scene saving lockable
- toolless quicklink configuration using buttons and LED display
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- with mounting plates and strain reliefs
- with screw-in lift terminals

i 918

DESIGN	ORDER NO.	PU
white	**8516 61 00**	1



KNX radio switch actuator for plugs

Operating voltage	230 V~
Frequency	50 Hz
Switching current	16 A
230 V incandescent lamps and halogen lamps	2300 W
Fluorescent lamps	28 x 36 W, max. 120 µF
Conventional transformers	1600 VA
Electronic transformers and dual-mode transformers	1200 W
Number of quicklink links	max. 20 transmitter/receiver
Radio reception frequency	868.3 MHz
Radio protocol	KNX Radio
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Transmitter duty cycle	1 %
Receiver category	2
Operating temperature	+0 ... +45 °C
Dimensions (W x H x D)	98 x 54 x 77 mm
Assembling height	41 mm

- low intrinsic energy requirement
- with configuration and function button
- with configuration and function LEDs
- with control LED for On/Off
- with manual operation on/off
- quicklink functions: switching, 2 scenes, time switching, NO contact push-button
- ETS additional functions: +6 scenes, operating mode on/off, forced control, status display
- repeat function can be activated to increase the radio range
- reset function (to factory setting)
- scene opening via KNX radio appliances
- scene saving lockable
- toolless quicklink configuration using buttons and LED display
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system

i 918

For remote-controlled switching of electrical loads.

DESIGN	ORDER NO.	PU
polar white matt	**8510 51 00**	1



IP55

KNX radio switch actuator 1gang/binary input 1gang surface-mounted

Operating voltage	230 V~
Frequency	50 Hz
Input scanning voltage	5 V
Switching current	10 A / 230 V AC1
230 V incandescent lamps and halogen lamps	1500 W
Fluorescent lamps:	
- uncompensated	600 VA
- with electronical ballast (EB)	6 x 58 W
Compact fluorescent lamps	6 x 18 W
Conventional transformers	600 VA
Electronic transformers	600 W
Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission/reception frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio protocol	KNX Radio
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Transmitter duty cycle	1 %
Receiver category	2
Operating temperature	-10 ... +55 °C
Binary cable length	max. 5 m
Dimensions (L x W x H)	150 x 85 x 35 mm

- low intrinsic energy requirement
- with configuration and function button
- with configuration and function LEDs
- with transmission status and control LED for On/Off
- with manual operation on/off
- quicklink functions: switching, 2 scenes, time switching, NO contact push-button, forced control
- ETS additional functions: +6 scenes, operating mode on/off, 1 up/down button control, push-button, 2 x alarm, status display
- repeat function can be activated to increase the radio range
- reset function (to factory setting)
- Activation, for example through switch, push-buttons, timer
- scene opening via KNX radio appliances
- scene saving lockable
- toolless quicklink configuration using buttons and LED display
- with independent, mains supplied, binary input for potential-free contact
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- with mounting plates and strain reliefs
- with screw-in lift terminals

i 918

DESIGN	ORDER NO.	PU
white	**8586 51 00**	1





KNX radio switch actuator 1gang/binary input 1gang flush-mounted

Operating voltage	230 V~
Frequency	50 Hz
Input scanning voltage	5 V
Switching current	10 A/230 V AC1
230 V incandescent lamps and halogen lamps	1500 W
Fluorescent lamps:	
- parallel compensated	11x 36 W /47 µF
Conventional transformers	800 VA
Electronic transformers	600 W
Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission/reception frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio protocol	KNX Radio
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Transmitter duty cycle	1 %
Receiver category	2
Operating temperature	+0 ... +45 °C
Binary cable length	≈ 20 cm
Binary cable length, extendable to	max. 5 m
Dimensions, sensor (Ø x H)	53 x 30 mm

- low intrinsic energy requirement
- with configuration and function button
- with configuration and function LEDs
- with transmission status and control LED for On/Off
- quicklink functions: switching, 2 scenes, time switching, NO contact push-button, forced control
- ETS additional functions: +6 scenes, operating mode on/off, 1 up/down button control, push-button, 2 x alarm, status display
- ETS additional function: repeater function
- reset function (to factory setting)
- Activation, for example through switch, push-buttons, timer
- scene opening via KNX radio appliances
- scene saving lockable
- toolless quicklink configuration using buttons and LED display
- with independent, mains supplied, binary input for potential-free contact
- confectioned, with 2-core cable
- for installation behind flush-mounted inserts
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- with screw-in lift terminals

i 918

DESIGN	ORDER NO.	PU
white	**8587 51 00**	1

DIM ACTUATORS



KNX radio universal dim actuator 1gang flush-mounted

Operating voltage	230 V~
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	20 ... 200 W
Conventional transformers	20 VA
Conventional transformers	20 ... 200 VA
Electronic transformers	20 ... 200 W
Number of quicklink links	max. 20 transmitter/receiver
Radio reception frequency	868.3 MHz
Radio protocol	KNX Radio
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Transmitter duty cycle	1 %
Receiver category	2
Operating temperature	+0 ... +45 °C
Dimensions (Ø x H)	56 x 38 mm

- low intrinsic energy requirement
- with configuration and function button
- with configuration and function LEDs
- with control LED for On/Off
- phase cut-on or cut-off according to load type, self-learning
- quicklink functions: dimming, 2 scenes, time switching, NO contact push-button
- ETS additional functions: +6 scenes, operating mode on/off, dimming value, forced control, status display, brightness display, repeater function
- reset function (to factory setting)
- bulb-preserving soft startup
- scene opening via KNX radio appliances
- scene saving lockable
- toolless quicklink configuration using buttons and LED display
- short-circuit and overload proof (electronic fuse)
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- with screw-in lift terminals

i 918

DESIGN	ORDER NO.	PU
light grey	**8547 51 00**	1

BLIND ACTUATORS



KNX radio blind actuator 1gang surface-mounted

Operating voltage	230 V~
Frequency	50 Hz
Switching current	10 A / 230 V AC1
Number of quicklink links	max. 20 transmitter/receiver
Radio reception frequency	868.3 MHz
Radio protocol	KNX Radio
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Transmitter duty cycle	1 %
Receiver category	2
Change-over time for change of direction	< 0.6 s
Lamella adjustment on signal duration	< 1 s
Operating temperature	-10 ... +55 °C
Dimensions (L x W x H)	150 x 85 x 35 mm

- low intrinsic energy requirement
- with configuration and function button
- with configuration and function LEDs
- with control LED (relay closed)
- with manual operation up/down
- quicklink functions: blind, 2 scenes, forced control, up/down push-button
- ETS additional functions: +6 scenes, operating mode, status display, 2 x alarm
- repeat function can be activated to increase the radio range
- reset function (to factory setting)
- scene opening via KNX radio appliances
- scene saving lockable
- toolless quicklink configuration using buttons and LED display
- with 2 mechanically and electrically mutually-locked relay contacts
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- with mounting plates and strain reliefs
- with screw-in lift terminals

i 918

DESIGN	ORDER NO.	PU
white	**8526 51 00**	1



KNX radio blind actuator 1gang/binary input 2gang flush-mounted

Operating voltage	230 V~
Frequency	50 Hz
Input scanning voltage	per channel 5 V
Switching current	6 A / 230 V AC1
Switching current	6 A/230 V AC1
Number of radio channels	2
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission/reception frequency	868.3 MHz
Radio transmission power	< 10 mW
Radio protocol	KNX Radio
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Transmitter duty cycle	1 %
Receiver category	2
Change-over time for change of direction	< 0.6 s
Lamella adjustment on signal duration	< 1 s
Operating temperature	+0 ... +45 °C
Conductor cross-section	0.75 mm² ... 2.5 mm²
Binary cable length	≈ 20 cm
Binary cable length, extendable to	max. 5 m
Dimensions (Ø x H)	53 x 27 mm

- low intrinsic energy requirement
- with configuration and function button
- with configuration and function LEDs
- with control LED (relay closed)
- with manual operation up/down
- quicklink functions: blind, 2 scenes, forced control, up/down push-button
- ETS additional functions: +6 scenes, operating mode, 1 up/down button control, 2 x alarm, status display
- ETS additional function: repeater function
- reset function (to factory setting)
- Activation, for example through switch, push-button, timer, blind timer switch
- scene opening via KNX radio appliances
- scene saving lockable
- toolless quicklink configuration using buttons and LED display
- with 2 independent, mains supplied, binary inputs for potential-free contacts
- with 2 mechanically and electrically mutually-locked relay contacts
- for installation behind flush-mounted inserts
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- with 2 independent battery-supplied binary inputs for potential-free contacts
- with screw-in lift terminals

i 918

DESIGN	ORDER NO.	PU
light grey	**8527 51 00**	1

POWER SUPPLY FOR KNX RADIO APPLICATION MODULES



Mains insert for KNX radio application module

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.1 W
Operating temperature	-5 ... +45 °C
Screw terminals	max. 1 x 4/2 x 2,5 mm²
Insertion depth	22 mm
Housing installation depth	32 mm (claw guide)

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

- low intrinsic energy requirement
- as supply for radio application modules
- no conductive connection between supporting ring and spreading claws
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
KNX radio buttons for switches/dimmers		page 737
KNX radio motion detector application modules		page 744
KNX radio blind covers		page 748
KNX radio timer quicklink	8574 52 ..	741

i 918

DESIGN	ORDER NO.	PU
Mains insert for KNX radio application module	**8502 01 00**	1

GATEWAYS



KNX radio/TP gateway surface-mounted

Operating voltage over bus	30 V=
Number of radio channel inputs	max. 512
Number of radio channel outputs	max. 512
Number of KNX radio device	max. 256/system
Radio transmission frequency	868.3 MHz
Radio transmission power	< 25 mW
Radio protocol	KNX Radio
Radio transmission range (building)	max. 30 m
Radio transmission range (free field)	max. 100 m
Transmitter duty cycle	1 %
Receiver category	2
Operating temperature	+0 ... +45 °C
Dimensions (W x H x D)	77 x 203 x 26.5 mm

As line coupler for expansion of a KNX system with a KNX radio lead.

As programming interface: in purely KNX radio systems, the surface-mounted KNX radio/TP gateway can be removed after parameterisation.

Interface between KNX twisted pair products and KNX radio products.

- low intrinsic energy requirement
- status indication using 2-digit red LED display
- large scope of functions of the KNX radio appliances through parameterisation with ETS
- with drilling template, fastening material, strain reliefs and connecting terminal
- bus connection via connecting terminal

i 918

DESIGN	ORDER NO.	PU
polar white matt	**8505 01 00**	1


B.IQ
S.1
B.3
Q.1
K.5

PUSH-BUTTONS STANDARD AND COMFORT RANGES	764-777
PUSH-BUTTON WITH BUS COUPLING UNIT	777-791
BERKER R.1/R.3 - PUSH-BUTTONS/ TOUCH SENSORS	791-797
BERKER B.IQ	797-805
BERKER TS SENSOR	805-809
VISUALISATIONS	810-814
KNX ENOCEAN	814-815

There are devices which want to show everyone, all the time, what they can do. And there are those all-rounders, who hide their technical perfection and spacious insert width behind a discreet surface. These include our KNX control sections, which can be integrated easily into our switch range using simply their design or using a frame.

- Convenience functions such as centralised operation of all lights in the house and garden, simultaneous activation of lights and blinds in light scenes or central switching-off of all electrical consumers when leaving the house
- Needs-oriented single-room and time-dependent temperature control
- Central display and operating elements to control lighting, blinds or heating/air conditioning
- Control of audio and video
- KNX push-button sensors and covers available in the standard and comfort range designs
- Integration into other systems, such as IP or KNX Radio
- Exclusive design solutions, such as Berker B.IQ or Berker TS Sensor, which can be integrated into other switch programs
- Individually-designable visualisation solutions using touch displays, to provide the maximum of operating comfort

PUSH-BUTTONS STANDARD AND COMFORT RANGES



Bus coupling unit flush-mounted

Operating voltage over bus	21 ... 32 V=
Power consumption, KNX	≈ 100 mW
Operating temperature	-5 ... +45 °C
Insertion depth	23 mm

- with programming button and red programming LED
- as interface between KNX user module and bus line
- bus connection via connecting terminal
- without spreader claws

SUITABLE FOR	ORDER NO.	PAGE
optional		
Protective cover	7500 00 07	859
Blind plug for bus coupling unit	7594 02 ..	858

DESIGN	ORDER NO.	PU
Bus coupling unit flush-mounted	**7504 00 01**	1

Berker S.1/B.3/B.7, K.1/K.5 - push-buttons

- For switch, push-button, dimmer and shutter functions
- Extension unit for light scene push-button
- With dismantling protection



Push-button 1gang comfort

- Labelling field
- Horizontal operation



Operating temperature	-5 ... +45 °C

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- with white operation LED and 2 red status LEDs
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764



DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7516 17 80**	1
for anthracite and aluminium [1]	**7516 17 85**	1
Berker K.1/K.5		
polar white [2]	**7516 17 70**	1
anthracite [2]	**7516 17 75**	1
aluminium [2]	**7516 17 74**	1
stainless steel [2]	**7516 17 73**	1

[1] labelling field length (W x H): 52.3 x 52.3 mm
[2] labelling field length (W x H): 66.8 x 52.8 mm



Push-button 2gang comfort

- Labelling fields
- Horizontal operation



Operating temperature	-5 ... +45 °C

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- with white operation LED and 4 red status LEDs
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764



DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7516 27 80**	1
for anthracite and aluminium [1]	**7516 27 85**	1
Berker K.1/K.5		
polar white [2]	**7516 27 70**	1
anthracite [2]	**7516 27 75**	1
aluminium [2]	**7516 27 74**	1
stainless steel [2]	**7516 27 73**	1

[1] labelling field length (W x H): 52.3 x 24.9 mm
[2] labelling field length (W x H): 66.8 x 25 mm



Push-button 3gang comfort

- Labelling fields
- Horizontal operation

Operating temperature -5 ... +45 °C

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- with white operation LED and 6 red status LEDs
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764



DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7516 37 80**	1
for anthracite and aluminium [1]	**7516 37 85**	1
Berker K.1/K.5		
polar white [2]	**7516 37 70**	1
anthracite [2]	**7516 37 75**	1
aluminium [2]	**7516 37 74**	1
stainless steel [2]	**7516 37 73**	1

[1] labelling field length (W x H): 52.3 x 15.6 mm
[2] labelling field length (W x H): 66.8 x 15.7 mm



Push-button 4gang comfort

- Labelling fields
- Horizontal operation

Operating temperature -5 ... +45 °C

Use only in combination with frame frame with large cut-out.

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- lockable via 3-button actuation
- second operating level via object or 3-button handle
- with white operation LED and 8 red status LEDs
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764



DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7516 47 80**	1
for anthracite and aluminium [1]	**7516 47 85**	1
Berker K.1/K.5		
polar white [2]	**7516 47 70**	1
anthracite [2]	**7516 47 75**	1
aluminium [2]	**7516 47 74**	1
stainless steel [2]	**7516 47 73**	1

[1] labelling field length (W x H): 52.3 x 24.9 mm
[2] labelling field length (W x H): 66.8 x 25 mm



Push-button 1gang

- Labelling field
- Horizontal operation

Operating temperature -5 ... +45 °C

- with white operation LED and 2 red status LEDs
- dimming / position value transmitter 1 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764



DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7516 13 80**	1
for anthracite and aluminium [1]	**7516 13 85**	1
Berker K.1/K.5		
polar white [2]	**7516 13 70**	1
anthracite [2]	**7516 13 75**	1
aluminium [2]	**7516 13 74**	1
stainless steel [2]	**7516 13 73**	1

[1] labelling field length (W x H): 52.3 x 52.3 mm
[2] labelling field length (W x H): 66.8 x 52.8 mm



Push-button 2gang

- **Labelling fields**
- **Horizontal operation**



Operating temperature -5 ... +45 °C

- with white operation LED and 4 red status LEDs
- dimming / position value transmitter 1 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764



DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7516 23 80**	1
for anthracite and aluminium [1]	**7516 23 85**	1
Berker K.1/K.5		
polar white [2]	**7516 23 70**	1
anthracite [2]	**7516 23 75**	1
aluminium [2]	**7516 23 74**	1
stainless steel [2]	**7516 23 73**	1

[1] labelling field length (W x H): 52.3 x 24.9 mm
[2] labelling field length (W x H): 66.8 x 25 mm



Push-button 3gang

- **Labelling fields**
- **Horizontal operation**



Operating temperature -5 ... +45 °C

- with white operation LED and 6 red status LEDs
- dimming / position value transmitter 1 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764



DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7516 33 80**	1
for anthracite and aluminium [1]	**7516 33 85**	1
Berker K.1/K.5		
polar white [2]	**7516 33 70**	1
anthracite [2]	**7516 33 75**	1
aluminium [2]	**7516 33 74**	1
stainless steel [2]	**7516 33 73**	1

[1] labelling field length (W x H): 52.3 x 15.6 mm
[2] labelling field length (W x H): 66.8 x 15.7 mm



Push-button 4gang

- **Labelling fields**
- **Horizontal operation**



Operating temperature -5 ... +45 °C

Use only in combination with frame frame with large cut-out.

- with white operation LED and 8 red status LEDs
- dimming / position value transmitter 1 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764



DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7516 43 80**	1
for anthracite and aluminium [1]	**7516 43 85**	1
Berker K.1/K.5		
polar white [2]	**7516 43 70**	1
anthracite [2]	**7516 43 75**	1
aluminium [2]	**7516 43 74**	1
stainless steel [2]	**7516 43 73**	1

[1] labelling field length (W x H): 52.3 x 24.9 mm
[2] labelling field length (W x H): 66.8 x 25 mm

Berker S.1/B.3/B.7, K.1/K.5 - push-buttons for light scenes



Push-button 4gang for light scenes

- **Labelling fields**
- **Horizontal operation**

Number of load groups (increase on cascading)	8
Light scenes	max. 8
Operating temperature	-5 ... +45 °C
Assembling height - plastic version	15 mm
Labelling field length (W x H)	52.3 x 24.9 mm

Use only in combination with frame frame with large cut-out.

- retrieval, adjustment and storage of 8 light scenes
- light scene push-buttons can be cascaded
- with white operation LED and 8 red status LEDs
- second operating level for setting load groups via 3-button actuation
- dimming / position value transmitter 1 byte
- for bus coupling unit flush-mounted
- with anti-dismantling protection

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7516 88 80**	1
for anthracite and aluminium [1]	**7516 88 85**	1
Berker K.1/K.5		
polar white [2]	**7516 88 70**	1
anthracite [2]	**7516 88 75**	1
aluminium [2]	**7516 88 74**	1
stainless steel [2]	**7516 88 73**	1



[1] labelling field length (W x H): 52.3 x 24.9 mm
[2] labelling field length (W x H): 66.8 x 25 mm

Berker S.1/B.3/B.7, K.1/K.5 - push-buttons with thermostat

- For switch, push-button, dimmer, blind and thermostat functions
- Single and two push-button operation parameterisable
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- For individual single room temperature control
- For heating and/or cooling mode with/without auxiliary step
- Controller operating modes: comfort, standby, night and frost/heat protection mode
- LC display with symbol display
- With 2 additional function buttons for display control
- Display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- Temperature measurement via internal and/or external temperature sensor with mean value formation
- With room temperature timer
- For installation in single standard wall boxes
- For continuous (PI) or switched (2-point) control of max. 2 control circuits
- With dismantling protection
- With button blocking function
- End customer display scope parameterisable
- Separate object for window contact
- Programmable from ETS2, V1.2a
- Alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- Presence button parameterisable to extend comfort
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte



Push-button 2gang with thermostat

- **Labelling fields**
- **Display**

Operating temperature	-5 ... +45 °C

- with white operation LED and 4 red status LEDs

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7566 27 80**	1
for anthracite and aluminium [1]	**7566 27 85**	1



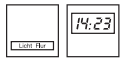
Berker K.1/K.5		
polar white [2]	**7566 27 70**	1
anthracite [2]	**7566 27 75**	1
aluminium [2]	**7566 27 74**	1
stainless steel [2]	**7566 27 73**	1

[1] labelling field length (W x H): 52.3 x 15.6 mm
[2] labelling field length (W x H): 66.8 x 15.7 mm



Push-button 3gang with thermostat

- **Labelling fields**
- **Display**



Operating temperature -5 ... +45 °C

Use only in combination with frame frame with large cut-out.

■ with white operation LED and 6 red status LEDs

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764



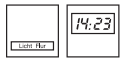
DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7566 37 80**	1
for anthracite and aluminium [1]	**7566 37 85**	1
Berker K.1/K.5		
polar white [2]	**7566 37 70**	1
anthracite [2]	**7566 37 75**	1
aluminium [2]	**7566 37 74**	1
stainless steel [2]	**7566 37 73**	1

[1] labelling field length (W x H): 52.3 x 24.9 mm
[2] labelling field length (W x H): 66.8 x 25 mm



Push-button 5gang with thermostat

- **Labelling fields**
- **Display**



Operating temperature -5 ... +45 °C

Use only in combination with frame frame with large cut-out.

■ with white operation LED and 10 red status LEDs

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764



DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7566 57 80**	1
for anthracite and aluminium [1]	**7566 57 85**	1
Berker K.1/K.5		
polar white [2]	**7566 57 70**	1
anthracite [2]	**7566 57 75**	1
aluminium [2]	**7566 57 74**	1
stainless steel [2]	**7566 57 73**	1

[1] labelling field length (W x H): 52.3 x 15.6 mm
[2] labelling field length (W x H): 66.8 x 15.7 mm

Berker S.1/B.3/B.7, Arsys - push-buttons

- For switch, push-button, dimmer and shutter functions
- Extension unit for light scene push-button
- With dismantling protection



Push-button 1gang comfort

- Labelling field
- Vertical operation

Operating temperature -5 ... +45 °C

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- with green operation LED and 2 red status LEDs
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764



DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
polar white matt	# **7516 16 89**	1
anthracite matt	# **7516 16 85**	1
aluminium matt, lacquered	# **7516 16 83**	1
Berker Arsys		
white glossy	**7516 16 42**	1
polar white glossy	**7516 16 49**	1
light bronze matt, lacquered	**7516 16 44**	1
stainless steel matt, lacquered	**7516 16 43**	1



Push-button 2gang comfort

- Labelling field
- Vertical operation

Operating temperature -5 ... +45 °C

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- with green operation LED and 4 red status LEDs
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764



DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
polar white matt	# **7516 26 89**	1
anthracite matt	# **7516 26 85**	1
aluminium matt, lacquered	# **7516 26 83**	1
Berker Arsys		
white glossy	**7516 26 42**	1
polar white glossy	**7516 26 49**	1
light bronze matt, lacquered	**7516 26 44**	1
stainless steel matt, lacquered	**7516 26 43**	1



Push-button 4gang comfort

- Labelling field
- Vertical operation

Operating temperature -5 ... +45 °C

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- lockable via 3-button actuation
- second operating level via object or 3-button handle
- with green operation LED and 8 red status LEDs
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
polar white matt	# **7516 46 89**	1
anthracite matt	# **7516 46 85**	1
aluminium, matt, lacquered	# **7516 46 83**	1



Berker Arsys		
white glossy	**7516 46 42**	1
polar white glossy	**7516 46 49**	1
light bronze matt, lacquered	**7516 46 44**	1
stainless steel matt, lacquered	**7516 46 43**	1



Push-button 1gang

Operating temperature -5 ... +45 °C ■ dimming / position value transmitter 1 byte

Application as 7516 10..

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764



DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
polar white matt	# **7516 11 89**	1
anthracite matt	# **7516 11 85**	1
aluminium matt, lacquered	# **7516 11 83**	1
Berker Arsys		
white glossy	**7516 11 42**	1
polar white glossy	**7516 11 49**	1
light bronze matt, lacquered	**7516 11 44**	1
stainless steel matt, lacquered	**7516 11 43**	1



Push-button 2gang

Operating temperature -5 ... +45 °C ■ dimming / position value transmitter 1 byte

Application as 7516 20..

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764



DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
polar white matt	# **7516 21 89**	1
anthracite matt	# **7516 21 85**	1
aluminium, matt, lacquered	# **7516 21 83**	1
Berker Arsys		
white glossy	**7516 21 42**	1
polar white glossy	**7516 21 49**	1
light bronze matt, lacquered	**7516 21 44**	1
stainless steel matt, lacquered	**7516 21 43**	1



Push-button 4gang

Operating temperature -5 ... +45 °C ■ dimming / position value transmitter 1 byte

Application as 7516 40..

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764

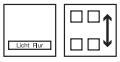


DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
polar white matt	# **7516 41 89**	1
anthracite matt	# **7516 41 85**	1
aluminium, matt, lacquered	# **7516 41 83**	1
Berker Arsys		
white glossy	**7516 41 42**	1
polar white glossy	**7516 41 49**	1
light bronze matt, lacquered	**7516 41 44**	1
stainless steel matt, lacquered	**7516 41 43**	1



Push-button 1gang

- **Labelling field**
- **Vertical operation**



Operating temperature -5 ... +45 °C

- with green operation LED and red status LED
- dimming / position value transmitter 1 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764
replacement		
Labelling field	7596 00 0 ..	772

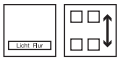


DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
polar white matt	# **7516 10 89**	1
anthracite matt	# **7516 10 85**	1
aluminium matt, lacquered	# **7516 10 83**	1
Berker Arsys		
white glossy	**7516 10 42**	1
polar white glossy	**7516 10 49**	1
light bronze matt, lacquered	**7516 10 44**	1
stainless steel matt, lacquered	**7516 10 43**	1



Push-button 2gang

- **Labelling field**
- **Vertical operation**



Operating temperature -5 ... +45 °C

- with green operation LED and 2 red status LEDs
- dimming / position value transmitter 1 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764
replacement		
Labelling field	7596 00 0 ..	772

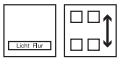


DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
polar white matt	# **7516 20 89**	1
anthracite matt	# **7516 20 85**	1
aluminium matt, lacquered	# **7516 20 83**	1
Berker Arsys		
white glossy	**7516 20 42**	1
polar white glossy	**7516 20 49**	1
light bronze matt, lacquered	**7516 20 44**	1
stainless steel matt, lacquered	**7516 20 43**	1



Push-button 4gang

- **Labelling field**
- **Vertical operation**



Operating temperature -5 ... +45 °C

- with green operation LED and 4 red status LEDs
- dimming / position value transmitter 1 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764
replacement		
Labelling field	7596 00 0 ..	772



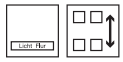
DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
polar white matt	# **7516 40 89**	1
anthracite matt	# **7516 40 85**	1
aluminium, matt, lacquered	# **7516 40 83**	1
Berker Arsys		
white glossy	**7516 40 42**	1
polar white glossy	**7516 40 49**	1
light bronze matt, lacquered	**7516 40 44**	1
stainless steel matt, lacquered	**7516 40 43**	1

Berker S.1/B.3/B.7, Arsys - push-buttons for light scenes



Push-button 4gang for light scenes

- Labelling field
- Vertical operation



Number of load groups (increase on cascading)	8
Light scenes	max. 8
Operating temperature	-5 ... +45 °C

The settings of the individual load groups (light scenes) can be varied by way of the second operating level.

- retrieval, adjustment and storage of 8 light scenes
- light scene push-buttons can be cascaded
- with green operation LED and 8 red status LEDs
- second operating level for setting load groups via 3-button actuation
- dimming / position value transmitter 1 byte
- with anti-dismantling protection

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764



DESIGN		ORDER NO.	PU
Berker S.1/B.3/B.7			
polar white matt	#	**7516 87 89**	1
anthracite matt	#	**7516 87 85**	1
aluminium matt, lacquered	#	**7516 87 83**	1
Berker Arsys			
white glossy		**7516 87 42**	1
polar white glossy		**7516 87 49**	1
light bronze matt, lacquered		**7516 87 44**	1
stainless steel matt, lacquered		**7516 87 43**	1

Berker S.1/B.3/B.7, Arsys - accessories



Labelling field

Not suitable for Comfort push-buttons and push-buttons for light scenes.

- replacement

SUITABLE FOR	ORDER NO.	PAGE
Push-button 1gang		page 771
Push-button 2gang		page 771
Push-button 4gang		page 771



DESIGN		ORDER NO.	PU
Berker S.1/B.3/B.7			
clear, transparent, for push-buttons, polar white	#	**7596 00 07**	1
smoked glass transparent, for push-buttons, anthracite	#	**7596 00 08**	1
clear, transparent, for push-buttons, aluminium	#	**7596 00 09**	1
Berker Arsys			
clear, transparent, for push-buttons, white		**7596 00 03**	1
clear, transparent, for push-buttons, polar white		**7596 00 06**	1
brown transparent, for push-buttons, light bronze		**7596 00 05**	1
grey transparent, for push-buttons, stainless steel		**7596 00 04**	1

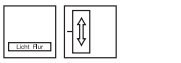
Berker Q.1/Q.3 - push-buttons with bus coupling unit

- For switch, push-button, dimmer and shutter functions
- Extension unit for light scene push-button
- With dismantling protection



Push-button 1gang comfort

- Labelling field
- integrated bus coupling unit



Operating temperature -5 ... +45 °C
Labelling field length (W x H) 56.4 x 56.4 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- retrieval, adjustment and storage of 8 light scenes
- usable as thermostat extension unit
- with white operation LED and 2 amber status LEDs
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

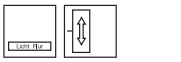
SUITABLE FOR	ORDER NO.	PAGE
replacement		
Labelling field foils for push-buttons 1gang	9498 29 01	776

DESIGN	ORDER NO.	PU
Berker Q.1/Q.3		
polar white velvety	**7514 13 29**	1
anthracite velvety	**7514 13 26**	1



Push-button 2gang comfort

- Labelling fields
- integrated bus coupling unit

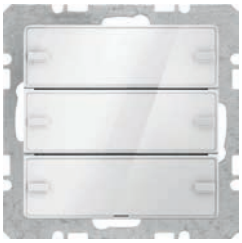


Operating temperature -5 ... +45 °C
Labelling field length (W x H) 56.4 x 26.8 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- retrieval, adjustment and storage of 8 light scenes
- usable as thermostat extension unit
- with white operation LED and 4 amber status LEDs
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

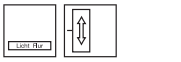
SUITABLE FOR	ORDER NO.	PAGE
replacement		
Labelling field foils for push-buttons 2gang, 3gang with thermostat	9498 30 02	776

DESIGN	ORDER NO.	PU
Berker Q.1/Q.3		
polar white velvety	**7514 23 29**	1
anthracite velvety	**7514 23 26**	1



Push-button 3gang comfort

- Labelling fields
- integrated bus coupling unit

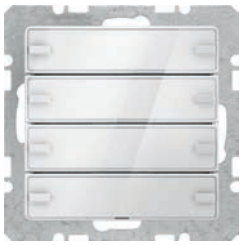


Operating temperature -5 ... +45 °C
Labelling field length (W x H) 56.4 x 17 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- retrieval, adjustment and storage of 8 light scenes
- usable as thermostat extension unit
- with white operation LED and 6 amber status LEDs
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

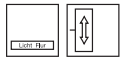
SUITABLE FOR	ORDER NO.	PAGE
replacement		
Labelling field foils for push-buttons 3gang, 2-/5gang with thermostat	9498 31 03	777

DESIGN	ORDER NO.	PU
Berker Q.1/Q.3		
polar white velvety	**7514 33 29**	1
anthracite velvety	**7514 33 26**	1



Push-button 4gang comfort

- Labelling fields
- integrated bus coupling unit



Operating temperature -5 ... +45 °C
Labelling field length (W x H) 56.4 x 12 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- retrieval, adjustment and storage of 8 light scenes
- usable as thermostat extension unit
- with white operation LED and 8 amber status LEDs
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

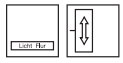
SUITABLE FOR	ORDER NO.	PAGE
replacement		
Labelling field foils for push-buttons 4gang	9498 32 04	777

DESIGN	ORDER NO.	PU
Berker Q.1/Q.3		
polar white velvety	**7514 43 29**	1
anthracite velvety	**7514 43 26**	1



Push-button 1gang

- Labelling field
- integrated bus coupling unit



Operating temperature -5 ... +45 °C
Labelling field length (W x H) 56.4 x 56.4 mm

- with white operation LED and 2 amber status LEDs
- dimming / position value transmitter 1 byte

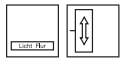
SUITABLE FOR	ORDER NO.	PAGE
replacement		
Labelling field foils for push-buttons 1gang	9498 29 01	776

DESIGN	ORDER NO.	PU
Berker Q.1/Q.3		
polar white velvety	**7514 12 29**	1
anthracite velvety	**7514 12 26**	1



Push-button 2gang

- Labelling fields
- integrated bus coupling unit

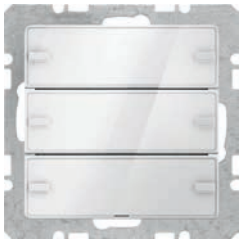


Operating temperature -5 ... +45 °C
Labelling field length (W x H) 56.4 x 26.8 mm

- with white operation LED and 4 amber status LEDs
- dimming / position value transmitter 1 byte

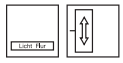
SUITABLE FOR	ORDER NO.	PAGE
replacement		
Labelling field foils for push-buttons 2gang, 3gang with thermostat	9498 30 02	776

DESIGN	ORDER NO.	PU
Berker Q.1/Q.3		
polar white velvety	**7514 22 29**	1
anthracite velvety	**7514 22 26**	1



Push-button 3gang

- Labelling fields
- integrated bus coupling unit



Operating temperature -5 ... +45 °C
Labelling field length (W x H) 56.4 x 17 mm

- with white operation LED and 6 amber status LEDs
- dimming / position value transmitter 1 byte

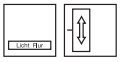
SUITABLE FOR	ORDER NO.	PAGE
replacement		
Labelling field foils for push-buttons 3gang, 2-/5gang with thermostat	9498 31 03	777

DESIGN	ORDER NO.	PU
Berker Q.1/Q.3		
polar white velvety	**7514 32 29**	1
anthracite velvety	**7514 32 26**	1



Push-button 4gang

- **Labelling fields**
- **integrated bus coupling unit**



Operating temperature	-5 ... +45 °C
Labelling field length (W x H)	56.4 x 12 mm

- with white operation LED and 8 amber status LEDs
- dimming / position value transmitter 1 byte

SUITABLE FOR	ORDER NO.	PAGE
replacement		
Labelling field foils for push-buttons 4gang	9498 32 04	777

DESIGN	ORDER NO.	PU
Berker Q.1/Q.3		
polar white velvety	**7514 42 29**	1
anthracite velvety	**7514 42 26**	1

Berker Q.1/Q.3 - push-buttons with thermostat and bus coupling unit

- For switch, push-button, dimmer, blind and thermostat functions
- Single and two push-button operation parameterisable
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- Retrieval, setting and storing of 8 light scenes
- For individual single room temperature control
- For heating and/or cooling mode with/without auxiliary step
- Controller operating modes: comfort, standby, night and frost/heat protection mode
- LC display with symbol display
- With 2 additional function buttons for display control
- Display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- Temperature measurement via internal and/or external temperature sensor with mean value formation
- With room temperature timer
- For installation in single standard wall boxes
- For continuous (PI) or switched (2-point) control of max. 2 control circuits
- With dismantling protection
- With button blocking function
- End customer display scope parameterisable
- Separate object for window contact
- Programmable from ETS2, V1.2a
- Alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- Presence button parameterisable to extend comfort
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte



Push-button 2gang with thermostat

- **Labelling fields**
- **Display**
- **integrated bus coupling unit**



Operating temperature	-5 ... +45 °C
Labelling field length (W x H)	56.4 x 17 mm

- with white operation LED and 4 amber status LEDs

SUITABLE FOR	ORDER NO.	PAGE
replacement		
Labelling field foils for push-buttons 3gang, 2-/5gang with thermostat	9498 31 03	777

DESIGN	ORDER NO.	PU
Berker Q.1/Q.3		
polar white velvety	**7566 27 29**	1
anthracite velvety	**7566 27 26**	1



Push-button 3gang with thermostat

- **Labelling fields**
- **Display**
- **integrated bus coupling unit**



Operating temperature -5 ... +45 °C
Labelling field length (W x H) 56.4 x 26.8 mm

Use only in combination with frame frame with large cut-out.

■ with white operation LED and 6 amber status LEDs

SUITABLE FOR	ORDER NO.	PAGE
replacement		
Labelling field foils for push-buttons 2gang, 3gang with thermostat	9498 30 02	776

DESIGN	ORDER NO.	PU
Berker Q.1/Q.3		
polar white velvety	**7566 37 29**	1
anthracite velvety	**7566 37 26**	1



Push-button 5gang with thermostat

- **Labelling fields**
- **Display**
- **integrated bus coupling unit**



Operating temperature -5 ... +45 °C
Labelling field length (W x H) 56.4 x 17 mm

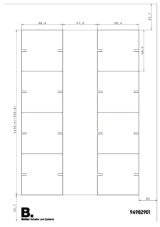
Use only in combination with frame frame with large cut-out.

■ with white operation LED and 10 amber status LEDs

SUITABLE FOR	ORDER NO.	PAGE
replacement		
Labelling field foils for push-buttons 3gang, 2-/5gang with thermostat	9498 31 03	777

DESIGN	ORDER NO.	PU
Berker Q.1/Q.3		
polar white velvety	**7566 57 29**	1
anthracite velvety	**7566 57 26**	1

Berker Q.1/Q.3 - accessories



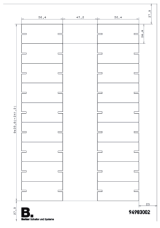
Labelling field foils for push-buttons 1gang

Suitable for inkjet and laser printers.
UV-resistant.
Template available as a download in Word format at www.berker.de.

■ foil with 8 fields

SUITABLE FOR	ORDER NO.	PAGE
Push-button 1gang	7514 12 2 ..	774
Push-button 1gang comfort	7514 13 2 ..	773

DESIGN	ORDER NO.	PU
polar white	**9498 29 01**	1



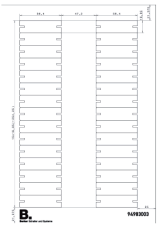
Labelling field foils for push-buttons 2gang, 3gang with thermostat

Suitable for inkjet and laser printers.
UV-resistant.
Template available as a download in Word format at www.berker.de.

■ foil with 18 fields

SUITABLE FOR	ORDER NO.	PAGE
Push-button 2gang	7514 22 2 ..	774
Push-button 2gang comfort	7514 23 2 ..	773
Push-button 3gang with thermostat	7566 37 2 ..	776

DESIGN	ORDER NO.	PU
polar white	**9498 30 02**	1



Labelling field foils for push-buttons 3gang, 2-/5gang with thermostat

Suitable for inkjet and laser printers.
UV-resistant.
Template available as a download in Word format at www.berker.de.

- foil with 30 fields

SUITABLE FOR	ORDER NO.	PAGE
Push-button 3gang	7514 32 2 ..	774
Push-button 3gang comfort	7514 33 2 ..	773
Push-button 2gang with thermostat	7566 27 2 ..	775
Push-button 5gang with thermostat	7566 57 2 ..	776

DESIGN	ORDER NO.	PU
polar white	**9498 31 03**	1



Labelling field foils for push-buttons 4gang

Suitable for inkjet and laser printers.
UV-resistant.
Template available as a download in Word format at www.berker.de.

- foil with 42 fields

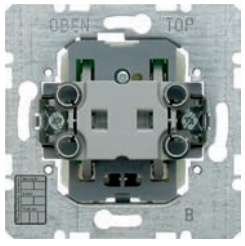
SUITABLE FOR	ORDER NO.	PAGE
Push-button 4gang	7514 42 2 ..	775
Push-button 4gang comfort	7514 43 2 ..	774

DESIGN	ORDER NO.	PU
polar white	**9498 32 04**	1

PUSH-BUTTONS WITH BUS COUPLING UNIT

Flush-mounted installation

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set, for WG UP IP44 with sealing flange, order no. 1884.



Push-button 1gang

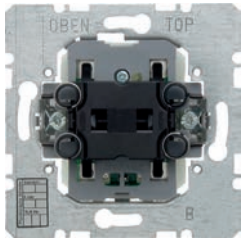
- integrated bus coupling unit

Operating voltage over bus	21 ... 32 V=
Power consumption, KNX	≈ 108 mW
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

- for switch and push-button functions
- with red programming LED and red status LED
- with programming button
- bus connection via connecting terminal

Use rockers from flush-mounted ranges.

DESIGN	ORDER NO.	PU
Push-button 1gang	**7514 10 00**	1



Group push-button 1gang

- integrated bus coupling unit

Operating voltage over bus	21 ... 32 V=
Power consumption, KNX	≈ 108 mW
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

- for switch, push-button, dimmer and shutter functions
- with neutral-position
- with red programming LED and red status LED
- with programming button
- bus connection via connecting terminal

Use rockers from flush-mounted ranges.

DESIGN	ORDER NO.	PU
Group push-button 1gang	**7514 11 00**	1



Rocker

	SUITABLE FOR	ORDER NO.	PAGE
	Push-button 1gang	7514 10 00	777
	Group push-button 1gang	7514 11 00	777

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1620 89 82**	10
polar white glossy	**1620 89 89**	10
polar white matt	**1620 19 09**	10
anthracite matt	**1620 16 06**	10
aluminium matt, lacquered	**1620 14 04**	10
polar white matt, Screw-on [1]	**1570 19 09**	10
anthracite matt, Screw-on [1]	**1570 16 06**	10
aluminium matt, lacquered, Screw-on [1]	**1570 14 04**	10



Berker Q.1/Q.3		
polar white velvety	**1620 60 89**	10
anthracite velvety, lacquered	**1620 60 86**	10



Berker K.1/K.5		
polar white glossy	**1405 70 09**	10
anthracite matt, lacquered	**1405 70 06**	10
Aluminium, aluminium anodised	**1405 70 03**	10
Stainless steel, metal matt finish	**1405 70 04**	10



Berker Arsys		
white glossy	**1405 00 02**	10
polar white glossy	**1405 00 69**	10
brown glossy	**1405 00 01**	10
light bronze matt, aluminium lacquered	**1404 00 01**	10
Stainless steel, metal matt finish	**1404 00 04**	10
gold matt, aluminium anodised	**1404 00 02**	10
Stainless steel, metal matt finish, Screw-on [1]	**1404 00 10**	10



Berker R.1/R.3		
polar white glossy	**1620 20 89**	10
black glossy	**1620 20 45**	10



Flush-mounted splash-protected IP44		
white glossy	**1550**	10
polar white glossy	**1550 09**	10
brown glossy	**1550 01**	10

[1] with cover plug for screw fitting



Rocker with imprint symbol

	SUITABLE FOR	ORDER NO.	PAGE
	Push-button 1gang	7514 10 00	777
	Group push-button 1gang	7514 11 00	777

DESIGN	ORDER NO.	PU
Berker Q.1/Q.3		
polar white velvety, with imprinted symbol for light	**1620 60 49**	10
anthracite velvety, lacquered, with imprinted symbol for light	**1620 60 46**	10
polar white velvety, with imprinted symbol for bell	**1620 60 59**	10
anthracite velvety, lacquered, with imprinted symbol for bell	**1620 60 56**	10
polar white velvety, with imprinted symbol for door opener	**1620 60 69**	10
anthracite velvety, lacquered, with imprinted symbol for door opener	**1620 60 66**	10



Berker R.1/R.3		
polar white glossy, with imprinted symbol for light	**1620 20 79**	10
black glossy, with imprinted symbol for light	**1620 20 35**	10
polar white glossy, with imprinted symbol for bell	**1620 20 69**	10
black glossy, with imprinted symbol for bell	**1620 20 25**	10
polar white glossy, with imprinted symbol for door opener	**1620 20 59**	10
black glossy, with imprinted symbol for door opener	**1620 20 15**	10



Rocker

- Labelling field

Light flux

SUITABLE FOR	ORDER NO.	PAGE
Push-button 1gang	7514 10 00	777
Group push-button 1gang	7514 11 00	777

For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1626 89 82**	10
polar white glossy	**1626 89 89**	10
polar white matt	**1626 19 09**	10
anthracite matt	**1626 16 06**	10
aluminium matt, lacquered	**1626 14 04**	10
Berker Q.1/Q.3		
polar white velvety	**1626 60 89**	10
anthracite velvety, lacquered	**1626 60 86**	10









Berker K.1/K.5		
polar white glossy	**1426 70 09**	10
anthracite matt, lacquered	**1426 70 06**	10
Aluminium, aluminium anodised	**1426 70 03**	10
Stainless steel, metal matt finish	**1426 70 04**	10
Berker Arsys		
white glossy	**1426 00 02**	10
polar white glossy	**1426 00 69**	10
brown glossy	**1426 00 01**	10
light bronze matt, aluminium lacquered	**1436 00 01**	10
Stainless steel, metal matt finish	**1436 00 04**	10
gold matt, aluminium anodised	**1436 00 02**	10
Flush-mounted splash-protected IP44		
white glossy [1)]	**1629**	10
polar white glossy [1)]	**1629 09**	10
brown glossy [1)]	**1629 01**	10

[1)] labelling field height arranged for 9 mm P-touch strips



Rocker

- Full-surface labelling field

GALERIE Oberlicht

SUITABLE FOR	ORDER NO.	PAGE
Push-button 1gang	7514 10 00	777
Group push-button 1gang	7514 11 00	777

For labelling with names, notes etc.

Labelling field height designed for two 24 mm P-touch strips.

DESIGN	ORDER NO.	PU
Berker Arsys		
clear, with white labelling field	**1487 00**	10



Rocker

- Lens

■ for illumination and monitoring circuit

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

SUITABLE FOR	ORDER NO.	PAGE
Push-button 1gang	7514 10 00	777
Group push-button 1gang	7514 11 00	777

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1621 89 82**	10
polar white glossy	**1621 89 89**	10
polar white matt	**1621 19 09**	10
anthracite matt	**1621 16 06**	10
aluminium matt, lacquered	**1621 14 04**	10
polar white matt, Screw-on [1]	**1572 19 09**	10
anthracite matt, Screw-on [1]	**1572 16 06**	10
aluminium matt, lacquered, Screw-on [1]	**1572 14 04**	10
Berker Q.1/Q.3		
polar white velvety [2]	**1621 60 89**	10
anthracite velvety, lacquered [2]	**1621 60 86**	10





Berker K.1/K.5		
polar white glossy	**1415 70 09**	10
anthracite matt, lacquered	**1415 70 06**	10
Aluminium, aluminium anodised	**1415 70 03**	10
Stainless steel, metal matt finish	**1415 70 04**	10



Berker Arsys		
white glossy	**1415 00 02**	10
polar white glossy	**1415 00 69**	10
brown glossy	**1415 00 01**	10
light bronze matt, aluminium lacquered	**1416 00 01**	10
Stainless steel, metal matt finish	**1416 00 04**	10
gold matt, aluminium anodised	**1416 00 02**	10
Stainless steel, metal matt finish, Screw-on [1]	**1414 00 10**	10
Berker R.1/R.3		
polar white glossy [3]	**1621 20 89**	10
black glossy [3]	**1621 20 45**	10





Flush-mounted splash-protected IP44		
white glossy	**1553**	10
polar white glossy	**1553 09**	10
brown glossy	**1553 11**	10

[1] with cover plug for screw fitting
[2] only orange and clear lenses enclosed
[3] with clear lens only



Rocker with imprinted symbol for light

- Lens

■ for illumination and monitoring circuit

Lenses available in orange and clear.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

SUITABLE FOR	ORDER NO.	PAGE
Push-button 1gang	7514 10 00	777
Group push-button 1gang	7514 11 00	777

DESIGN	ORDER NO.	PU
Berker Q.1/Q.3		
polar white velvety	**1621 60 79**	10
anthracite velvety, lacquered	**1621 60 76**	10



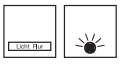
Berker R.1/R.3		
polar white glossy [1]	**1621 20 79**	10
black glossy [1]	**1621 20 35**	10

[1] with clear lens only



Rocker

- **Labelling field**
- **Lens**



For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

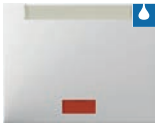
Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

■ for illumination and monitoring circuit

SUITABLE FOR	ORDER NO.	PAGE
Push-button 1gang	7514 10 00	777
Group push-button 1gang	7514 11 00	777

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1628 89 82**	10
polar white glossy	**1628 89 89**	10
polar white matt	**1628 19 09**	10
anthracite matt	**1628 16 06**	10
aluminium matt, lacquered	**1628 14 04**	10
Berker Q.1/Q.3		
polar white velvety [1]	**1628 60 89**	10
anthracite velvety, lacquered [1]	**1628 60 86**	10







Berker K.1/K.5		
polar white glossy [2]	**1415 71 09**	10
anthracite matt, lacquered [2]	**1415 71 06**	10
Aluminium, aluminium anodised [2]	**1415 71 03**	10
Stainless steel, metal matt finish [2]	**1415 71 04**	10
Berker Arsys		
white glossy	**1415 02 02**	10
polar white glossy	**1415 02 69**	10
brown glossy	**1415 02 01**	10
light bronze matt, aluminium lacquered	**1416 02 01**	10
Stainless steel, metal matt finish	**1416 02 04**	10

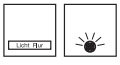
[1] only orange and clear lenses enclosed

[2] lenses with symbol for light, bell, door opener, also neutral in clear and red enclosed



Rocker with imprinted symbol for bell

- **Labelling field**
- **Lens**



For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

Lenses available in orange and clear.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

■ for illumination and monitoring circuit

SUITABLE FOR	ORDER NO.	PAGE
Push-button 1gang	7514 10 00	777
Group push-button 1gang	7514 11 00	777

DESIGN	ORDER NO.	PU
Berker Q.1/Q.3		
polar white velvety	**1628 60 79**	10
anthracite velvety, lacquered	**1628 60 76**	10



Rocker

- **Large labelling field**
- **Lens**

Licht Flur

Labelling field (W x H) ≈ 50.8 x 25.5 mm

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

■ for illumination and monitoring circuit

SUITABLE FOR	ORDER NO.	PAGE
Push-button 1gang	7514 10 00	777
Group push-button 1gang	7514 11 00	777

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy [1]	**1696 89 82**	10
polar white glossy [1]	**1696 89 89**	10
polar white matt [1]	**1696 19 09**	10
anthracite matt [1]	**1696 16 06**	10
aluminium matt, lacquered [1]	**1696 14 04**	10



Berker Q.1/Q.3		
polar white velvety [2]	**1696 60 89**	10
anthracite velvety, lacquered [2]	**1696 60 86**	10



Berker K.1/K.5		
polar white glossy [3]	**1496 70 09**	10
anthracite matt, lacquered [3]	**1496 70 06**	10
aluminium matt, lacquered [3]	**1496 70 03**	10
stainless steel matt, lacquered [3]	**1496 70 04**	10

[1] labelling field height arranged for two 12 mm P-touch strips
[2] labelling field height arranged for two 18 mm P-touch strips, only orange and clear lenses enclosed
[3] labelling field height arranged for two 9 mm P-touch strips



Rocker with imprinted symbol for bell

- **Large labelling field**
- **Lens**

Licht Flur

Labelling field (W x H) ≈ 54.8 x 42.8 mm

For labelling with names, notes etc.

Labelling field height designed for two 18 mm P-touch strips.

Lenses available in orange and clear.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

■ for illumination and monitoring circuit

SUITABLE FOR	ORDER NO.	PAGE
Push-button 1gang	7514 10 00	777
Group push-button 1gang	7514 11 00	777

DESIGN	ORDER NO.	PU
Berker Q.1/Q.3		
polar white velvety	**1696 60 79**	10
anthracite velvety, lacquered	**1696 60 76**	10



Rocker with imprint "0"

- Red lens

■ for illumination and monitoring circuit

SUITABLE FOR	ORDER NO.	PAGE
Group push-button 1gang	7514 11 00	777

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1624 89 82**	10
polar white glossy	**1624 89 89**	10
polar white matt	**1624 19 09**	10
anthracite matt	**1624 16 06**	10
aluminium matt, lacquered	**1624 14 04**	10
polar white matt, Screw-on [1]	**1577 19 09**	10
anthracite matt, Screw-on [1]	**1577 16 06**	10
aluminium matt, lacquered, Screw-on [1]	**1577 14 04**	10



Berker Q.1/Q.3		
polar white velvety [2]	**1624 60 89**	10
anthracite velvety, lacquered [2]	**1624 60 86**	10





Berker K.1/K.5		
polar white glossy	**1417 71 09**	10
anthracite matt, lacquered	**1417 71 06**	10
Aluminium, aluminium anodised	**1417 71 03**	10
Stainless steel, metal matt finish	**1417 71 04**	10
Berker Arsys		
white glossy	**1417 00 02**	10
polar white glossy	**1417 00 69**	10
brown glossy	**1417 00 01**	10
light bronze matt, aluminium lacquered	**1418 00 01**	10
Stainless steel, metal matt finish	**1418 00 04**	10

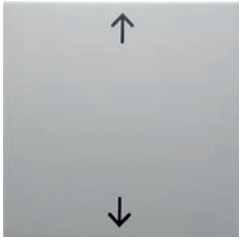


Berker R.1/R.3		
polar white glossy [3]	**1624 20 89**	10
black glossy [3]	**1624 20 45**	10



Flush-mounted splash-protected IP44		
white glossy	**1558**	10
polar white glossy	**1558 09**	10
brown glossy	**1558 01**	10

[1] with cover plug for screw fitting
[2] with orange lens
[3] with clear lens



Rocker with imprinted arrows symbol

SUITABLE FOR	ORDER NO.	PAGE
Group push-button 1gang	7514 11 00	777

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1620 89 12**	10
polar white glossy	**1620 89 19**	10
polar white matt	**1620 19 19**	10
anthracite matt	**1620 16 16**	10
aluminium matt, lacquered	**1620 14 14**	10



Berker Q.1/Q.3		
polar white velvety	**1620 60 79**	10
anthracite velvety, lacquered	**1620 60 76**	10







DESIGN	ORDER NO.	PU
Berker K.1/K.5		
polar white glossy	**1405 71 09**	10
anthracite matt, lacquered	**1405 71 06**	10
Aluminium, aluminium anodised	**1405 71 03**	10
Stainless steel, metal matt finish	**1405 71 04**	10
Berker Arsys		
white glossy	**1405 03 02**	10
polar white glossy	**1405 03 69**	10
brown glossy	**1405 03 01**	10
light bronze matt, aluminium lacquered	**1404 03 01**	10
Stainless steel, metal matt finish	**1404 03 04**	10
gold matt, aluminium anodised	**1404 03 02**	10
Berker R.1/R.3		
polar white glossy	**1620 20 49**	10
black glossy	**1620 20 05**	10



Rocker with imprint "Heizung Notschalter"

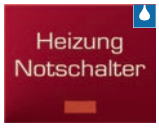
- Red lens

SUITABLE FOR	ORDER NO.	PAGE
Push-button 1gang	7514 10 00	777
Group push-button 1gang	7514 11 00	777

Or use glass pane-protected heating emergency switch from programme ranges Arsys, flush-mounted splash-protected IP44, Aquatec IP44.

Not suitable for heating systems > 50 kW.











DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
red glossy	**1621 89 02**	10
red matt	**1621 19 02**	10
Berker Q.1/Q.3		
polar white velvety [1]	**1621 60 69**	10
Berker K.1/K.5		
red glossy	**1488 71 15**	10
Berker Arsys		
red glossy	**1488 00 62**	10
Berker R.1/R.3		
polar white glossy [2]	**1621 20 49**	10
Flush-mounted splash-protected IP44		
white glossy	**1568**	10
polar white glossy	**1568 09**	10
brown glossy	**1568 01**	10

[1] with orange lens
[2] with clear lens



Centre plate with glass plate

- Rocker

SUITABLE FOR	ORDER NO.	PAGE
Push-button 1gang	7514 10 00	777
Group push-button 1gang	7514 11 00	777

The cover can be replaced with the standard rocker on all rocker switches and rocker push-buttons in this range.

Housing screws made of stainless steel.
Adhesive label sheets, text white: "Notschalter", "Rauchabzug", "Feuerschutztür schließen", "Feuerabschluss schließen", "Heizung", "Lichtkuppel", "Hausalarm" and "Öffnen".

Not suitable for heating systems > 50 kW.
In case of danger break glass and press rocker!

DESIGN	ORDER NO.	PU
Berker Arsys		
red glossy	**1297 00 00**	10
Flush-mounted splash-protected IP44		
red glossy	**1295**	10





Rocker with imprint "Heizung Notschalter - 0"

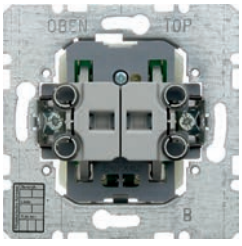
- Red lens

SUITABLE FOR	ORDER NO.	PAGE
Group push-button 1gang	7514 11 00	777

Or use glass pane-protected heating emergency switch.

Not suitable for heating systems > 50 kW.

DESIGN	ORDER NO.	PU
Flush-mounted splash-protected IP44		
white glossy	**1569**	10
polar white glossy	**1569 09**	10
brown glossy	**1569 01**	10



Push-button 2gang

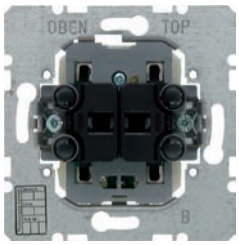
- integrated bus coupling unit

- for switch, push-button, dimmer and shutter functions
- with red programming LED and 2 red status LEDs
- with programming button
- bus connection via connecting terminal

Operating voltage over bus	21 ... 32 V=
Power consumption, KNX	≈ 108 mW
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

Use rockers from flush-mounted ranges.

DESIGN	ORDER NO.	PU
Push-button 2gang	**7514 20 00**	1



Group push-button 2gang

- integrated bus coupling unit

Operating voltage over bus	21 ... 32 V=
Power consumption, KNX	≈ 108 mW
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

- for switch, push-button, dimmer and shutter functions
- with neutral-position
- with red programming LED and 2 red status LEDs
- with programming button
- bus connection via connecting terminal

Use rockers from flush-mounted ranges.

DESIGN	ORDER NO.	PU
Group push-button 2gang	**7514 21 00**	1

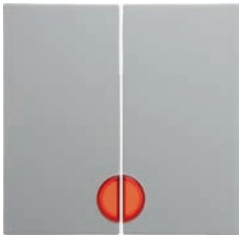


Rocker 2gang

SUITABLE FOR	ORDER NO.	PAGE
Push-button 2gang	7514 20 00	785
Group push-button 2gang	7514 21 00	786

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1623 89 82**	10
polar white glossy	**1623 89 89**	10
polar white matt	**1623 19 09**	10
anthracite matt	**1623 16 06**	10
aluminium matt, lacquered	**1623 14 04**	10
polar white matt, Screw-on [1]	**1571 19 09**	10
anthracite matt, Screw-on [1]	**1571 16 06**	10
aluminium matt, lacquered, Screw-on [1]	**1571 14 04**	10
Berker Q.1/Q.3		
polar white velvety	**1623 60 89**	10
anthracite velvety, lacquered	**1623 60 86**	10
Berker K.1/K.5		
polar white glossy	**1435 70 09**	10
anthracite matt, lacquered	**1435 70 06**	10
Aluminium, aluminium anodised	**1435 70 03**	10
Stainless steel, metal matt finish	**1435 70 04**	10
Berker Arsys		
white glossy	**1435 00 02**	10
polar white glossy	**1435 00 69**	10
brown glossy	**1435 00 01**	10
light bronze matt, aluminium lacquered	**1434 00 01**	10
Stainless steel, metal matt finish	**1434 00 04**	10
Stainless steel, metal matt finish, Screw-on [1]	**1434 00 10**	10
Berker R.1/R.3		
polar white glossy	**1623 20 89**	10
black glossy	**1623 20 45**	10
Flush-mounted splash-protected IP44		
white glossy	**1552**	10
polar white glossy	**1552 09**	10
brown glossy	**1552 11**	10

[1] with cover plug for screw fitting



Rocker 2gang

- Red lens

■ for illumination and monitoring circuit

SUITABLE FOR	ORDER NO.	PAGE
Push-button 2gang	7514 20 00	785
Group push-button 2gang	7514 21 00	786









DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1627 89 82**	10
polar white glossy	**1627 89 89**	10
polar white matt	**1627 19 09**	10
anthracite matt	**1627 16 06**	10
aluminium matt, lacquered	**1627 14 04**	10
Berker Q.1/Q.3		
polar white velvety [1]	**1627 60 89**	10
anthracite velvety, lacquered [1]	**1627 60 86**	10
Berker K.1/K.5		
polar white glossy	**1437 70 09**	10
anthracite matt, lacquered	**1437 70 06**	10
aluminium matt, lacquered	**1437 70 03**	10
stainless steel matt, lacquered	**1437 70 04**	10
Berker Arsys		
white glossy	**1437 00 02**	10
polar white glossy	**1437 00 69**	10
brown glossy	**1437 00 01**	10
Berker R.1/R.3		
polar white glossy [2]	**1627 20 89**	10
black glossy [2]	**1627 20 45**	10

[1] with orange and clear lens
[2] with clear lens



Rocker 2gang with imprinted arrow symbol

SUITABLE FOR	ORDER NO.	PAGE
Push-button 2gang	7514 20 00	785







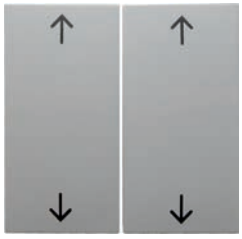
DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1625 89 82**	10
polar white glossy	**1625 89 89**	10
polar white matt	**1625 19 09**	10
anthracite matt	**1625 16 06**	10
aluminium matt, lacquered	**1625 14 04**	10
Berker Q.1/Q.3		
polar white velvety	**1625 60 89**	10
anthracite velvety, lacquered	**1625 60 86**	10
Berker K.1/K.5		
polar white glossy	**1435 71 09**	10
anthracite matt, lacquered	**1435 71 06**	10
Aluminium, aluminium anodised	**1435 71 03**	10
Stainless steel, metal matt finish	**1435 71 04**	10
Berker Arsys		
white glossy	**1435 01 02**	10
polar white glossy	**1435 01 69**	10
brown glossy	**1435 01 01**	10
Stainless steel, metal matt finish	**1434 01 04**	10
gold matt, aluminium anodised	**1434 01 02**	10



DESIGN	ORDER NO.	PU
Berker R.1/R.3		
polar white glossy	**1625 20 89**	10
black glossy	**1625 20 45**	10



Flush-mounted splash-protected IP44		
white glossy	**1552 22**	10
polar white glossy	**1552 29**	10
brown glossy	**1552 21**	10



Rocker 2gang with imprinted arrows symbol

SUITABLE FOR	ORDER NO.	PAGE
Group push-button 2gang	7514 21 00	786

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1644 89 82**	10
polar white glossy	**1644 89 89**	10
polar white matt	**1644 19 09**	10
anthracite matt	**1644 16 06**	10
aluminium matt, lacquered	**1644 14 04**	10
Berker Q.1/Q.3		
polar white velvety	**1644 60 89**	10
anthracite velvety, lacquered	**1644 60 86**	10





Berker K.1/K.5		
polar white glossy	**1435 72 09**	10
anthracite matt, lacquered	**1435 72 06**	10
Aluminium, aluminium anodised	**1435 72 03**	10
Stainless steel, metal matt finish	**1435 72 04**	10
Berker Arsys		
white glossy	**1435 03 02**	10
polar white glossy	**1435 03 69**	10
brown glossy	**1435 03 01**	10
light bronze matt, aluminium lacquered	**1434 03 01**	10
Stainless steel, metal matt finish	**1434 03 04**	10
gold matt, aluminium anodised	**1434 03 02**	10
Berker R.1/R.3		
polar white glossy	**1644 20 89**	10
black glossy	**1644 20 45**	10





Surface-mounted wet-room installation



Push-button 1gang surface-mounted

- integrated bus coupling unit



Operating voltage over bus	21 ... 32 V=
Power consumption, KNX	≈ 108 mW
Operating temperature	-5 ... +45 °C

- for switch and push-button functions
- with red programming LED and red status LED
- with programming button
- bus connection via connecting terminal
- Wago clip-in 3-wire connection terminal for wiring

Degree of protection IP44 with mounted rocker.

DESIGN	ORDER NO.	PU
Aquatec IP44		
light grey	**7519 10 00**	1



Group push-button 1gang surface mounted

- integrated bus coupling unit

Operating voltage over bus	21 ... 32 V=
Power consumption, KNX	≈ 108 mW
Operating temperature	-5 ... +45 °C

- for switch, push-button, dimmer and shutter functions
- with neutral-position
- with red programming LED and red status LED
- with programming button
- bus connection via connecting terminal
- Wago clip-in 3-wire connection terminal for wiring

Degree of protection IP44 with mounted rocker.

DESIGN	ORDER NO.	PU
Aquatec IP44		
light grey	**7519 11 00**	1



Rocker

SUITABLE FOR	ORDER NO.	PAGE
Push-button 1gang surface-mounted	7519 10 00	788
Group push-button 1gang surface mounted	7519 11 00	789

DESIGN	ORDER NO.	PU
Aquatec IP44		
grey	**7599 10 00**	10



Rocker

- Lens

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

SUITABLE FOR	ORDER NO.	PAGE
Push-button 1gang surface-mounted	7519 10 00	788
Group push-button 1gang surface mounted	7519 11 00	789

DESIGN	ORDER NO.	PU
Aquatec IP44		
grey	**7599 11 00**	10



Rocker

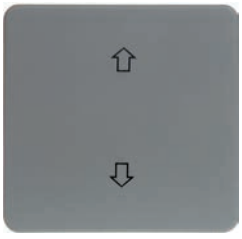
- Labelling field

For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

SUITABLE FOR	ORDER NO.	PAGE
Push-button 1gang surface-mounted	7519 10 00	788
Group push-button 1gang surface mounted	7519 11 00	789

DESIGN	ORDER NO.	PU
Aquatec IP44		
grey	**7599 13 00**	10



Rocker with imprinted arrows symbol

SUITABLE FOR	ORDER NO.	PAGE
Group push-button 1gang surface mounted	7519 11 00	789

DESIGN	ORDER NO.	PU
Aquatec IP44		
grey	**7599 12 00**	10



Centre plate with glass plate

- Rocker

SUITABLE FOR	ORDER NO.	PAGE
Push-button 1gang surface-mounted	7519 10 00	788
Group push-button 1gang surface mounted	7519 11 00	789

The cover can be replaced with the standard rocker on all rocker switches and rocker push-buttons in this range.

Housing screws made of stainless steel.

Adhesive label sheets, text white: "Notschalter", "Rauchabzug", "Feuerschutztür schließen", "Feuerabschluss schließen", "Heizung", "Lichtkuppel", "Hausalarm" and "Öffnen".

Not suitable for heating systems > 50 kW.

In case of danger break glass and press rocker!

DESIGN	ORDER NO.	PU
Aquatec IP44		
red	**1290 99 05**	10



Push-button 2gang surface-mounted

- integrated bus coupling unit

- for switch, push-button, dimmer and shutter functions
- with red programming LED and 2 red status LEDs
- with programming button
- bus connection via connecting terminal
- Wago clip-in 3-wire connection terminal for wiring

Operating voltage over bus	21 ... 32 V=
Power consumption, KNX	≈ 108 mW
Operating temperature	-5 ... +45 °C

Degree of protection IP44 with mounted rocker.

DESIGN	ORDER NO.	PU
Aquatec IP44		
light grey	**7519 20 00**	1



Surface mounted group push-button 2gang

- integrated bus coupling unit

- for switch, push-button, dimmer and shutter functions
- with neutral-position
- with red programming LED and 2 red status LEDs
- with programming button
- bus connection via connecting terminal
- Wago clip-in 3-wire connection terminal for wiring

Operating voltage over bus	21 ... 32 V=
Power consumption, KNX	≈ 108 mW
Operating temperature	-5 ... +45 °C

Degree of protection IP44 with mounted rocker.

DESIGN	ORDER NO.	PU
Aquatec IP44		
light grey	**7519 21 00**	1



Rocker 2gang

SUITABLE FOR	ORDER NO.	PAGE
Push-button 2gang surface-mounted	7519 20 00	790
Surface mounted group push-button 2gang	7519 21 00	790

DESIGN	ORDER NO.	PU
Aquatec IP44		
grey	**7599 20 00**	10



Rocker 2gang with imprinted arrow symbol

SUITABLE FOR	ORDER NO.	PAGE
Push-button 2gang surface-mounted	7519 20 00	790

DESIGN	ORDER NO.	PU
Aquatec IP44		
grey	**7599 21 00**	10



Rocker 2gang with imprinted arrows symbol

SUITABLE FOR	ORDER NO.	PAGE
Surface mounted group push-button 2gang	7519 21 00	790

DESIGN	ORDER NO.	PU
Aquatec IP44		
grey	**7599 22 00**	10

BERKER R.1/R.3 - PUSH-BUTTONS/TOUCH SENSORS

Push-buttons comfort

- for suitable frames see the Design line R.1/R.3
- For additional products to complement the installation in matching colours/materials, refer to the Design platform R.1/R.3



Push-button module 1gang comfort

- integrated bus coupling unit

Operating voltage over bus	21 ... 32 V=
Operating temperature	-5 ... +45 °C
Insertion depth	18.4 mm

- for switch, push-button, dimmer and shutter functions
- extension unit for light scene push-button
- with white operation LED and 2 RGB status LEDs (amber/green/blue)
- LED colour, brightness and display function adjustable for status LED, e.g. for day/night operation
- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- second operating channel can be set per button for switching or value transmitter
- activation of second user level via object
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

DESIGN	ORDER NO.	PU
Push-button module 1gang comfort	**7504 10 04**	1



Touch cover 1gang for push-button module

- Clear lenses

- with 2 clear lenses for the RGB status display of the push-button module

DESIGN	ORDER NO.	PU
Berker R.1/R.3		
polar white glossy	**7516 18 69**	1
black glossy	**7516 18 65**	1



Push-button module 2gang comfort

- integrated bus coupling unit

Operating voltage over bus	21 ... 32 V=
Operating temperature	-5 ... +45 °C
Insertion depth	18.4 mm

- for switch, push-button, dimmer and shutter functions
- extension unit for light scene push-button
- with white operation LED and 4 RGB status LEDs (amber/green/blue)
- LED colour, brightness and display function adjustable for status LED, e.g. for day/night operation
- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- second operating channel can be set per button for switching or value transmitter
- activation of second user level via object
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

DESIGN	ORDER NO.	PU
Push-button module 2gang comfort	**7504 20 04**	1



Touch cover 2gang for push-button module

- Clear lenses

- with 4 clear lenses for the RGB status display of the push-button module

DESIGN	ORDER NO.	PU
Berker R.1/R.3		
polar white glossy	**7516 28 69**	1
black glossy	**7516 28 65**	1

Touch sensors comfort

- With integral bus coupling unit
- Operation by gently touching the sensor surfaces on the white LEDs
- For switch, push-button, dimmer and shutter functions
- Single and two push-button operation parameterisable
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- Retrieval, setting and storing of 8 light scenes
- Temperature measurement via internal and/or external temperature sensor with mean value formation
- Additional connection for external temperature sensor
- Usable as thermostat extension unit
- Provision of the internal temperature value via communication object
- Blocking function for sensor surface e.g. for cleaning the glass surface
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- Bus connection via connecting terminal
- For mounting on a double box, e.g. order no. 1809 (flush mounting) or 1824 (hollow wall mounting)
- For vertical mounting
- With dismantling protection via a screw on the fastening ring
- many options for labelling (text and/or symbols) are available via the **new web configurator** at www.berker.com
- For individually labelled glass and touch sensors (configured variations), the new Web Configurator generates a layout number, which must be additionally specified when placing the order.



Touch sensor 1gang comfort

- integrated bus coupling unit

Operating voltage	21 ... 32 V=
Current consumption	12.5 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	81 x 152 x 10 mm

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- with blue operation LED and 2 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform R.1/R.3
- for suitable frames in the same "style" for additional applications, see the Design line R.x

SUITABLE FOR	ORDER NO.	PAGE
optional		
Temperature sensor	161	145
Wall box	1809	551
Wall box for installation in hollow walls	1824	551

i 956

DESIGN	ORDER NO.	PU
Berker R.1		
glass polar white	**7514 18 60**	1
glass black	**7514 18 65**	1
Berker R.1 - configured		
glass polar white	**7514 11 60**	1
glass black	**7514 11 65**	1
Berker R.3		
glass polar white	**7514 18 50**	1
glass black	**7514 18 55**	1
Berker R.3 - configured		
glass polar white	**7514 11 50**	1
glass black	**7514 11 55**	1





Touch sensor 2gang comfort

- integrated bus coupling unit

Operating voltage	21 ... 32 V=
Current consumption	12.5 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	81 x 152 x 10 mm

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- with blue operation LED and 4 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform R.1/R.3
- for suitable frames in the same "style" for additional applications, see the Design line R.x

SUITABLE FOR	ORDER NO.	PAGE
optional		
Temperature sensor	161	145
Wall box	1809	551
Wall box for installation in hollow walls	1824	551

i 956



DESIGN	ORDER NO.	PU
Berker R.1		
glass polar white	**7514 28 60**	1
glass black	**7514 28 65**	1
Berker R.1 - configured		
glass polar white	**7514 21 60**	1
glass black	**7514 21 65**	1
Berker R.3		
glass polar white	**7514 28 50**	1
glass black	**7514 28 55**	1
Berker R.3 - configured		
glass polar white	**7514 21 50**	1
glass black	**7514 21 55**	1



Touch sensor 3gang comfort

- integrated bus coupling unit

Operating voltage	21 ... 32 V=
Current consumption	12.5 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	81 x 152 x 10 mm

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- with blue operation LED and 6 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform R.1/R.3
- for suitable frames in the same "style" for additional applications, see the Design line R.x

SUITABLE FOR	ORDER NO.	PAGE
optional		
Temperature sensor	161	145
Wall box	1809	551
Wall box for installation in hollow walls	1824	551

i 956



DESIGN	ORDER NO.	PU
Berker R.1		
glass polar white	**7514 38 60**	1
glass black	**7514 38 65**	1
Berker R.1 - configured		
glass polar white	**7514 31 60**	1
glass black	**7514 31 65**	1
Berker R.3		
glass polar white	**7514 38 50**	1
glass black	**7514 38 55**	1
Berker R.3 - configured		
glass polar white	**7514 31 50**	1
glass black	**7514 31 55**	1



Touch sensor 4gang comfort

- integrated bus coupling unit

Operating voltage	21 ... 32 V=
Current consumption	12.5 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	81 x 152 x 10 mm

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- with blue operation LED and 8 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform R.1/R.3
- for suitable frames in the same "style" for additional applications, see the Design line R.x

SUITABLE FOR	ORDER NO.	PAGE
optional		
Temperature sensor	161	145
Wall box	1809	551
Wall box for installation in hollow walls	1824	551

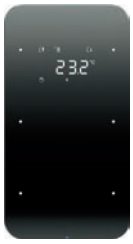
i 956



DESIGN	ORDER NO.	PU
Berker R.1		
glass polar white	**7514 48 60**	1
glass black	**7514 48 65**	1
Berker R.1 - configured		
glass polar white	**7514 41 60**	1
glass black	**7514 41 65**	1
Berker R.3		
glass polar white	**7514 48 50**	1
glass black	**7514 48 55**	1
Berker R.3 - configured		
glass polar white	**7514 41 50**	1
glass black	**7514 41 55**	1

Touch sensors with thermostat

- With integral bus coupling unit
- Operation by gently touching the sensor surfaces on the white LEDs
- For switch, push-button, dimmer, blind and thermostat functions
- Single and two push-button operation parameterisable
- One push-button operation for switching, buttons, blinds and dimming
- For individual single room temperature control
- For heating and/or cooling mode with/without auxiliary step
- Operating modes: comfort, standby, night operation and frost/heat protection adjustable
- LED display with symbol display
- With 2 additional sensor surfaces for display control
- Display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- Integrated temperature sensor
- Temperature measurement via internal and/or external temperature sensor with mean value formation
- Additional connection for external temperature sensor
- Provision of the internal temperature value via communication object
- Temperature control via local measurement or measured value via object
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- Separate auxiliary power supply needed
- Operation with non-choked output of KNX voltage supply possible (pay attention to current consumption)
- Bus connection via connecting terminal
- For mounting on a double box, e.g. order no. 1809 (flush mounting) or 1824 (hollow wall mounting)
- For vertical mounting
- With dismantling protection via a screw on the fastening ring
- many options for labelling (text and/or symbols) are available via the **new web configurator** at www.berker.com
- For individually labelled glass and touch sensors (configured variations), the new Web Configurator generates a layout number, which must be additionally specified when placing the order.



Touch sensor 2gang with thermostat

- integrated bus coupling unit



Operating voltage	21 ... 32 V=
Current consumption	23 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	81 x 152 x 10 mm

Only suitable for KNX.

- with blue operation LED and 4 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform R.1/R.3
- for suitable frames in the same "style" for additional applications, see the Design line R.x

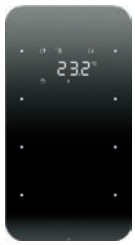
SUITABLE FOR	ORDER NO.	PAGE
Electrical power supply 24 V DC RMD	7591 00 03	854
optional		
Temperature sensor	161	145
Wall box	1809	551
Wall box for installation in hollow walls	1824	551

i 956

DESIGN	ORDER NO.	PU
Berker R.1		
glass polar white	**7564 20 60**	1
glass black	**7564 20 65**	1
Berker R.1 - configured		
glass polar white	**7564 21 60**	1
glass black	**7564 21 65**	1
Berker R.3		
glass polar white	**7564 20 50**	1
glass black	**7564 20 55**	1



Berker R.3 - configured		
glass polar white	**7564 21 50**	1
glass black	**7564 21 55**	1



Touch sensor 3gang with thermostat

- integrated bus coupling unit

Operating voltage	21 ... 32 V=
Current consumption	23 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	81 x 152 x 10 mm

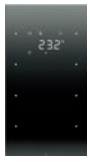
Only suitable for KNX.

- with blue operation LED and 6 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform R.1/R.3
- for suitable frames in the same "style" for additional applications, see the Design line R.x

SUITABLE FOR	ORDER NO.	PAGE
Electrical power supply 24 V DC RMD	7591 00 03	854
optional		
Temperature sensor	161	145
Wall box	1809	551
Wall box for installation in hollow walls	1824	551

i 956

DESIGN	ORDER NO.	PU
Berker R.1		
glass polar white	**7564 30 60**	1
glass black	**7564 30 65**	1
Berker R.1 - configured		
glass polar white	**7564 31 60**	1
glass black	**7564 31 65**	1
Berker R.3		
glass polar white	**7564 30 50**	1
glass black	**7564 30 55**	1



Berker R.3 - configured		
glass polar white	**7564 31 50**	1
glass black	**7564 31 55**	1

BERKER B.IQ

- For suitable frames in the same "style" for additional applications, see the Design line B.7
- For additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x

Push-buttons

- For switch, push-button, dimmer and shutter functions
- Extension unit for light scene push-button
- For installation in single standard wall boxes
- With dismantling protection



Bus coupling unit flush-mounted

Operating voltage over bus	21 ... 32 V=
Power consumption, KNX	≈ 100 mW
Operating temperature	-5 ... +45 °C
Insertion depth	23 mm

- with programming button and red programming LED
- as interface between KNX user module and bus line
- bus connection via connecting terminal
- without spreader claws

SUITABLE FOR	ORDER NO.	PAGE
optional		
Protective cover	7500 00 07	859
Blind plug for bus coupling unit	7594 02 ..	858

DESIGN	ORDER NO.	PU
Bus coupling unit flush-mounted	**7504 00 01**	1



B.IQ push-button 1gang comfort

Operating temperature	-5 ... +45 °C
Dimensions (W x H)	88.5 x 88.5 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- with blue operation LED and 2 white status LEDs (labelling field lighting)
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted		page 797
optional		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	540

i 957

DESIGN	ORDER NO.	PU
polar white matt	**7516 15 99**	1
Aluminium, aluminium anodised	**7516 15 94**	1
Stainless steel, metal brushed	**7516 15 93**	1
glass polar white	**7516 15 90**	1
glass black	**7516 15 92**	1



B.IQ push-button 2gang comfort

Operating temperature	-5 ... +45 °C
Dimensions (W x H)	88.5 x 88.5 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- with blue operation LED and 4 white status LEDs (labelling field lighting)
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted		page 797
optional		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	540

i 957

DESIGN	ORDER NO.	PU
polar white matt	**7516 25 99**	1
Aluminium, aluminium anodised	**7516 25 94**	1
Stainless steel, metal brushed	**7516 25 93**	1
glass polar white	**7516 25 90**	1
glass black	**7516 25 92**	1



B.IQ push-button 3gang comfort

Operating temperature	-5 ... +45 °C
Dimensions (W x H)	88.5 x 88.5 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- with blue operation LED and 6 white status LEDs (labelling field lighting)
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted		page 797
optional		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	540

i 957

DESIGN	ORDER NO.	PU
polar white matt	**7516 35 99**	1
Aluminium, aluminium anodised	**7516 35 94**	1
Stainless steel, metal brushed	**7516 35 93**	1
glass polar white	**7516 35 90**	1
glass black	**7516 35 92**	1



B.IQ push-button 4gang comfort

Operating temperature	-5 ... +45 °C
Dimensions (W x H)	88.5 x 118.1 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- lockable via 3-button actuation
- second operating level via object or 3-button handle
- with blue operation LED and 8 white status LEDs (labelling field lighting)
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted		page 797
optional		
B.IQ labelling field for push-buttons 4gang	7590 00 81	540

i 957

DESIGN	ORDER NO.	PU
polar white matt	**7516 45 99**	1
Aluminium, aluminium anodised	**7516 45 94**	1
Stainless steel, metal brushed	**7516 45 93**	1
glass polar white	**7516 45 90**	1
glass black	**7516 45 92**	1



B.IQ push-button 1gang

Operating temperature -5 ... +45 °C
Dimensions (W x H) 88.5 x 88.5 mm

- with blue operation LED and 2 white status LEDs (labelling field lighting)
- dimming / position value transmitter 1 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted		page 797
optional		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	540

i 957

DESIGN	ORDER NO.	PU
polar white matt	**7516 10 99**	1
Aluminium, aluminium anodised	**7516 10 94**	1
Stainless steel, metal brushed	**7516 10 93**	1
glass polar white	**7516 10 90**	1
glass black	**7516 10 92**	1



B.IQ push-button 2gang

Operating temperature -5 ... +45 °C
Dimensions (W x H) 88.5 x 88.5 mm

- with blue operation LED and 4 white status LEDs (labelling field lighting)
- dimming / position value transmitter 1 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted		page 797
optional		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	540

i 957

DESIGN	ORDER NO.	PU
polar white matt	**7516 20 99**	1
Aluminium, aluminium anodised	**7516 20 94**	1
Stainless steel, metal brushed	**7516 20 93**	1
glass polar white	**7516 20 90**	1
glass black	**7516 20 92**	1



B.IQ push-button 3gang

Operating temperature -5 ... +45 °C
Dimensions (W x H) 88.5 x 88.5 mm

- with blue operation LED and 6 white status LEDs (labelling field lighting)
- dimming / position value transmitter 1 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted		page 797
optional		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	540

i 957

DESIGN	ORDER NO.	PU
polar white matt	**7516 30 99**	1
Aluminium, aluminium anodised	**7516 30 94**	1
Stainless steel, metal brushed	**7516 30 93**	1
glass polar white	**7516 30 90**	1
glass black	**7516 30 92**	1



B.IQ push-button 4gang

Operating temperature	-5 ... +45 °C
Dimensions (W x H)	88.5 x 118.1 mm

- with blue operation LED and 8 white status LEDs (labelling field lighting)
- dimming / position value transmitter 1 byte

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted		page 797
optional		
B.IQ labelling field for push-buttons 4gang	7590 00 81	540

i 957

DESIGN	ORDER NO.	PU
polar white matt	**7516 40 99**	1
Aluminium, aluminium anodised	**7516 40 94**	1
Stainless steel, metal brushed	**7516 40 93**	1
glass polar white	**7516 40 90**	1
glass black	**7516 40 92**	1

Light scenes push-buttons



B.IQ push-button 4gang for light scenes

Number of load groups (increase on cascading)	8
Light scenes	max. 8
Operating temperature	-5 ... +45 °C
Dimensions (W x H)	88.5 x 118.1 mm

- retrieval, adjustment and storage of 8 light scenes
- light scene push-buttons can be cascaded
- second operating level for setting load groups via 3-button actuation
- with blue operation LED and 8 white status LEDs (labelling field lighting)
- dimming / position value transmitter 1 byte
- for installation in single standard wall boxes
- with anti-dismantling protection

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted		page 797
optional		
B.IQ labelling field for push-buttons 4gang	7590 00 81	540

i 957

DESIGN	ORDER NO.	PU
polar white matt	**7516 86 99**	1
Aluminium, aluminium anodised	**7516 86 94**	1
Stainless steel, metal brushed	**7516 86 93**	1
glass polar white	**7516 86 90**	1
glass black	**7516 86 92**	1

Push-buttons with thermostat

- For switch, push-button, dimmer, blind and thermostat functions
- Single and two push-button operation parameterisable
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- With 2 white status LEDs per rocker (labelling field illumination)
- Wth blue operation LED
- For individual single room temperature control
- For heating and/or cooling mode with/without auxiliary step
- Controller operating modes: comfort, standby, night and frost/heat protection mode
- With 2 additional function buttons for display control
- Display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- Temperature measurement via internal temperature sensor and/or external communication object (weighting ratio parameterisable)
- Provision of the internal temperature value via communication object
- With room temperature timer and 2-week timer functions
- Button help function can be activated
- For installation in single standard wall boxes
- For continuous (PI) or switched (2-point) control of max. 2 control circuits
- With dismantling protection
- Text display (ASCII-format)
- LC display with symbols and illumination switchable via object
- With button blocking function
- End customer display scope parameterisable
- Separate object for window contact
- Programmable from ETS2, V1.2a
- Alarm telegram after disconnection from bus coupling unit 1 bit, 1 or 2 byte
- Presence button parameterisable to extend comfort
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte



Flush-mounted bus coupling unit for B.IQ with thermostat

Operating voltage over bus	21 ... 32 V=
Operating temperature	-5 ... +45 °C
Insertion depth	20 mm

- for B.IQ push-buttons with thermostat and display or Bluetooth gateways
- with programming button and red programming LED
- bus connection via connecting terminal
- without spreader claws

SUITABLE FOR	ORDER NO.	PAGE
optional		
Protective cover	7500 00 07	859
Blind plug for bus coupling unit	7594 02 ..	858

DESIGN	ORDER NO.	PU
Flush-mounted bus coupling unit for B.IQ with thermostat	**7504 00 03**	1



B.IQ push-button 3gang with thermostat

- Display



Operating temperature	-5 ... +45 °C
Dimensions (W x H)	88.5 x 119.6 mm

SUITABLE FOR	ORDER NO.	PAGE
Flush-mounted bus coupling unit for B.IQ with thermostat		page 802
optional		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	540

i 957

DESIGN	ORDER NO.	PU
polar white matt	**7566 35 99**	1
Aluminium, aluminium anodised	**7566 35 94**	1
Stainless steel, metal brushed	**7566 35 93**	1
glass polar white	**7566 35 90**	1
glass black	**7566 35 92**	1



B.IQ push-button 4gang with thermostat

- Display

Operating temperature	-5 ... +45 °C
Dimensions (W x H)	88.5 x 149.2 mm

SUITABLE FOR	ORDER NO.	PAGE
Flush-mounted bus coupling unit for B.IQ with thermostat		page 802
optional		
B.IQ labelling field for push-buttons 4gang	7590 00 81	540

i 957

DESIGN	ORDER NO.	PU
polar white matt	**7566 45 99**	1
Aluminium, aluminium anodised	**7566 45 94**	1
Stainless steel, metal brushed	**7566 45 93**	1
glass polar white	**7566 45 90**	1
glass black	**7566 45 92**	1



B.IQ push-button 5gang with thermostat

- Display

Operating temperature	-5 ... +45 °C
Dimensions (W x H)	88.5 x 178.8 mm

SUITABLE FOR	ORDER NO.	PAGE
Flush-mounted bus coupling unit for B.IQ with thermostat		page 802
optional		
B.IQ labelling field for push-buttons 5gang	7590 00 82	540

i 957

DESIGN	ORDER NO.	PU
polar white matt	**7566 55 99**	1
Aluminium, aluminium anodised	**7566 55 94**	1
Stainless steel, metal brushed	**7566 55 93**	1
glass polar white	**7566 55 90**	1
glass black	**7566 55 92**	1



B.IQ IR push-button 3gang with thermostat

- Display

Operating temperature	-5 ... +45 °C
Dimensions (W x H)	88.5 x 128.6 mm

- IR telegram with RC5 coding parameterisable per push-button

SUITABLE FOR	ORDER NO.	PAGE
Flush-mounted bus coupling unit for B.IQ with thermostat		page 802
optional		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	540
Hand-held transmitter for B.IQ IR push-button	2779	804

i 957

DESIGN	ORDER NO.	PU
polar white matt	**7566 36 99**	1
Aluminium, aluminium anodised	**7566 36 94**	1
Stainless steel, metal brushed	**7566 36 93**	1
glass polar white	**7566 36 90**	1
glass black	**7566 36 92**	1



B.IQ IR push-button 4gang with thermostat

- Display

Operating temperature	-5 ... +45 °C
Dimensions (W x H)	88.5 x 158.2 mm

- IR telegram with RC5 coding parameterisable per push-button

SUITABLE FOR	ORDER NO.	PAGE
Flush-mounted bus coupling unit for B.IQ with thermostat		page 802
optional		
B.IQ labelling field for push-buttons 4gang	7590 00 81	540
Hand-held transmitter for B.IQ IR push-button	2779	804

i 957

DESIGN	ORDER NO.	PU
polar white matt	**7566 46 99**	1
Aluminium, aluminium anodised	**7566 46 94**	1
Stainless steel, metal brushed	**7566 46 93**	1
glass polar white	**7566 46 90**	1
glass black	**7566 46 92**	1



B.IQ IR push-button 5gang with thermostat

- Display

Operating temperature	-5 ... +45 °C
Dimensions (W x H)	88.5 x 187.8 mm

- IR telegram with RC5 coding parameterisable per push-button

SUITABLE FOR	ORDER NO.	PAGE
Flush-mounted bus coupling unit for B.IQ with thermostat		page 802
optional		
B.IQ labelling field for push-buttons 5gang	7590 00 82	540
Hand-held transmitter for B.IQ IR push-button	2779	804

i 957

DESIGN	ORDER NO.	PU
polar white matt	**7566 56 99**	1
Aluminium, aluminium anodised	**7566 56 94**	1
Stainless steel, metal brushed	**7566 56 93**	1
glass polar white	**7566 56 90**	1
glass black	**7566 56 92**	1



Hand-held transmitter for B.IQ IR push-button

Operating voltage	6 V=
IR range	≈ 10 m
Number of IR channels	24
Dimensions (L x W x H)	192 x 53 x 23 mm
Battery service life [years]	≈ 3

The required batteries 4 x Micro, alkaline (LR 03) are not in scope of delivery.

For battery-operated IR remote control of all assigned IR receivers.

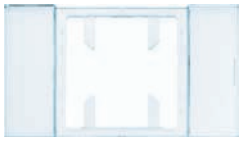
- RC5 code
- with 3 channel group LEDs (also transmission and battery status LEDs)
- with 3 channel group buttons A, B, C
- with 8 channel buttons (on/off; dimmer)
- with child lock

SUITABLE FOR	ORDER NO.	PAGE
B.IQ IR push-button 3gang with thermostat		page 803
B.IQ IR push-button 4gang with thermostat		page 804
B.IQ IR push-button 5gang with thermostat		page 804



DESIGN	ORDER NO.	PU
anthracite matt	# **2779**	1

Labelling fields



B.IQ labelling field for push-buttons 1 to 3gang

Dimensions (W x H x D)	151.6 x 85 x 5.7 mm

- can be illuminated by status LED

i 957

DESIGN	ORDER NO.	PU
clear, transparent	**7590 00 80**	1



B.IQ labelling field for push-buttons 4gang

Dimensions (W x H x D) 151.6 x 114.6 x 5.7 mm

- can be illuminated by status LED

i 957

DESIGN	ORDER NO.	PU
clear, transparent	**7590 00 81**	1



B.IQ labelling field for push-buttons 5gang

Dimensions (W x H x D) 151.6 x 144.2 x 5.7 mm

- can be illuminated by status LED

i 957

DESIGN	ORDER NO.	PU
clear, transparent	**7590 00 82**	1

BERKER TS SENSOR

- many options for labelling (text and/or symbols) are available via the **new web configurator** at www.berker.com
- For individually labelled glass and touch sensors (configured variations), the new Web Configurator generates a layout number, which must be additionally specified when placing the order.

Glass sensors comfort

- With integral bus coupling unit
- Operation by gently touching the sensor surfaces on the white LEDs
- For switch, push-button, dimmer and shutter functions
- Single and two push-button operation parameterisable
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- Retrieval, setting and storing of 8 light scenes
- Integrated temperature sensor
- Temperature measurement via internal and/or external temperature sensor with mean value formation
- Additional connection for external temperature sensor
- Usable as thermostat extension unit
- Provision of the internal temperature value via communication object
- Blocking function for sensor surface e.g. for cleaning the glass surface
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- Bus connection via connecting terminal
- For vertical mounting
- For mounting, always use the flat 2gang wall box, order no. 1871
- With adapter ring for dismantling protection, shadow jointing and special installation conditions
- With disassembly suction tool



Glass sensor 1gang comfort

- integrated bus coupling unit



Operating voltage	21 ... 32 V=
Current consumption	12.5 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	86 x 160 x 5.7 mm

Only suitable for KNX.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- with blue operation LED and 2 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Wall box 2gang flat	1871	563
optional		
Temperature sensor	161	145

i 957

DESIGN	ORDER NO.	PU
Berker TS Sensor		
glass polar white	**7514 18 30**	1
glass black	**7514 18 35**	1
glass aluminium	**7514 10 34**	1

Berker TS Sensor - configured		
glass polar white	**7514 19 30**	1
glass black	**7514 19 35**	1
glass aluminium	**7514 11 34**	1



Glass sensor 2gang comfort

- integrated bus coupling unit

Operating voltage	21 ... 32 V=
Current consumption	12.5 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	86 x 160 x 5.7 mm

Only suitable for KNX.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- with blue operation LED and 4 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Wall box 2gang flat	1871	563
optional		
Temperature sensor	161	145

i 957

DESIGN	ORDER NO.	PU
Berker TS Sensor		
glass polar white	**7514 28 30**	1
glass black	**7514 28 35**	1
glass aluminium	**7514 20 34**	1
Berker TS Sensor - configured		
glass polar white	**7514 29 30**	1
glass black	**7514 29 35**	1
glass aluminium	**7514 21 34**	1



Glass sensor 3gang comfort

- integrated bus coupling unit

Operating voltage	21 ... 32 V=
Current consumption	12.5 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	86 x 160 x 5.7 mm

Only suitable for KNX.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- with blue operation LED and 6 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Wall box 2gang flat	1871	563
optional		
Temperature sensor	161	145

i 957

DESIGN	ORDER NO.	PU
Berker TS Sensor		
glass polar white	**7514 38 30**	1
glass black	**7514 38 35**	1
glass aluminium	**7514 30 34**	1
Berker TS Sensor - configured		
glass polar white	**7514 39 30**	1
glass black	**7514 39 35**	1
glass aluminium	**7514 31 34**	1



Glass sensor 4gang comfort

- integrated bus coupling unit

Operating voltage	21 ... 32 V=
Current consumption	12.5 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	86 x 160 x 5.7 mm

Only suitable for KNX.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- with blue operation LED and 8 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Wall box 2gang flat	1871	563
optional		
Temperature sensor	161	145

i 957

DESIGN	ORDER NO.	PU
Berker TS Sensor		
glass polar white	**7514 48 30**	1
glass black	**7514 48 35**	1
glass aluminium	**7514 40 34**	1
Berker TS Sensor - configured		
glass polar white	**7514 49 30**	1
glass black	**7514 49 35**	1
glass aluminium	**7514 41 34**	1

Glass sensors with thermostat

- With integral bus coupling unit
- Operation by gently touching the sensor surfaces on the white LEDs
- For switch, push-button, dimmer and shutter functions
- Single and two push-button operation parameterisable
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- Retrieval, setting and storing of 8 light scenes
- For heating and/or cooling mode with/without auxiliary step
- Controller operating modes: comfort, standby, night and frost/heat protection mode
- LED display with symbol display
- With 2 additional sensor surfaces for display control
- Display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- Integrated temperature sensor
- Temperature measurement via internal and/or external temperature sensor with mean value formation
- Additional connection for external temperature sensor
- Usable as thermostat extension unit
- Temperature control via local measurement or measured value via object
- Blocking function for sensor surface e.g. for cleaning the glass surface
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- Separate auxiliary power supply needed
- Operation with non-choked output of KNX voltage supply possible (pay attention to current consumption)
- Bus connection via connecting terminal
- For vertical mounting
- For mounting, always use the flat 2gang wall box, order no. 1871
- With adapter ring for dismantling protection and shadow gap formation
- With disassembly suction tool



Glass sensor 2gang with thermostat

- integrated bus coupling unit

Operating voltage	21 ... 32 V=
Current consumption	23 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	86 x 160 x 5.7 mm

Only suitable for KNX.

- with blue operation LED and 4 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Wall box 2gang flat	1871	563
Electrical power supply 24 V DC RMD	7591 00 03	854
optional		
Temperature sensor	161	145

i 957

DESIGN	ORDER NO.	PU
Berker TS Sensor		
glass polar white	**7564 20 30**	1
glass black	**7564 20 35**	1
glass aluminium	**7564 20 34**	1
Berker TS Sensor - configured		
glass polar white	**7564 21 30**	1
glass black	**7564 21 35**	1
glass aluminium	**7564 21 34**	1



Glass sensor 3gang with thermostat

- integrated bus coupling unit

Operating voltage	21 ... 32 V=
Current consumption	23 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	86 x 160 x 5.7 mm

Only suitable for KNX.

- with blue operation LED and 6 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same "style" for additional applications, see the Design line B.7

SUITABLE FOR	ORDER NO.	PAGE
Wall box 2gang flat	1871	563
Electrical power supply 24 V DC RMD	7591 00 03	854
optional		
Temperature sensor	161	145

i 957

DESIGN	ORDER NO.	PU
Berker TS Sensor		
glass polar white	**7564 30 30**	1
glass black	**7564 30 35**	1
glass aluminium	**7564 30 34**	1
Berker TS Sensor - configured		
glass polar white	**7564 31 30**	1
glass black	**7564 31 35**	1
glass aluminium	**7564 31 34**	1



Wall box 2gang flat

Dimensions (W x H x D)	68 x 139 x 47.5 mm
Cut hole Ø	2 x 68 mm
Cut hole pitch	71 mm

- flush wall-mounting or with adapter ring
- for flush mounting and hollow-wall mounting

SUITABLE FOR	ORDER NO.	PAGE
Glass sensors comfort		page 805
Glass sensors with thermostat		page 808

i 957

DESIGN	ORDER NO.	PU
Wall box 2gang flat	**1871**	1

VISUALISATIONS

Operating panels



Berker Master Control

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Limit values	max. 32
Logic operations (cascadable)	80
TFT screen size	5.7 "
Resolution graphical display	320 x 240 / 240 x 320 Mpx
Graphics memory	≈ 4 MB
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	221 x 141 x 46 mm
Frequency	50/60 Hz

- freely programmable indication and operating panel with TFT touch display
- 50 dialog pages each with up to 16 parameterisable display elements (max. 400)
- display elements suitable for invoking predefined or freely-configurable functions
- calling up dialog pages about KNX object
- background bitmaps insertable (e.g. ground plans)
- linking of dialogue pages possible
- functions e.g. switching, dimming, blinds, light scenes, heating, operating modes, date, time
- functions e.g. access control, positive operation, value transmitter, value display with/without limit values
- intelligent functions e.g. time links, logic functions, multiplexes parameterisable
- display lighting, duration and type of activation and brightness adjustable in 2 stages
- indication of up to 8 RSS news feeds
- data logger for recording, evaluation and representation of measuring points as diagram
- freely selectable national language (code page) per indication page
- 50 error messages, can be parameterised
- indication of the last 20 error messages via message window, audible warning
- text display (ASCII-format)
- retrieval of e-mails
- transmission of predefined e-mails
- with synchronisable integral real-time clock with date
- time switch (weekly) with 16 channels each with 8 switching times
- presence simulation with recording and reproduction type daily sequences
- astro programme for functions during sunrise/sunset
- retrieval, adjustment and storage of 24 light scenes with up to 32 outputs
- integrated alarm system for monitoring of windows, doors and interiors
- 4 password levels for differentiated access authorization parametrizable
- integral piezo buzzer
- remote operation via PC possible
- programmable via USB interface or network
- RJ45 Port for LAN connection
- bus connection via connecting terminal
- with screw terminals

DESIGN		ORDER NO.	PU
polar white	#	**7574 00 12**	1
anthracite	#	**7574 00 13**	1



Frame for Master Control

Dimensions (W x H x D) 234 x 168 x 9 mm

Glass, high-gloss, printed on the rear.
Stainless steel, brushed.

DESIGN		ORDER NO.	PU
Stainless steel, metal matt finish	#	**7594 01 03**	1
glass polar white	#	**7594 01 01**	1
glass black	#	**7594 01 05**	1
glass aluminium	#	**7594 01 04**	1



Flush-mounted/built-in housing for mini control panels

Cavity wall opening (W x H x D)	212 x 124 x 75 mm
Dimensions (W x H x D)	216 x 134 x 75 mm
Weight	≈ 900 g

- with cleaning cover
- for flush mounting and hollow-wall mounting

DESIGN	ORDER NO.	PU
grey	# **7590 00 21**	1



IP Control RMD

Operating voltage	10 ... 30 V=
Power consumption	5 VA
receiptable addresses	32766
RAM	256 MB
Operating temperature	+0 ... +35 °C
Assembling height as from DIN rail	58 mm
Width of rail mounted device (RMD)	8 TE
Dimensions (W x H x D)	144 x 90 x 64 mm

NEW: PRODUCT VARIANT FOR USE-INDEPENDENT ROOM CONTROL:
IP control (order no. 7571 00 36) including software, with which an assignment plan can be stored, for building services engineering control according to room/building use, e.g. in schools according to timetables or in public buildings according to visiting or working times.

Knowledge of the relevant network technology is required for installation.

Mobile devices such as iPhones/iPad, mobile phones or PDAs can be linked via the Internet.

- integrated element library with standard operating elements
- freely configurable graphic operating surface for representation on the PC monitor
- up to 20 operating configurations for different applications
- integration of external control units with JAVA support (e.g. tablet PC) via WLAN
- central operating and visualisation unit for KNX via web browser
- control of multimedia applications
- for control and visualisation of e.g.shutters, lights, heating, ventilation, alarm system, sensors
- with status LED for operational stand-by, data processing, KNX communication, LAN status
- KNX server to supply up to 15 visualisation clients with KNX data
- time updating via Internet NTP server and sending on the KNX
- creation of light scenes with up to 28 telegrams each
- central functions/scenarios for heating, shutters, illumination, etc. can be configured by end user
- remote commissioning / maintenance of KNX systems possible via the Internet
- commissioning and programming without ETS via web browser
- with week and year timer function
- configuration tool for installation of IP settings and parameterisations
- support of common web browsers (IE, Netscape, Firefox etc.)
- with event indicator for e.g. status/alarm messages via e-mail
- operation with non-choked output of KNX voltage supply possible (pay attention to current consumption)
- administration of 50 users for the control of access authorisation
- database connection to the memory of utilisation/consumption data of the KNX
- can also be used with Apple Mac OS X
- with updatable Flash-Controller for subsequent function expansions
- integration of network cameras possible
- for LAN connection of individual KNX installations
- with integrated controller for logic functions (concatenations, threshold value processing)
- RJ45 Port for LAN connection
- bus connection via connecting terminal
- with screw terminals

DESIGN	ORDER NO.	PU
IP control RMD, light grey	**7571 00 04**	1
IP-Control for use-dependent room controllers RMD, light grey	**7571 00 36**	1

Berker domovea



Berker domovea Server RMD

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	24 V=
Current consumption (operation)	≈ 150 mA
Power consumption (operation)	≈ 1.5 W
RAM	128 MB
Graphics memory	≈ 20 MB
Processor	400 MHz
Operating temperature	+0 ... +45 °C
Width of rail mounted device (RMD)	6 TE

Central operating and visualisation unit for KNX installations via client software.

Knowledge of the relevant network technology is required for installation.

System requirements: Windows XP, VISTA and Windows 7 (32 or 64-bit).

- user interface can be configured individually for each room with special background images
- creation of max. 50 sequences from different actions
- for control and visualisation of e.g.shutters, lights, heating, ventilation, alarm system, sensors
- with status LEDs for LAN status, operational stand-by and connection status to web portal
- KNX server to supply up to 30 visualisation clients simultaneously with KNX data
- creation of light scenes
- creation of measured value archives and energy consumption visualisation with KNX energy meters
- configuration tool for installation of IP settings and parameterisations
- with configuration and client software on USB stick
- managing up to 30 users with different access rights
- software update via USB interface on the device
- integration of max. 10 network cameras
- RJ45 Port for LAN connection
- bus connection via connecting terminal
- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Electrical power supply 24 V DC RMD	7591 00 03	854
optional		
Berker domovea licence for remote access	7590 00 34	813

MANUFACTURER: PRODUCT LINE	ART. NO.
KNX energy meters	
Hager	

DESIGN	ORDER NO.	PU
light grey matt	**7571 00 05**	1



Berker domovea server software with USB adapter

Operating voltage interface via bus	21 ... 32 V=
RAM	128 MB
Graphics resolution	min. 1024 x 768 px
Free hard disk space	min. 500 MB

Central operating and visualisation software for operation via client software.

Knowledge of the relevant network technology is required for installation.

System requirements: Windows XP, VISTA and Windows 7 (32 or 64-bit).

- user interface can be configured individually for each room with special background images
- creation of max. 50 sequences from different actions
- for control and visualisation of e.g.shutters, lights, heating, ventilation, alarm system, sensors
- KNX server to supply up to 30 visualisation clients simultaneously with KNX data
- creation of light scenes
- creation of measured value archives and energy consumption visualisation with KNX energy meters
- configuration tool for installation of IP settings and parameterisations
- with configuration and client software on USB stick
- managing up to 30 users with different access rights
- integration of max. 10 network cameras
- processor min. 600 MHz
- with USB interface for connecting to the bus
- with connecting cable

SUITABLE FOR	ORDER NO.	PAGE
optional		
Berker domovea licence for remote access	7590 00 34	813

MANUFACTURER: PRODUCT LINE	ART. NO.
KNX energy meters	
Hager	

DESIGN	ORDER NO.	PU
Berker domovea server software with USB adapter	**7590 00 35**	1

Berker domovea licence for remote access



Licence for the activation of the remote access to a Berker domovea server via the web-portal www.domovea.com

- for remote control of the KNX building systems via Berker domovea
- licence data on USB stick

SUITABLE FOR	ORDER NO.	PAGE
Berker domovea Server RMD	7571 00 05	812
Berker domovea server software with USB adapter	7590 00 35	812

DESIGN	ORDER NO.	PU
Berker domovea licence for remote access	**7590 00 34**	1

Berker domovea set



Knowledge of the relevant network technology is required for installation.

Set consisting of:
- Berker domovea server RMD, order no. 7571 00 05
- Power supply 24 V DC RMD, order no. 7591 00 03

- The Berker domovea licence for remote access is already preinstalled on the domovea set server

DESIGN	ORDER NO.	PU
light grey matt	**7571 00 06**	1

Info displays

Bus coupling unit flush-mounted



Operating voltage over bus	21 ... 32 V=
Power consumption, KNX	≈ 100 mW
Operating temperature	-5 ... +45 °C
Insertion depth	23 mm

- with programming button and red programming LED
- as interface between KNX user module and bus line
- bus connection via connecting terminal
- without spreader claws

SUITABLE FOR	ORDER NO.	PAGE
optional		
Protective cover	7500 00 07	859
Blind plug for bus coupling unit	7594 02 ..	858

DESIGN	ORDER NO.	PU
Bus coupling unit flush-mounted	**7504 00 01**	1

Info display



Operating temperature	-5 ... +45 °C

Commissioning possible only with ETS2 V1.2a.

- LC display with illumination
- to display and initiate actions
- with anti-dismantling protection
- visual/acoustic alarm message, acknowledgable
- for max. 48 signalling groups
- programmable to 1, 2 or 4 lines
- with piezo signal generator
- 16 characters per line on max. 12 pages
- German/English

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted		page 813

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**7586 00 52**	1
polar white glossy	**7586 00 59**	1
polar white matt	**7586 00 89**	1
anthracite matt	**7586 00 85**	1
aluminium, matt, lacquered	**7586 00 83**	1
Berker Q.1/Q.3		
polar white velvety	**7586 00 29**	1
anthracite velvety, lacquered	**7586 00 26**	1







DESIGN	ORDER NO.	PU
Berker K.1/K.5		
polar white glossy	**7586 00 79**	1
anthracite matt, lacquered	**7586 00 75**	1
Aluminium, aluminium anodised	**7586 00 71**	1
Stainless steel, metal matt finish	**7586 00 73**	1
Berker Arsys		
white glossy	**7586 00 42**	1
polar white glossy	**7586 00 49**	1
light bronze matt, lacquered	**7586 00 44**	1
stainless steel matt, lacquered	**7586 00 43**	1

KNX ENOCEAN

NEW



EnOcean radio wall-transmitter module

Number of radio channels	2
Radio transmission/reception frequency	868.3 MHz
Radio transmission range (free field)	max. 300 m
Radio transmission range (building)	max. 30 m
Ambient temperature	-25 ... +65 °C
Relative humidity (without condensation)	0 ... 95 %

- Single-surface operation in conjunction with suitable radio receivers
- for the transmission of switching, dimming or blind commands to the radio receiver of the EnOcean system
- each channel can be assigned to any number of radio receivers
- provision of transmission energy through conversion of the mechanical energy on button actuation
- batteryless, maintenance-free device without external power supply
- with fitting material
- mounting with frames on even surface, e.g. also for extension of combinations
- for screw or adhesive fixing

SUITABLE FOR	ORDER NO.	PAGE
optional		
KNX EnOcean Gateway surface-mounted	7563 00 05	815

DESIGN	ORDER NO.	PU
EnOcean radio wall-transmitter module	* **2411 12 00**	1

NEW

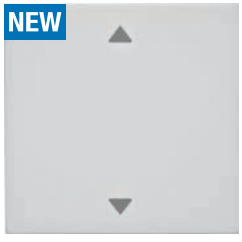


Rocker for EnOcean radio wall-transmitter module

SUITABLE FOR	ORDER NO.	PAGE
EnOcean radio wall-transmitter module	2411 12 00	814

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
polar white glossy	* **2411 11 89**	10
polar white matt	* **2411 11 09**	10
anthracite matt	* **2411 11 06**	10

NEW



Rocker with imprinted arrows symbol for EnOcean radio wall-transmitter module

SUITABLE FOR	ORDER NO.	PAGE
EnOcean radio wall-transmitter module	2411 12 00	814

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
polar white glossy	* **2411 12 89**	10
polar white matt	* **2411 12 09**	10
anthracite matt	* **2411 12 06**	10



Rocker 2gang for EnOcean radio wall-transmitter module

	SUITABLE FOR	ORDER NO.	PAGE
	EnOcean radio wall-transmitter module	2411 12 00	814

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
polar white glossy	* **2412 11 89**	10
polar white matt	* **2412 11 09**	10
anthracite matt	* **2412 11 06**	10



Rocker 2gang with imprinted arrows symbol for EnOcean radio wall-transmitter module

	SUITABLE FOR	ORDER NO.	PAGE
	EnOcean radio wall-transmitter module	2411 12 00	814

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
polar white glossy	* **2412 12 89**	10
polar white matt	* **2412 12 09**	10
anthracite matt	* **2412 12 06**	10



Rocker 2gang on one side with imprinted arrows symbol for EnOcean radio wall-transmitter module

- with imprinted arrows symbol on a rocker
- for controlling e.g. light and blind via a control section

	SUITABLE FOR	ORDER NO.	PAGE
	EnOcean radio wall-transmitter module	2411 12 00	814

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
polar white glossy	* **2412 13 89**	10
polar white matt	* **2412 13 09**	10
anthracite matt	* **2412 13 06**	10



KNX EnOcean Gateway surface-mounted

Operating voltage over bus	21 ... 32 V=
Current consumption	ca. 12 mA
Radio transmission/reception frequency	868.3 MHz (ASK)
Number of function channels	32
Ambient temperature	-5 ... +45 °C
Relative humidity (without condensation)	5 ... 93 %
Dimensions (W x H x D)	81 x 81 x 25 mm

Bi-directional gateway for transmission of EnOcean radio signals to the KNX bus or of KNX telegrams into the EnOcean system.

- each channel can be configured with different functions
- EnOcean receiver functions for conversion into KNX telegrams: including switching, dimming, blind, light scene, window contacts, temperature values, brightness values, presence simulation, room control devices
- EnOcean transmission functions for the conversion of KNX telegrams: switching, dimming, blind, valve drives
- logic and control functions
- teaching-in of the radio components using the buttons and display
- LC display for commissioning and system diagnostics
- with programming button and red programming LED
- with integrated repeater for EnOcean transmission commands
- bus connection via connecting terminal
- installation possible on flush-mounted box

	SUITABLE FOR	ORDER NO.	PAGE
	EnOcean radio wall-transmitter module	2411 12 00	814

DESIGN	ORDER NO.	PU
white	**7563 00 05**	1


Berker
A1
A2
A9
A10
ALL OFF
ON
OFF
1.1.38
A4
A5
OFF
ON

MOTION DETECTORS	818-822
PRESENCE DETECTORS	823-825
THERMOSTAT	826-827
PHYSICAL SENSORS	827-833
UNIVERSAL INTERFACES	833-834
BINARY INPUTS	834-835
COMBINATION ACTUATORS RMD	836-838
SWITCH ACTUATORS RMD	839
DIM ACTUATORS RMD	840-843
BLIND ACTUATORS RMD	843-844
ROLLER SHUTTER ACTUATORS RMD	845
HVAC ACTUATORS RMD	846-847
ANALOGUE ACTUATORS	848
ACTUATORS, FLUSH/SURFACE-MOUNTED	848-851

With KNX, a house provides a significant contribution to looking after itself: motion detectors activate lighting as necessary. Windows and doors left open by accident are signalled using magnetic contacts and can be closed automatically. In addition, when the windows are open, the heating system reduces output. Using the Berker KNX bus system, your house can learn to adapt to changed environmental conditions, when sensors register sun, rainand wind. If there is the risk of storm or rain, then a weather station registers this, the awning is retracted and any open windows in the roof are closed automatically. They turn physically-measured parameters into electrical values, process them, and, if necessary, send a telegram to the bus and your house reacts on its own.

- Energy efficiency through automatic control using time settings or sensor measured values
- Greater safety and security through functions such as presence simulation, panic circuits, motion-dependent switching of light, monitoring of opening of windows and doors, smoke detector alarms, forwarding of fault messages

Actuators are selected according to the resources they are to switch or control. This allows switchable lamps, socket outlets or fixed-location consumers to be operated with switch actuators. Dimmable consumers such as incandescent lamps, high and low-voltage halogen lamps, LEDs or compact fluorescent lamps require dim actuators. Heating actuators are used to control valve drives for heating. Complex air-conditioning controllers with ventilation systems are operated using so-called fancoil actuators. The Berker KNX System contains a special actuator type for each application. The actuators receive their information from all kinds of sensors, e.g. push-button sensors for manual actuation or weather sensors for commands according to brightness, twilight, rain, wind, temperature, etc. They execute the commands and signal the current states to the sensors and display elements, such as touch displays.

MOTION DETECTORS

NEW



KNX motion detector module comfort 1.1 m

- integrated bus coupling unit

Operating voltage over bus	21 ... 32 V=
Nominal mounting height	1.1 m
Delay time, adjustable	10 s ... 30 min
Response brightness, adjustable	≈ 5 ... 1000 lx
Detection field, rectangular shaped	≈ 10 x 10 m
Operating temperature	-5 ... +45 °C

Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the motion detector. Only suitable for indoor areas!

Automatic triggering of bus functions for movement within the detection area or manual control via integrated button.

- Push-button function: Switching functions, dimming functions, blind control functions, value transmitter functions, forced control functions, scene functions
- Specification of the controller operating mode
- Operating mode display via status LED, red/green/orange
- Operating modes: Automatic, permanent ON, ON for 2 hours, permanent OFF
- two separate function channels for brightness-dependent and brightness-independent functions
- integrated button for manual control of bus functions can be configured
- with button for automatic/permanent ON/ON for 2 hours/permanent OFF
- bus connection via connecting terminal
- with dismantling protection

SUITABLE FOR	ORDER NO.	PAGE
Cover for KNX motion detector module	7596 28 6 ..	818

DESIGN	ORDER NO.	PU
KNX motion detector module comfort 1.1 m	* **7524 20 60**	1

NEW



Cover for KNX motion detector module

SUITABLE FOR	ORDER NO.	PAGE
KNX motion detector module comfort 1.1 m	7524 20 60	818

DESIGN	ORDER NO.	PU
Berker R.1/R.3		
polar white glossy	* **7596 28 69**	1
black glossy	* **7596 28 65**	1

Controller sensors

- With cover to limit detection angle
- Also suitable as extension unit
- Cyclic transmission possible



Bus coupling unit flush-mounted

Power consumption, KNX	≈ 100 mW
Operating temperature	-5 ... +45 °C
Operating voltage over bus	21 ... 32 V=
Insertion depth	23 mm

- with programming button and red programming LED
- bus connection via connecting terminal
- without spreader claws
- as interface between KNX user module and bus line

SUITABLE FOR	ORDER NO.	PAGE
optional		
Protective cover	7500 00 07	859
Blind plug for bus coupling unit	7594 02 ..	858

DESIGN	ORDER NO.	PU
Bus coupling unit flush-mounted	**7504 00 01**	1





KNX controller comfort 1.1 m

Power consumption, KNX	≈ 110 mW
Nominal mounting height	1.1 m
Number of detection levels	2
Number of switching segments	72
Detection field, semi-oval shaped	≈ 10 x 12 m
Detection angle	180 °
Range, frontal	≈ 10 m
Range, side	each ≈ 6 m
Delay time	≈ 10 s
Additional delay time programmable	130 ms ... 306 h
Potentiometer for additional delay time	± 50 %
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, configurable	3 ... 100 / daytime operation lx
Response brightness adjustable by potentiometer	± 50 %
Lockout time	8 ms ... 140 min
Operating temperature	-5 ... +45 °C
Dimensions assembling height	23.5 mm

- with slide switch for OFF/automatic/ON
- with potentiometers for fine adjustment of the response brightness, sensitivity and delay time
- with red diagnostic LED for brightness-independent walk test function and disassembly message
- with lighting and message mode
- operating mode switched with object
- functions for lighting operating mode: Switching, Value transmitter and Light scene call
- parameter defineable lock function
- also suitable as extension unit
- alarm telegram after disconnection from bus coupling unit, 1-bit

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted		page 818

Caution:
Direct sunlight can lead to false alarms when using alarm application. Avoid using detection field equipment on windows.

Continuous direct sunlight penetrating the upward-pointing detection level can result in failure of the controller. Only suitable for indoor areas!

When movement of a person is detected a parameter defined data telegram is sent.







DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**7526 15 52**	1
polar white glossy	**7526 15 59**	1
polar white matt	**7526 15 89**	1
anthracite matt	**7526 15 85**	1
aluminium matt, lacquered	**7526 15 83**	1
Berker Q.1/Q.3		
polar white velvety	**7526 15 29**	1
anthracite velvety, lacquered	**7526 15 26**	1
Berker K.1/K.5		
polar white glossy	**7526 15 79**	1
anthracite matt, lacquered	**7526 15 75**	1
aluminium matt, lacquered	**7526 15 71**	1
stainless steel, matt, lacquered	**7526 15 73**	1
Berker Arsys		
white glossy	**7526 15 42**	1
polar white glossy	**7526 15 49**	1
light bronze matt, lacquered	**7526 15 44**	1
stainless steel matt, lacquered	**7526 15 43**	1





KNX controller comfort 2.2 m

Power consumption, KNX	≈ 110 mW
Nominal mounting height	2.2 m
Number of detection levels	2
Number of switching segments	72
Detection field, semi-oval shaped	≈ 12 x 12 m
Detection angle	180 °
Range, frontal (at 1.1 m installation height)	≈ 6 m
Range, frontal	≈ 12 m
Range, side (at 1.1 m installation height)	each ≈ 3 m
Range, side	each ≈ 6 m
Delay time	≈ 10 s
Additional delay time programmable	130 ms ... 306 h
Potentiometer for additional delay time	± 50 %
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, configurable	3 ... 100 / daytime operation lx
Response brightness adjustable by potentiometer	± 50 %
Lockout time	8 ms ... 140 min
Operating temperature	-5 ... +45 °C
Dimensions assembling height	23.5 mm

Application as for order no. 7526 15 ..

Caution:
Direct sunlight can lead to false alarms when using alarm application. Avoid using detection field equipment on windows.

When movement of a person is detected a parameter defined data telegram is sent.

- with slide switch for OFF/automatic/ON
- with potentiometers for fine adjustment of the response brightness, sensitivity and delay time
- with red diagnostic LED for brightness-independent walk test function and disassembly message
- with lighting and message mode
- operating mode switched with object
- functions for lighting operating mode: Switching, Value transmitter and Light scene call
- parameter defineable lock function
- also suitable as extension unit
- alarm telegram after disconnection from bus coupling unit, 1-bit

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted		page 818







DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**7526 16 52**	1
polar white glossy	**7526 16 59**	1
polar white matt	**7526 16 89**	1
anthracite matt	**7526 16 85**	1
aluminium matt, lacquered	**7526 16 83**	1
Berker Q.1/Q.3		
polar white velvety	**7526 16 29**	1
anthracite velvety, lacquered	**7526 16 26**	1
Berker K.1/K.5		
polar white glossy	**7526 16 79**	1
anthracite matt, lacquered	**7526 16 75**	1
aluminium matt, lacquered	**7526 16 71**	1
stainless steel matt, lacquered	**7526 16 73**	1
Berker Arsys		
white glossy	**7526 16 42**	1
polar white glossy	**7526 16 49**	1
light bronze matt, lacquered	**7526 16 44**	1
stainless steel matt, lacquered	**7526 16 43**	1





KNX controller 1.1 m

Nominal mounting height	1.1 m
Number of detection levels	2
Number of switching segments	72
Detection field, semi-oval shaped	≈ 10 x 12 m
Detection angle	180 °
Range, frontal	≈ 10 m
Range, side	each ≈ 6 m
Delay time	≈ 10 s
Additional delay time programmable	130 ms ... 152 ms
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, configurable	1 ... 1000 / daytime operation lx
Lockout time	8 ms ... 140 min
Operating temperature	-5 ... +45 °C
Dimensions assembling height	23.5 mm

- with potentiometer for fine adjustment of the response sensitivity
- parameter defineable lock function
- also suitable as extension unit

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted		page 818

Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the motion detector. Only suitable for indoor areas!

When movement of a person is detected a parameter defined data telegram is sent.

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**7526 11 52**	1
polar white glossy	**7526 11 59**	1
polar white matt	**7526 11 89**	1
anthracite matt	**7526 11 85**	1
aluminium matt, lacquered	**7526 11 83**	1



Berker Q.1/Q.3		
polar white velvety	**7526 11 29**	1
anthracite velvety, lacquered	**7526 11 26**	1



Berker K.1/K.5		
polar white glossy	**7526 11 79**	1
anthracite matt, lacquered	**7526 11 75**	1
aluminium matt, lacquered	**7526 11 71**	1
stainless steel matt, lacquered	**7526 11 73**	1



Berker Arsys		
white glossy	**7526 11 42**	1
polar white glossy	**7526 11 49**	1
light bronze matt, lacquered	**7526 11 44**	1
stainless steel matt, lacquered	**7526 11 43**	1





KNX controller 2.2 m

Nominal mounting height	2.2 m
Number of detection levels	2
Number of switching segments	72
Detection field, semi-oval shaped	≈ 12 x 12 m
Detection angle	180 °
Range, frontal (at 1.1 m installation height)	≈ 6 m
Range, frontal	≈ 12 m
Range, side (at 1.1 m installation height)	each ≈ 3 m
Range, side	each ≈ 6 m
Delay time	≈ 10 s
Additional delay time programmable	130 ms ... 152 h
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, configurable	1 ... 1000 / daytime operation lx
Lockout time	8 ms ... 140 min
Operating temperature	-5 ... +45 °C
Dimensions assembling height	23.5 mm

Application as for order no. 7526 11 ..
When movement of a person is detected a parameter defined data telegram is sent.

- with potentiometer for fine adjustment of the response sensitivity
- parameter defineable lock function
- also suitable as extension unit

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted		page 818

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**7526 12 52**	1
polar white glossy	**7526 12 59**	1
polar white matt	**7526 12 89**	1
anthracite matt	**7526 12 85**	1
aluminium matt, lacquered	**7526 12 83**	1
Berker Q.1/Q.3		
polar white velvety	**7526 12 29**	1
anthracite velvety, lacquered	**7526 12 26**	1







Berker K.1/K.5		
polar white glossy	**7526 12 79**	1
anthracite matt, lacquered	**7526 12 75**	1
aluminium matt, lacquered	**7526 12 71**	1
stainless steel matt, lacquered	**7526 12 73**	1
Berker Arsys		
white glossy	**7526 12 42**	1
polar white glossy	**7526 12 49**	1
light bronze matt, lacquered	**7526 12 44**	1
stainless steel matt, lacquered	**7526 12 43**	1

PRESENCE DETECTORS

Presence detectors

- With push-on cover to limit the detection field
- With teach object for response brightness
- With potentiometers for fine adjustment of the response brightness, sensitivity and delay time
- Energy saving by means of presence and brightness-dependent switching of lights, heating etc.



KNX presence detector comfort

Recommended ceiling height	≈ 2.5 m
Number of detection levels	6
Number of switching segments	320
Activation on movement	< 30 cm
Detection field Ø, on floor	≈ 8 m
Detection field Ø, at desk height	≈ 5 m
Detection angle	360 °
Operating temperature	-5 ... +45 °C
Dimensions (Ø x assembling height)	103 x 42 mm

When movement of a person is detected a parameter defined data telegram is sent.

- can be used as a single unit, main device or extension unit
- with 3 operating modes: presence detector, ceiling controller and signal operation
- with 4 output channels for which parameters are set independently, max. 2 per operating mode

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted		page 818
optional		
Surface-mounted housing for BLC and KNX presence detector	1076 09	97

DESIGN	ORDER NO.	PU
KNX presence detector comfort	**7526 40 01**	1



KNX presence detector

Recommended ceiling height	≈ 2.5 m
Number of detection levels	6
Number of switching segments	320
Activation on movement	< 30 cm
Detection field Ø, on floor	≈ 8 m
Detection field Ø, at desk height	≈ 5 m
Detection angle	360 °
Operating temperature	-5 ... +45 °C
Dimensions (Ø x assembling height)	103 x 42 mm

When movement of a person is detected a parameter defined data telegram is sent.

- with 2 operating modes: presence detector or ceiling controller
- with 2 output channels for which the parameters are to be set independently
- can only be used as individual unit

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted		page 818
optional		
Surface-mounted housing for BLC and KNX presence detector	1076 09	97

DESIGN	ORDER NO.	PU
polar white matt	**7526 20 01**	1



Surface-mounted housing for BLC and KNX presence detector

Dimensions (Ø x assembling height)	103 x 45 mm

- cable entry from all sides possible

SUITABLE FOR	ORDER NO.	PAGE
KNX presence detector	7526 20 01	823
KNX presence detector comfort	7526 40 01	823

DESIGN	ORDER NO.	PU
polar white matt	**1076 09**	1

IR presence detectors

- With spring clips for ceiling installation
- With integral bus coupling unit
- With potentiometers for fine adjustment of the response brightness and delay time without dismantling
- Output channel for switching, dimming or calling up scenes
- Energy saving by means of presence and brightness-dependent switching of lights, heating etc.
- Linking several detectors in order to expand the detection range



IP41

KNX IR presence detector comfort

Operating voltage over bus	21 ... 32 V=
230 V incandescent lamps and halogen lamps	2300 W
Conventional transformers	1500 VA
Electronic transformers	1500 W
Fluorescent lamps:	
- parallel compensated	1000 VA
Recommended installation height	≈ 2.5 ... 3.5 m
Detection field Ø, on floor	≈ 7 m
Detection field Ø, at desk height	≈ 5 m
Detection angle	360 °
Delay time, adjustable	≈ 1 min ... 1 h
Brightness measuring range	5 ... 1000 lx
Operating temperature	-10 ... +45 °C
Installation opening Ø	60 ... 63 mm
Installation wall thickness	10 ... 28 mm
Dimensions (Ø x H)	78 x 70 mm

- with integral bus coupling unit
- switch output can be integrated for control via bus or direct connection of loads

SUITABLE FOR	ORDER NO.	PAGE
optional		
IR hand-held transmitter for presence detector	7590 40 01	100
IR configuration hand-held transmitter for presence detector	7590 40 02	100
Surface-mounted housing for IR presence detector	1701 05	100

DESIGN	ORDER NO.	PU
polar white matt	**7524 10 03**	1



IP41

KNX DALI IR presence detector comfort

Operating voltage over bus	21 ... 32 V=
Recommended installation height	≈ 2.5 ... 3.5 m
Detection field Ø, on floor	≈ 7 m
Detection field Ø, at desk height	≈ 5 m
Detection angle	360 °
Delay time, adjustable	≈ 1 min ... 1 h
Brightness measuring range	5 ... 1000 lx
Operating temperature	-10 ... +45 °C
Installation opening Ø	60 ... 63 mm
Installation wall thickness	10 ... 28 mm
Dimensions (Ø x H)	78 x 70 mm

- with integral bus coupling unit
- integrated DALI/DSI output (broadcast) for switching/controlling 24 DALI/DSI electronic ballasts
- with constant light control

SUITABLE FOR	ORDER NO.	PAGE
optional		
IR hand-held transmitter for presence detector	7590 40 01	100
IR configuration hand-held transmitter for presence detector	7590 40 02	100
Surface-mounted housing for IR presence detector	1701 05	100

DESIGN	ORDER NO.	PU
polar white matt	**7524 10 04**	1



Surface-mounted housing for IR presence detector

Dimensions (Ø x H)	75 x 67 mm

- with cable entry

SUITABLE FOR	ORDER NO.	PAGE
KNX IR presence detector comfort	7524 10 03	824
KNX DALI IR presence detector comfort	7524 10 04	824

DESIGN	ORDER NO.	PU
polar white matt	**1701 05**	1



IP30

IR hand-held transmitter for presence detector

Dimensions (L x W x H)	120 x 70 x 10 mm
Battery service life [years]	≈ 3.5

Scope of functions dependent on the controlled presence detector.

Required battery (CR 2032) is included in the scope of delivery.

For control for the lighting connected to the presence detector.

- RC6 code
- additional acknowledgement LED for displaying the IR transmission
- with 4 function buttons (calling up/saving light scene)
- with green "on" and red "off" button (on/off, dimmer function)

SUITABLE FOR	ORDER NO.	PAGE
IR presence detectors		page 99
KNX IR presence detector comfort	7524 10 03	824
KNX DALI IR presence detector comfort	7524 10 04	824



DESIGN	ORDER NO.	PU
black matt	**7590 40 01**	1



IP30

IR configuration hand-held transmitter for presence detector

Dimensions (L x W x H)	111 x 63 x 10 mm
Battery service life [years]	≈ 3.5

Required battery (CR 2032) is included in the scope of delivery.

For convenient configuration of supported presence detectors.

- RC6 code
- additional acknowledgement LED for displaying the IR transmission
- 15 buttons with integrated status-LED
- 3 configuration ranges for control, switch-off delay, brightness threshold
- setting of the brightness threshold manually, by default values or teach-in mode
- default settings can be selected for the brightness threshold daylight, office, corridor
- 2 configuration memories for identical configuration of several presence detectors

SUITABLE FOR	ORDER NO.	PAGE
IR presence detectors		page 99
KNX IR presence detector comfort	7524 10 03	824
KNX DALI IR presence detector comfort	7524 10 04	824



DESIGN	ORDER NO.	PU
black matt	**7590 40 02**	1

THERMOSTATS

- For individual single room temperature control
- For heating and/or cooling mode
- Heating or cooling possible in 2 stages
- Bus connection via connecting terminal
- For continuous (PI) or switched (2-point) control
- With dismantling protection
- 4 binary inputs or 2-3 binary inputs and 1-2 outputs parameterisable
- With 4 independent binary inputs for potential-free contacts e.g. window magnetic contact
- Behaviour can be defined for bus voltage return
- Binary inputs / outputs with screw terminals
- Valve protection can be defined



KNX thermostat

- Setting knob
- integrated bus coupling unit

Output current per channel	max. 0.8 mA
Set value control by setting knob	± 0 ... 5 K
Operating temperature	-5 ... +45 °C
Cable length, inputs/outputs	max. 5 m
Sensor cable length	50 m

Binary input 4 parameter defineable for temperature sensor, order no. 161.

- operating modes:comfort, standby, night lowering, frost/ heat protection, dewpoint displayed with LED
- with presence button for switching between comfort and standby mode
- with programming button and red programming LED
- presence button and setting knob can be programmed to have no functions
- with status LEDs: red for heating, blue for cooling and yellow for activation
- without spreader claws

SUITABLE FOR	ORDER NO.	PAGE
optional		
Temperature sensor		page 827







DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**7544 11 52**	1
polar white glossy	**7544 11 59**	1
polar white matt	**7544 11 89**	1
anthracite matt	**7544 11 85**	1
aluminium matt, lacquered	**7544 11 83**	1
Berker Q.1/Q.3		
polar white velvety	**7544 11 29**	1
anthracite velvety, lacquered	**7544 11 26**	1
Berker K.1/K.5		
polar white glossy	**7544 11 79**	1
anthracite matt, lacquered	**7544 11 75**	1
aluminium matt, lacquered	**7544 11 71**	1
stainless steel matt, lacquered	**7544 11 73**	1
Berker Arsys		
white glossy	**7544 11 42**	1
polar white glossy	**7544 11 49**	1
light bronze matt, lacquered	**7544 11 44**	1
stainless steel matt, lacquered	**7544 11 43**	1



KNX object thermostat

- integrated bus coupling unit

Output current per channel	max. 0.8 mA
Operating temperature	-5 ... +45 °C
Cable length, inputs/outputs	max. 5 m
Sensor cable length	50 m

Binary input 4 parameter defineable for temperature sensor, order no. 161.

- operating modes: comfort, standby, night lowering, frost/heat protected, dewpoint
- with programming button and red programming LED
- without spreader claws

SUITABLE FOR	ORDER NO.	PAGE
optional		
Temperature sensor	161	145

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**7544 12 52**	1
polar white glossy	**7544 12 59**	1
polar white matt	**7544 12 89**	1
anthracite matt	**7544 12 85**	1
aluminium matt, lacquered	**7544 12 83**	1



Berker Q.1/Q.3		
polar white velvety	**7544 12 29**	1
anthracite velvety, lacquered	**7544 12 26**	1



Berker K.1/K.5		
polar white glossy	**7544 12 79**	1
anthracite matt, lacquered	**7544 12 75**	1
Aluminium, aluminium anodised	**7544 12 71**	1
Stainless steel, metal matt finish	**7544 12 73**	1



Berker Arsys		
white glossy	**7544 12 42**	1
polar white glossy	**7544 12 49**	1
light bronze matt, aluminium lacquered	**7544 12 44**	1
Stainless steel, metal matt finish	**7544 12 43**	1



Temperature sensor

Characteristic resistance value at 25 °C	33 kΩ
Sensor cable length	4 m

- as replacement or function extension of products with suitable connection, such as thermostat, glass sensors or KNX thermostat

SUITABLE FOR	ORDER NO.	PAGE
Glass sensors comfort		page 805
Glass sensors with thermostat		page 808
KNX thermostat		page 826
KNX object thermostat		page 827

DESIGN	ORDER NO.	PU
Temperature sensor	**161**	1

PHYSICAL SENSORS



Brightness sensor 3gang RMD

Operating voltage over bus	21 ... 32 V=
Brightness measuring range	1 ... 100 lx
Brightness measuring range 2	0.1 ... 20 klx
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	60 mm
Width of rail mounted device (RMD)	2 TE
Dimensions, RMD module (W x H x D)	35.8 x 86 x 66 mm
Dimensions, sensor (W x H x D)	27 x 86 x 38 mm

- three brightness limit values for independent control of switching channels
- switch-on delay, hysteresis and cyclical transmission programmable
- brightness-dependent control of light scenes
- with programming button and red programming LED
- with surface-mounted brightness sensor IP65
- with integral bus coupling unit
- bus connection via connecting terminal
- with screw terminals

DESIGN	ORDER NO.	PU
light grey	**7521 30 06**	1



IP54

Brightness and temperature sensor surface-mounted

Operating voltage over bus	21 ... 32 V=
Brightness measuring range, linear	1 lx ... 100 klx
Temperature measuring range, linear	-25 ... +55 °C
Operating temperature	-25 ... +55 °C
Dimensions (W x H x D)	72 x 110 x 54 mm

- 4 independent channels with individual limit values for processing brightness and/or temperature
- logic AND operation of the limit values can be set for each channel
- additional sun protection channel with objects for Venetian blind control
- with integral bus coupling unit
- bus connection via connecting terminal
- teach object for brightness limit value for each channel

DESIGN	ORDER NO.	PU
polar white	**7549 20 02**	1

Weather stations



IP44

Weather station surface-mounted

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	24 V~
Rated current (heating incl.)	300 mA
Temperature measuring range, linear	-20 ... +55 °C
Brightness measuring range, linear (east, south, west)	0 ... 110 klx
Twilight measuring range, linear	0 ... 674 lx
Measuring range, wind speed	1 ... 40 m/s
Precipitation (Yes/No)	1 bit
Spectral range	≈ 700 ... 1050 nm
Operating temperature	-20 ... +55 °C
Sensor head, rotatable by	± 90 °
Weight	≈ 240 g

- with heater element for winter operation
- brightness measuring is possible in 3 directions
- with wind, precipitation, twilight, temperature and 3 brightness sensors
- with integral bus coupling unit
- bus connection via connecting terminal
- with logic gates for linking the limiting value results
- with blocking modules for filtering input objects depending on blocking objects
- software protected operation supervision for wind sensor
- with magnet for programming reed contact and red programming LED
- with plug-in terminals for power supply
- for wall mounting

Ensure correct orientation and free-standing installation.
For detection of wind, precipitation, temperature and brightness, and to process the signals.

Separate 24 V DC auxiliary power supply needed!

SUITABLE FOR	ORDER NO.	PAGE
Power supply 24 V AC RMD	7591 00 01	832
optional		
Mast fixing for controllers/sensors	154	105
Corner mounting piece for controllers/sensors	149 09	105
replacement		
Programming magnet	7590 00 19	847

DESIGN	ORDER NO.	PU
aluminium, matt, lacquered	**7549 00 01**	1



Weather station 4gang comfort RMD

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	24 V~
Voltage, inputs	0-1; 0-10 V
Input impedence, voltage	18 kΩ
Output voltage	24 V=
Sensor output voltage	24 V=
Sensor output current	max. 100 mA
Inputs, current	0-20; 4-20 mA
Input impedence, current	100 Ω
Limit values	per channel 2
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE
Frequency	50/60 Hz

For detection of wind, precipitation, temperature and brightness, and to process the signals.

Separate 24 V DC auxiliary power supply needed!

Input signals according to DIN IEC 381-1, -2

- processing of the DCF77 time signal of the combination sensor for input in KNX
- with green/red status LED (operation/fault)
- cyclic supervision of the combination sensor
- with programming button and red programming LED
- for active and passive sensors
- for surface-mounted combination weather sensor
- for wind, precipitation, brightness, temperature, twilight as well as humidity and temperature sensor, surface-mounted
- conclusiveness test and cyclic supervision of the combi weather sensor signals
- bus connection via connecting terminal
- inputs parameterisable can be set individually
- with logic gates for linking the limiting value results
- input 4-20 mA will be controlled for wire break
- delay times and hysteresis adjustable
- software protected operation supervision for wind sensor

- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Power supply 24 V AC RMD	7591 00 01	832
Wind sensor surface-mounted	7590 00 50	831
Rain sensor surface-mounted	7590 00 52	831
Brightness sensor surface-mounted	7590 00 53	830
Temperature sensor surface-mounted	7590 00 54	832
Twilight sensor surface-mounted	7590 00 55	831
Combi sensor surface-mounted	7590 00 57	830
optional		
Analogue input module 4gang	7542 40 04	830

DESIGN	ORDER NO.	PU
light grey	**7541 40 03**	1

Analogue inputs



Analogue input 4gang RMD

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	24 V~
Frequency	50/60 Hz
Voltage, inputs	0-1; 0-10 V
Input impedence, voltage	18 kΩ
Sensor output voltage	24 V=
Sensor output current	max. 100 mA
Current consumption	170 mA
Inputs, current	0-20; 4-20 mA
Input impedence, current	100 Ω
Limit values	per channel 2
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE

The analogue input is for the registration and treatment of independent analogue sensor signals. Depending on the input signal, limiting value messages can be transmitted via KNX.

Separate 24 V DC auxiliary power supply needed!

Input signals according to DIN IEC 381-1, -2

- with green/red status LED (operation/fault)
- with programming button and red programming LED
- for active sensors
- for wind, precipitation, brightness, temperature, twilight as well as humidity and temperature sensor, surface-mounted
- extendable with an analogue input module 4gang
- bus connection via connecting terminal
- inputs parameterisable can be set individually
- input 4-20 mA will be controlled for wire break
- cyclic transmission or transmission at absolute input modification settable
- with screw terminals
- with system interface for analogue input module

SUITABLE FOR	ORDER NO.	PAGE
Power supply 24 V AC RMD	7591 00 01	832
Wind sensor surface-mounted	7590 00 50	831
Rain sensor surface-mounted	7590 00 52	831
Brightness sensor surface-mounted	7590 00 53	830
Temperature sensor surface-mounted	7590 00 54	832
Twilight sensor surface-mounted	7590 00 55	831
optional		
Analogue input module 4gang	7542 40 04	830

DESIGN	ORDER NO.	PU
light grey	**7541 40 04**	1



Analogue input module 4gang

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	24 V~
Frequency	50/60 Hz
Voltage, inputs	0-1; 0-10 V
Input impedence, voltage	18 kΩ
Sensor output voltage	24 V=
Sensor output current	max. 100 mA
Current consumption	170 mA
Inputs, current	0-20; 4-20 mA
Input impedence, current	100 Ω
Limit values	per channel 2
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE

Input signals according to DIN IEC 381-1, -2

- with green/red status LED (operation/fault)
- for active sensors
- for wind, precipitation, brightness, temperature, twilight as well as humidity and temperature sensor, surface-mounted
- as extension for analogue input 4gang and weather station 4gang comfort
- input 4-20 mA will be controlled for wire break
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Weather station 4gang comfort RMD	7541 40 03	829
Analogue input 4gang RMD	7541 40 04	829

DESIGN	ORDER NO.	PU
light grey	**7542 40 04**	1

Sensors for weather station/analogue input



IP55

Combi sensor surface-mounted

Output load voltage	> 1.5 kΩ
Heating voltage via weather station	24 V~
Rated current (heating incl.)	600 mA
Brightness measuring range, linear (east, south, west)	0 ... 100 klx
Twilight measuring range, linear	0 ... 250 lx
Precipitation (Yes/No)	1 bit
Switch-on delay [Precipitation particles]	≈ 3
Switch-off delay on precipitation	≈ 2 min
Measuring range, wind speed	1 ... 40 m/s
Spectral range	≈ 700 ... 1050 nm
Operating temperature	-40 ... +60 °C
Line length	10 m
Cable length extendable to	max. 50 m
Conductor cross-section	6 x 0.25 mm²
Length, mounting bracket	150 mm
Dimensions (Ø x H)	130 x 200 mm

Ensure correct orientation and free-standing installation.
For detection of wind, rainfall, sun and twilight.

- with wind, precipitation, twilight and 3 brightness sensors
- conclusiveness test and cyclic supervision of the sensor signals with weather station comfort
- with radio receiver for the DCF77 signal
- with mounting angle and pipe clamp
- for wall and mast assembly
- for the connection to the weather station 4gang comfort RMD with voltage supply
- with PTC heater element for winter operation
- brightness measuring is possible in 3 directions
- DCF77 antenna 45° rotatable
- with operation/status buzzer
- with magnet and initialisation reed contact
- confectioned with 6-core wire and plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Weather station 4gang comfort RMD	7541 40 03	829
Power supply 24 V AC RMD	7591 00 01	832
replacement		
Programming magnet	7590 00 19	847

DESIGN	ORDER NO.	PU
black	**7590 00 57**	1



IP65

Brightness sensor surface-mounted

Operating voltage	24 V=
Output load voltage	> 1 kΩ
Rated current	0.005 A
Brightness measuring range, linear	0 lx ... 60 klx
Operating temperature	-30 ... +70 °C
Line length	max. 100 m
Conductor cross-section	3 x 0.25 mm²
Dimensions (W x H x D)	58 x 64 x 35 mm

To detect ambient brightness.

- passive sensor
- with screw terminals
- for connection to analogue input and input module 4gang RMD with power supply
- for the connection to the weather station 4gang comfort RMD with voltage supply
- converts the measured values into 0-10 V signals
- with threaded joint dia. 12.5 mm (PG 7)

SUITABLE FOR	ORDER NO.	PAGE
Weather station 4gang comfort RMD	7541 40 03	829
Analogue input 4gang RMD	7541 40 04	829
Analogue input module 4gang	7542 40 04	830
optional		
Mast adapter for surface-mounted sensors	7590 00 46	833

DESIGN	ORDER NO.	PU
grey	**7590 00 53**	1



IP65

Twilight sensor surface-mounted

Operating voltage	24 V=
Output load voltage	> 1 kΩ
Rated current	0.005 A
Brightness measuring range, linear	0 ... 255 lx
Operating temperature	-30 ... +70 °C
Line length	max. 100 m
Conductor cross-section	3 x 0.25 mm²
Dimensions (W x H x D)	58 x 64 x 35 mm

To detect ambient brightness.

- passive sensor
- with screw terminals
- for connection to analogue input and input module 4gang RMD with power supply
- for the connection to the weather station 4gang comfort RMD with voltage supply
- converts the measured values into 0-10 V signals
- with threaded joint dia. 12.5 mm (PG 7)

SUITABLE FOR	ORDER NO.	PAGE
Weather station 4gang comfort RMD	7541 40 03	829
Analogue input 4gang RMD	7541 40 04	829
Analogue input module 4gang	7542 40 04	830
optional		
Mast adapter for surface-mounted sensors	7590 00 46	833

DESIGN	ORDER NO.	PU
grey	**7590 00 55**	1



IP65

Wind sensor surface-mounted

Operating voltage	24 V=
Output load voltage	> 1.5 kΩ
Rated current (excluding heater)	12 mA
Measuring range, wind speed	0.7 ... 40 m/s
Operating temperature	-25 ... +60 °C
Line length	3 m
Cable length extendable to	max. 100 m
Conductor cross-section	6 x 0.25 mm²
Length, wall bracket	150 mm
Dimensions (Ø x H)	134 x 160 mm

To detect wind speed.

- passive sensor
- for connection to analogue input and input module 4gang RMD with power supply
- for the connection to the weather station 4gang comfort RMD with voltage supply
- with PTC heater element for winter operation
- converts the measured values into 0-10 V signals
- pre-assembled, with cable

SUITABLE FOR	ORDER NO.	PAGE
Weather station 4gang comfort RMD	7541 40 03	829
Analogue input 4gang RMD	7541 40 04	829
Analogue input module 4gang	7542 40 04	830
Power supply 24 V AC RMD	7591 00 01	832
optional		
Mast adapter for surface-mounted sensors	7590 00 46	833

DESIGN	ORDER NO.	PU
white	**7590 00 50**	1



IP65

Rain sensor surface-mounted

Operating voltage	24 V=
Output load voltage	> 1 kΩ
Rated current (excluding heater)	10 mA
Operating temperature	-30 ... +70 °C
Line length	3 m
Cable length extendable to	max. 100 m
Conductor cross-section	5 x 0.25 mm²
Dimensions sensor (L x W x H)	60 x 82 x 17 mm
Dimensions, mounting bracket (W x H x D)	90 x 91 x 78 mm
Mast Ø	max. 62 mm

For detection of precipitation.

- passive sensor
- with stainless steel mounting bracket approx. 70°
- with pipe clamp for mast fixing
- for connection to analogue input and input module 4gang RMD with power supply
- for the connection to the weather station 4gang comfort RMD with voltage supply
- with PTC heater element for drying
- converts the measured values into 0 and 10 V signals
- pre-assembled, with cable

SUITABLE FOR	ORDER NO.	PAGE
Weather station 4gang comfort RMD	7541 40 03	829
Analogue input 4gang RMD	7541 40 04	829
Analogue input module 4gang	7542 40 04	830
Power supply 24 V AC RMD	7591 00 01	832
optional		
Mast adapter for surface-mounted sensors	7590 00 46	833

DESIGN	ORDER NO.	PU
grey	**7590 00 52**	1



IP65

Temperature sensor surface-mounted

Operating voltage	24 V=
Output load voltage	> 1 kΩ
Rated current	≈ 3 mA
Temperature measuring range, linear	-30 ... +70 °C
Operating temperature	-30 ... +70 °C
Line length	max. 100 m
Conductor cross-section	3 x 0.25 mm²
Dimensions (W x H x D)	58 x 64 x 35 mm

To detect ambient temperature.

- passive sensor
- with screw terminals
- for connection to analogue input and input module 4gang RMD with power supply
- for the connection to the weather station 4gang comfort RMD with voltage supply
- converts the measured values into 0-10 V signals
- with threaded joint dia. 12.5 mm (PG 7)

SUITABLE FOR	ORDER NO.	PAGE
Weather station 4gang comfort RMD	7541 40 03	829
Analogue input 4gang RMD	7541 40 04	829
Analogue input module 4gang	7542 40 04	830
optional		
Mast adapter for surface-mounted sensors	7590 00 46	833

DESIGN	ORDER NO.	PU
grey	**7590 00 54**	1

Supplementary products



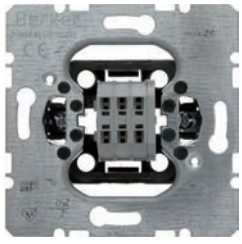
Power supply 24 V AC RMD

Operating voltage	230 V~
Frequency	50/60 Hz
Output voltage	24 V~
Output current	max. 1 A
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE

- for weather station comfort as well as analogue input and actuator 4gang RMD
- short-circuit-proof and overload proof (thermal protection)
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Weather station 4gang comfort RMD	7541 40 03	829
Analogue input 4gang RMD	7541 40 04	829
Weather station surface-mounted	7549 00 01	828
Analogue actuator 4gang RMD	7551 40 01	848
Combi sensor surface-mounted	7590 00 57	830
Wind sensor surface-mounted	7590 00 50	831
Rain sensor surface-mounted	7590 00 52	831
IP router RMD	7501 00 16	856

DESIGN	ORDER NO.	PU
light grey	**7591 00 01**	1



Sensor insert

- e.g. for temperature sensor PT100
- with plug-in terminals
- without spreader claws

DESIGN	ORDER NO.	PU
Sensor insert	**7594 10 01**	10



Central plate for sensor insert

Caution!
Use only with intermediate ring for central plate from the corresponding range.
Labelling field cannot be used.

- e.g. for temperature sensor PT100
- with slots for air circulation

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7, Q.1/Q.3, K.1/K.5, Arsys		
white glossy	**7594 04 02**	1
polar white glossy	**7594 04 09**	1
polar white matt/velvety	**7594 04 89**	1
anthracite matt	**7594 04 85**	1
aluminium matt, lacquered	**7594 04 83**	1
light bronze matt, lacquered	**7594 04 04**	1
stainless steel matt, lacquered	**7594 04 03**	1



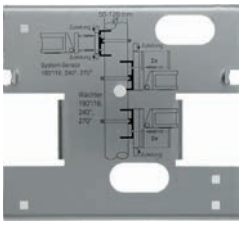
Mast adapter for surface-mounted sensors

Dimensions (W x H x D)	70 x 64 x 60 mm
Mast Ø	42 mm

- for wind, precipitation, brightness, temperature and twilight sensor, surface-mounted
- for installation of max. 4 surface-mounted sensors

SUITABLE FOR	ORDER NO.	PAGE
RolloTec wind sensor	172 01 ..	126
Wind sensor surface-mounted	7590 00 50	831
Rain sensor surface-mounted	7590 00 52	831
Brightness sensor surface-mounted	7590 00 53	830
Temperature sensor surface-mounted	7590 00 54	832
Twilight sensor surface-mounted	7590 00 55	831

DESIGN	ORDER NO.	PU
black	**7590 00 46**	1



Mast fixing for controllers/sensors

Mast Ø	50 ... 120 mm

SUITABLE FOR	ORDER NO.	PAGE
Radio controller surface-mounted	1 7401 09 ..	705
System controller 180°	151 09 ..	103
System controller 240°	152 09 ..	103
Weather station surface-mounted	7549 00 01	828

DESIGN	ORDER NO.	PU
Mast fixing for controllers/sensors	**154**	1



Corner mounting piece for controllers/sensors

- for mounting, e.g. on building corners

SUITABLE FOR	ORDER NO.	PAGE
Radio controller surface-mounted	1 7401 09 ..	705
System controller 180°	151 09 ..	103
System controller 240°	152 09 ..	103
Weather station surface-mounted	7549 00 01	828

DESIGN	ORDER NO.	PU
polar white glossy	**149 09**	1

UNIVERSAL INTERFACES

- With programming button and red programming LED
- Single and two push-button operation parameterisable
- Extension unit for light scene push-button
- Bus connection via connecting terminal



Universal interface 2gang flush-mounted

Operating voltage over bus	21 ... 32 V=
Input scanning voltage	per channel 5 V
Output current per channel	max. 0.8 mA
Operating temperature	-5 ... +45 °C
Line length	≈ 250 mm
Cable length extendable to	max. 5 m
Dimensions (L x W x H)	43 x 28.5 x 15.5 mm

- for impulse counter function, input 2 is required for the synchronising signal
- functions: impulse counter or switch counter for input 1
- for switch, push-button, dimmer and shutter functions
- 2 binary inputs, 2 outputs or 1 binary input and 1 output parameterisable
- with 2 independent binary inputs for potential-free contacts
- outputs for LEDs, e.g. as status LED
- one push-button operation for switching, pushing, shutters and dimming
- blind operating concepts short-long-short and long-short parameterisable
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

SUITABLE FOR	ORDER NO.	PAGE
DETECTORS/SENSORS		page 869
ACTIVATING DEVICES		page 872

DESIGN	ORDER NO.	PU
light grey	**7564 20 01**	1



Universal interface 4gang flush-mounted

Operating voltage over bus	21 ... 32 V=
Input scanning voltage	per channel 5 V
Output current for channel 1 and channel 2	max. 0.8 mA
Operating temperature	-5 ... +45 °C
Line length	≈ 250 mm
Cable length extendable to	max. 5 m
Dimensions (L x W x H)	43 x 28.5 x 15.5 mm

- for impulse counter function, inputs 3 and 4 are required for the synchronising signal
- functions: impulse counter or switch counter for inputs 1 and 2
- for switch, push-button, dimmer and shutter functions
- 4 binary inputs or 2-3 binary inputs and 1-2 outputs parameterisable
- with 4 independent binary inputs for potential-free contacts
- outputs for LEDs, e.g. as status LED
- one push-button operation for switching, pushing, shutters and dimming
- blind operating concepts short-long-short and long-short parameterisable
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

SUITABLE FOR	ORDER NO.	PAGE
DETECTORS/SENSORS		page 869
ACTIVATING DEVICES		page 872

DESIGN	ORDER NO.	PU
light grey	**7564 40 01**	1



Universal interface 8gang flush-mounted

Operating voltage over bus	21 ... 32 V=
Input scanning voltage	per channel 20 V
Output current per channel	max. 0.8 mA
Operating temperature	-5 ... +45 °C
Line length	max. 10 m
Dimensions (W x H x D)	44 x 48 x 32 mm

- for switch, push-button, dimmer and shutter functions
- 8 binary inputs, 8 outputs or 4 binary inputs and 4 outputs parameterisable
- with 8 independent binary inputs for potential-free contacts
- outputs for LEDs, e.g. as status LED
- one push-button operation for switching, pushing and dimming
- blind operating concepts short-long-short and long-short parameterisable
- second operating level by object or 3-button handle (only 8-input application)
- dimming / position value transmitter 1 byte
- short-circuit and overload proof (electronic fuse)
- protected against polarity reversal
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
DETECTORS/SENSORS		page 869
ACTIVATING DEVICES		page 872

DESIGN	ORDER NO.	PU
black	**7564 80 01**	1

BINARY INPUTS



Binary input 4gang RMD 230 V

Operating voltage over bus	21 ... 32 V=
Neon lamp current	max. 2 mA
Signal voltage	110 ... 230 V~/=
Signal frequency	50/60 Hz
Signal current	7 mA
Signal duration	200 ms ... 100 % ED
Operating temperature	-5 ... +45 °C
Input cable length	max. 100 m
Assembling height as from DIN rail	58 mm
Dimensions (W x H x D)	36 x 90 x 65 mm
Width of rail mounted device (RMD)	2 TE

- with 4 yellow status LEDs for input states
- with programming button and red programming LED
- bus connection via connecting terminal
- with 4 independent binary inputs with separate neutral conductor
- suitable for different external conductors
- with screw terminals

Detects the presence of or change in a voltage level at its inputs and, depending on the chosen application, sends telegrams over the KNX.

DESIGN	ORDER NO.	PU
light grey	**7521 40 08**	1



Binary input 8gang RMD 230 V

Operating voltage over bus	21 ... 32 V=
Neon lamp current	max. 2 mA
Signal voltage	110 ... 230 V~/=
Signal frequency	50/60 Hz
Signal current	7 mA
Signal duration	200 ms ... 100 % ED
Operating temperature	-5 ... +45 °C
Input cable length	max. 100 m
Assembling height as from DIN rail	58 mm
Dimensions (W x H x D)	72 x 90 x 65 mm
Width of rail mounted device (RMD)	4 TE

- with 8 yellow status LEDs for input states
- with programming button and red programming LED
- bus connection via connecting terminal
- with 8 independent binary inputs with separate neutral conductor
- suitable for different external conductors
- with screw terminals

Detects the presence of or change in a voltage level at its inputs and, depending on the chosen application, sends telegrams over the KNX.

DESIGN	ORDER NO.	PU
light grey	**7521 80 01**	1



KNX binary input 6gang RMD 24 V AC/DC

Operating voltage over bus	21 ... 32 V=
Signal voltage	8 ... 42 V~/=
Signal frequency	50/60 Hz
Signal current	4 mA
Signal duration	200 ms ... 100 % ED
Operating temperature	-5 ... +45 °C
Input cable length	max. 100 m
Assembling height as from DIN rail	58 mm
Dimensions (W x H x D)	36 x 90 x 65 mm
Width of rail mounted device (RMD)	2 TE

- with 6 yellow status LEDs for input states
- with programming button and red programming LED
- bus connection via connecting terminal
- with 6 independent binary inputs with 2 GND connections
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Berker TS Crystal		page 547
Push-button, NO contact	1811 1 ..	546

External power supply 24 V necessary!

Detects the presence of or change in a voltage level at its inputs and, depending on the chosen application, sends telegrams over the KNX.

DESIGN	ORDER NO.	PU
light grey	**7521 60 01**	1

COMBINATION ACTUATORS RMD



Room actuator 4/2gang RMD

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Switching current for electronic outputs	max. 50 mA
Making current	max. 800 A /200 µs
max. switching capacity at	230 V~
230 V incandescent lamps	3000 W
230 V halogen lamps	2500 W
Conventional transformers	1200 W
Electronic transformers	1500 W
Fluorescent lamps:	
- uncompensated	1000 W
- parallel compensated	1160 W /140 µF
- duo circuit	2300 W /140 µF
Ballasts:	
- Osram EB QT-FH 4 x 14 W	10
- Osram EB QT-FQ 2 x 54 W	11
- Osram EB QTP 2 x 58 W	11
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE

- for individual single room temperature control
- for continuous (PI) or switched (2-point) control
- with 6 red status LEDs and 3 red LEDs as manual actuation indication
- any combined operation from drive and switching functions possible
- 4 manual operation buttons for channel/device for on/off (up/down) and bus function On/Off
- with programming button and red programming LED
- manual operation also possible without bus, e.g. on building site
- bus connection via connecting terminal
- 2 additional electronic outputs (Triac) for connecting thermoelectric valve drives 230 V
- 4 outputs for switching from independent loads or activation of 2 drives
- suitable to switch different external conductors
- with emergency programme, e.g. for sensor or bus failure
- with 4 potential-free NO contacts as well as normally-closed contact can be parameterised
- with screw terminals

Follow the motor manufacturers' instructions.

Optimised for commissioning with ETS3 from version D, patch A.

DESIGN	ORDER NO.	PU
light grey	**7531 40 19**	1



Switch actuator/blind actuator RMD

- Screw terminals

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
Making current	max. 800 A /200 µs
max. switching capacity at	230 V~
230 V incandescent lamps	3000 W
230 V halogen lamps	2500 W
Conventional transformers	1500 W
Electronic transformers	1800 W
electric drives	1300 VA
Capacitive load	16 A , max. 140 µF
Fluorescent lamps:	
- uncompensated	1000 W
- compensated	1160 W /140 µF
- duo circuit	/140 µF 2300 W
OSRAM EB:	
- QTP 2 x 58 W	11 Stück
- QT-FH 2 x 28 W	17 Stück
- QT-FQ 2 x 54 W	11 Stück
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm

- with positioning function for shutter and blade position
- with safety functions e.g. for wind sensor
- with sun shade function
- with 3 red LEDs for status display of manual actuation
- with red status LED for each switching actuator channel
- operating mode can be set for shutters or blinds
- any combined operation from drive and switching functions possible
- for switching, e.g. of 16 independent loads or activation of 8 drives
- manual operation buttons for on/off (up/down) and bus function on/off per channel/device
- with programming button and red programming LED
- switchover with lockout of KNX function to permanent manual operation including master function
- blind operating concepts short-long-short and long-short parameterisable
- manual operation also possible without bus, e.g. on building site
- bus connection via connecting terminal
- switching time on change of direction programmable
- suitable to switch different external conductors
- with potential-free NO contacts as well as NC contact parameterisable

Follow the motor manufacturers' instructions.
For switching of independent loads or activation of drives.

DESIGN	ORDER NO.	PU
16 control channels/8 blind actuator channels		
light grey, 16/8gang [1)]	**7531 00 02**	1

[1)] dimensions (W x H x D): 144 x 90 x 70 mm, 8 modules



Switch actuator/blind actuator RMD, 4 A

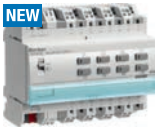
Operating voltage over bus	21 ... 32 V=
Frequency	50/60 Hz
Switching current at cos φ = 0.8	max. 4 A
230 V incandescent lamps	800 W
230 V halogen lamps	800 W
Conventional transformers	800 VA
Electronic transformers	800 W
Fluorescent lamps:	
- uncompensated	800 W
- with electronical ballast (EB)	12 x 36 W
Energy-saving lamps	6 x 23 W
Operating temperature	-5 ... +45 °C

Follow the motor manufacturers' instructions.
For switching of independent loads or activation of drives.

- with positioning function for shutter and blade position
- with sun shade function
- with safety functions e.g. for wind, rain, alarm
- Large labelling field
- status LED integrated into the manual operation button
- any combined operation from drive and switching functions possible
- manual operation buttons for on/off (up/down) and bus function on/off per channel/device
- with illuminated programming button
- manual operation per channel using button (single-area operation)
- Manual operation can be activated via selection switch, thereby deactivation of the KNX function
- bus connection via connecting terminal
- switching time on change of direction programmable
- suitable to switch different external conductors
- with potential-free NO contacts as well as NC contact parameterisable
- with plug-in terminals

DESIGN	ORDER NO.	PU
4 control channels/2 blind actuator channels		
lichtgrau, 4/2gang [1]	* **7531 41 13**	1
6 control channels/3 blind actuator channels		
lichtgrau, 6/3gang [1]	* **7531 61 02**	1
8 control channels/4 blind actuator channels		
lichtgrau, 8/4gang, with Auxiliary voltage [2]	* **7531 81 02**	1
10 control channels/5 blind actuator channels		
lichtgrau, 10/5gang [2]	* **7531 90 00**	1







[1] dimensions (W x H x D): 70 x 90 x 65 mm, 4 modules
[2] dimensions (W x H x D) 105 x 90 x 65 mm, 6 modules



Switch actuator/blind actuator RMD, 16 A

Operating voltage over bus	21 ... 32 V=
Frequency	50/60 Hz
Switching current at cos φ = 0.8	max. 16 A
230 V incandescent lamps	2300 W
230 V halogen lamps	2300 W
Conventional transformers	1600 VA
Electronic transformers	1200 W
Fluorescent lamps:	
- uncompensated	1200 W
- with electronical ballast (EB)	20 x 36 W
Energy-saving lamps	18 x 23 W
Operating temperature	-5 ... +45 °C

Follow the motor manufacturers' instructions.
For switching of independent loads or activation of drives.

- with positioning function for shutter and blade position
- with sun shade function
- with safety functions e.g. for wind, rain, alarm
- Large labelling field
- status LED integrated into the manual operation button
- any combined operation from drive and switching functions possible
- manual operation buttons for on/off (up/down) and bus function on/off per channel/device
- with illuminated programming button
- manual operation per channel using button (single-area operation)
- Manual operation can be activated via selection switch, thereby deactivation of the KNX function
- bus connection via connecting terminal
- switching time on change of direction programmable
- suitable to switch different external conductors
- with potential-free NO contacts as well as NC contact parameterisable
- with plug-in terminals

DESIGN	ORDER NO.	PU
4 control channels/2 blind actuator channels		
lichtgrau, 4/2gang [1]	* **7531 41 15**	1



6 control channels/3 blind actuator channels

lichtgrau, 6/3gang [1]	* **7531 61 04**	1



8 control channels/4 blind actuator channels

lichtgrau, 8/4gang, with Auxiliary voltage [2]	* **7531 81 04**	1



10 control channels/5 blind actuator channels

lichtgrau, 10/5gang [2]	* **7531 90 02**	1

[1] dimensions (W x H x D): 70 x 90 x 65 mm, 4 modules
[2] dimensions (W x H x D) 105 x 90 x 65 mm, 6 modules



Switch actuator/blind actuator RMD for C-Load, 16 A

Operating voltage over bus	21 ... 32 V=
Frequency	50/60 Hz
Switching current at cos φ = 0.8	max. 16 A
230 V incandescent lamps	2300 W
230 V halogen lamps	2300 W
Conventional transformers	1600 VA
Electronic transformers	1200 W
Fluorescent lamps:	
- uncompensated	1200 W
- with electronical ballast (EB)	20 x 36 W
- parallel compensated	1500 W [200 µF]
Energy-saving lamps	18 x 23 W
Operating temperature	-5 ... +45 °C

Follow the motor manufacturers' instructions.
For switching of independent loads or activation of drives.

- with positioning function for shutter and blade position
- with sun shade function
- with safety functions e.g. for wind, rain, alarm
- Large labelling field
- status LED integrated into the manual operation button
- any combined operation from drive and switching functions possible
- 4 manual operation buttons for channel/device for on/off (up/down) and bus function On/Off
- with illuminated programming button
- manual operation per channel using button (single-area operation)
- Manual operation can be activated via selection switch, thereby deactivation of the KNX function
- bus connection via connecting terminal
- switching time on change of direction programmable
- suitable to switch different external conductors
- with potential-free NO contacts as well as NC contact parameterisable
- with plug-in terminals

DESIGN	ORDER NO.	PU
4 control channels/2 blind actuator channels		
lichtgrau, 4/2gang [1]	* **7531 41 16**	1
6 control channels/3 blind actuator channels		
lichtgrau, 6/3gang [1]	* **7531 61 05**	1



8 control channels/4 blind actuator channels

lichtgrau, 8/4gang, with Auxiliary voltage [2]	* **7531 81 05**	1



10 control channels/5 blind actuator channels

lichtgrau, 10/5gang [2]	* **7531 90 03**	1



[1] dimensions (W x H x D): 70 x 90 x 65 mm, 4 modules
[2] dimensions (W x H x D) 105 x 90 x 65 mm, 6 modules

SWITCH ACTUATORS RMD



Switch actuator, RMD

Operating voltage over bus	21 ... 32 V=
Making current	max. 400 A /150 µs
max. switching capacity at	230 V~
230 V incandescent lamps and halogen lamps	2500 W
Conventional transformers	1200 W
Electronic transformers	1500 W
Capacitive load	16 A , max. 140 µF
Fluorescent lamps:	
- uncompensated	2500 W
- parallel compensated	1300 W
- duo circuit	2300 W /140 µF
OSRAM EB:	
- QT-FH 2 x 28 W	17
- QT-FQ 2 x 54 W	11
- QTP 2 x 58 W	11
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm

- suitable to switch different external conductors
- with manual selection switch per channel for on/off and status indication
- with programming button and red programming LED
- manual operation also possible without bus, e.g. on building site
- bus connection via connecting terminal
- with potential-free NO contacts as well as NC contact parameterisable
- with screw terminals

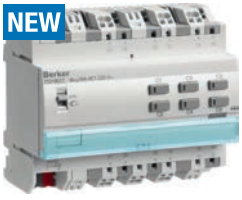
For switching of independent loads.

Optimised for commissioning with ETS3 from version D, patch A.

DESIGN	ORDER NO.	PU
2 independent switch actuators		
light grey, 2gang [1]	**7531 20 08**	1

[1] dimensions (W x H x D): 72 x 90 x 70 mm, 4 modules

NEW



Switch actuator 6gang with current measurring RMD

Frequency	50/60 Hz
Operating voltage over bus	21 ... 32 V=
Rated current	16 A
Switching current at cos φ = 0.8	max. 16 A
max. switching capacity at	230 V~
230 V incandescent lamps	2300 W
230 V halogen lamps	2300 W
Conventional transformers	1600 VA
Electronic transformers	1380 W
Fluorescent lamps:	
- uncompensated	800 W
- with electronical ballast (EB)	25 x 18 W
230 V retrofit LED lamps	200 W
Energy-saving lamps	25 x 18 W
Operating temperature	-5 ... +45 °C
Width of rail mounted device (RMD)	6 TE
Measuring range	0.05 ... 16 A
Measurement tolerance	< 2%

- Current detection with output of measured values cyclically or if a change occurs
- with operating hours meter
- for switching, e.g. of 6 independent loads
- suitable to switch different external conductors
- with illuminated programming button
- Manual operation per channel via button with integrated status LED, thereby lockout of KNX function
- status LED integrated into the manual operation button
- bus connection via connecting terminal
- with potential-free NO contacts as well as NC contact parameterisable
- Status LED integrated into the manual operation button
- Large labelling field
- with plug-in terminals

For switching of independent loads.

DESIGN	ORDER NO.	PU
light grey	* **7531 60 17**	1

DIM ACTUATORS RMD

Universal dim actuators



Universal dim actuator 1gang RMD 300 W

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	300 W
Dimmable conventional transformers	300 VA
Electronic transformers	300 W
Dimmable energy-saving lamps	60 W
Dimmable 230 V retrofit LED lamps	60 W
Quantity LED lamps	max. 8
Conductor cross-section (rigid)	0.75 ... 2.5 mm²
Conductor cross-section (flexible)	0.75 ... 2.5 mm²
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	70 x 90 x 65 mm
Width of rail mounted device (RMD)	4 TE

Do not connect conventional transformers to one output together with electronic transformers.
No connection of various external conductors

- learning function for optimised operation of compact fluorescent lamps and LED luminaires can be activated via the bus
- phase cut-on or cut-off according to load type, self-learning
- minimum/maximum dimming values per channel settable on device
- specification of the load type per channel possible using button on the device
- Status LED integrated into the manual operation button
- Overheating protection, display using LEDs
- Overload protection, display via LED
- selection switch for manual/bus operation as well as load setting
- with illuminated programming button
- manual operation using button (single-area operation)
- manual operation also possible without bus, e.g. on building site
- Manual operation can be activated via selection switch, thereby deactivation of the KNX function
- Large labelling field
- bus connection via connecting terminal
- with plug-in terminals

DESIGN	ORDER NO.	PU
light grey	* **7531 10 11**	1



Universal dim actuator 1gang RMD 600 W

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	600 W
Dimmable conventional transformers	600 VA
Electronic transformers	600 W
Dimmable energy-saving lamps	120 W
Dimmable 230 V retrofit LED lamps	120 W
Quantity LED lamps	max. 10
Operating temperature	-5 ... +45 °C
Width of rail mounted device (RMD)	4 TE

Do not connect conventional transformers together with electronic transformers.
No connection of various external conductors

- learning function for optimised operation of compact fluorescent lamps and LED luminaires can be activated via the bus
- phase cut-on or cut-off according to load type, self-learning
- minimum/maximum dimming values settable on device
- specification of the load type possible using button on the device
- Status LED integrated into the manual operation button
- Overheating protection, display using LEDs
- Overload protection, display via LED
- selection switch for manual/bus operation as well as load setting
- with illuminated programming button
- manual operation per channel using button (single-area operation)
- manual operation also possible without bus, e.g. on building site
- Manual operation can be activated via selection switch, thereby deactivation of the KNX function
- Large labelling field
- bus connection via connecting terminal
- with plug-in terminals

DESIGN	ORDER NO.	PU
light grey	* **7531 10 12**	1



Universal dim actuator 2gang RMD

- Screw terminals

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
Control voltage	110 ... 230 V~
230 V incandescent lamps and halogen lamps	per channel 20 ... 300 W
Dimmable conventional transformers	per channel 20 ... 300 VA
Electronic transformers	per channel 20 ... 300 W
Dimmable energy-saving lamps	per channel 7 ... 60 W
Dimmable LED lamps	per channel 7 ... 60 W
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE

Do not connect conventional transformers to one output together with electronic transformers.

Optimised for commissioning with ETS3 from version D, patch A.

- operating hours counter as forward or backward counter per channel
- stairway function with switch-off warning according to DIN 18015-2
- bulb-preserving soft startup
- phase cut-on or cut-off according to load type, self-learning
- operating with LED and energy-saving lamps according to appropriate ETS configuration
- 4 manual operation buttons for channel/device for on/off (up/down) and bus function On/Off
- with programming button and red programming LED
- manual operation also possible without bus, e.g. on building site
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- bus connection via connecting terminal
- suitable for different external conductors

SUITABLE FOR	ORDER NO.	PAGE
optional		
Universal power booster Plus RMD	1 6599 01	58

DESIGN	ORDER NO.	PU
light grey	**7531 20 13**	1



Universal dim actuator 3gang RMD

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	per channel 300 W
Dimmable conventional transformers	per channel 300 VA
Electronic transformers	per channel 300 W
Dimmable energy-saving lamps	per channel 60 W
Dimmable 230 V retrofit LED lamps	per channel 60 W
Quantity of dimmable, 230 V retrofit LED lamps	max. 8
Quantity LED lamps	max. 8
Operating temperature	-5 ... +45 °C
Width of rail mounted device (RMD)	6 TE

Do not connect conventional transformers together with electronic transformers.

No connection of various external conductors

- learning function for optimised operation of compact fluorescent lamps and LED luminaires can be activated via the bus
- phase cut-on or cut-off according to load type, self-learning
- minimum/maximum dimming values per channel settable on device
- specification of the load type per channel possible using button on the device
- Status LED integrated into the manual operation button
- Overheating protection, display using LEDs
- Overload protection, display via LED
- 1, 2 or 3-channel operation possible
- load coupling of 2 or 3 channels settable to increase output power using selection switch
- selection switch for manual/bus operation as well as load setting
- with illuminated programming button
- manual operation per channel using button (single-area operation)
- manual operation also possible without bus, e.g. on building site
- Manual operation can be activated via selection switch, thereby deactivation of the KNX function
- Large labelling field
- bus connection via connecting terminal
- with plug-in terminals

DESIGN	ORDER NO.	PU
light grey	* **7531 30 07**	1



Universal dim actuator 4gang RMD

- Screw terminals

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
Control voltage	110 ... 230 V~
230 V incandescent lamps and halogen lamps	per channel 20 ... 250 W
Dimmable conventional transformers	per channel 20 ... 250 VA
Electronic transformers	per channel 20 ... 250 W
Dimmable energy-saving lamps	per channel 7 ... 50 W
Dimmable LED lamps	per channel 7 ... 50 W
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	144 x 90 x 70 mm
Width of rail mounted device (RMD)	8 TE

Do not connect conventional transformers to one output together with electronic transformers.

Optimised for commissioning with ETS3 from version D, patch A.

- operating hours counter as forward or backward counter per channel
- stairway function with switch-off warning according to DIN 18015-2
- bulb-preserving soft startup
- phase cut-on or cut-off according to load type, self-learning
- operating with LED and energy-saving lamps according to appropriate ETS configuration
- with 4 red status LEDs and 3 red LEDs as manual actuation indication
- increase of output power by parallel switching of several channels
- 4 manual operation buttons for on/off (brighter/darker) and bus function on/off per channel / device
- with programming button and red programming LED
- manual operation also possible without bus, e.g. on building site
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- bus connection via connecting terminal
- suitable for different external conductors

SUITABLE FOR	**ORDER NO.**	**PAGE**
optional		
Universal power booster Plus RMD	1 6599 01	58

DESIGN	ORDER NO.	PU
light grey	**7531 40 21**	1

1 - 10 V/DALI interfaces



1 - 10 V control unit 3gang RMD

Operating voltage over bus	21 ... 32 V=
Switching current	16 A
Control current	per channel 100 mA
Capacitive load	1000 W , 140 µF
OSRAM EB:	
- QT-FH 1 x 28 W	17
- QT-FH 2 x 28 W	17
- QT-FQ 2 x 80 W	11
Operating temperature	-5 ... +45 °C
Input cable length	max. 500 m with 0,5 mm²
Assembling height as from DIN rail	58 mm
Dimensions (W x H x D)	72 x 90 x 65 mm
Width of rail mounted device (RMD)	4 TE

Interface according to DIN EN 61347-2-3

- with red programming LED and red status LED
- for switching and controlling electronic ballasts and 1 - 10 V Tronic transformers, 105 W
- with manual selection switch per channel for on/off and status indication
- with programming button
- manual operation also possible without bus, e.g. on building site
- bus connection via connecting terminal
- suitable to switch different external conductors
- with potential-free NO contacts
- with screw terminals

DESIGN	ORDER NO.	PU
light grey	**7531 30 05**	1



KNX DALI gateway RMD

Operating voltage	110/240 V~
Operating voltage over bus	21 ... 32 V=
Frequency	50/60 Hz
DALI voltage	16 V= (9,5 … 22,5 V=)
Operating temperature	+5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE

Groups 17 to 32 can be implemented with only one DALI device each.

- 2 digit red LED display for group indication in manual operation
- max. 64 DALI devices in max. 16 EIB groups and max. 16 light scenes
- as DALI master and power supply for DALI devices
- for switching and controlling electr. ballasts and Tronic transformer with DALI interface
- 4 manual operation buttons for on/off (brighter/darker) and bus function on/off per channel / device
- with programming button and red programming LED
- manual operation also possible without bus, e.g. on building site
- bus connection via connecting terminal
- with screw terminals

DESIGN	ORDER NO.	PU
light grey	**7571 00 03**	1

BLIND ACTUATORS RMD

NEW



Blind actuator 4gang RMD 24 V DC

Operating voltage over bus	21 ... 32 V=
Switching current at 24 V=	max. 6 A
Operating temperature	-5 ... +45 °C
Width of rail mounted device (RMD)	4 TE

Follow the motor manufacturers' instructions.

- for activation of max. 4 independent DC drives
- Status LED integrated into the manual operation button
- with illuminated programming button
- manual operation per channel using button (single-area operation)
- Manual operation can be activated via selection switch, thereby deactivation of the KNX function
- Large labelling field
- switching time on change of direction programmable
- bus connection via connecting terminal
- with plug-in terminals
- 4 manual operation buttons for up/down per channel/ device
- status LED integrated into the manual operation button

SUITABLE FOR	ORDER NO.	PAGE
optional		
Electrical power supply 24 V DC RMD	7591 00 03	854

DESIGN	ORDER NO.	PU
light grey	* **7531 41 11**	1



Radio blind actuator RMD 230 V AC/12 - 48 V DC

- Screw terminals

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
Switching current	6 A
Switching current at cos φ = 0.8	max. 6 A
max. switching capacity at	230 V~
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm

- with 2 red status LEDs per actuator channel
- with 3 red LEDs for status display of manual actuation
- 4 manual operation buttons for channel/device for on/off (up/down) and bus function On/Off
- with programming button and red programming LED
- switchover with lockout of KNX function to permanent manual operation including master stop
- blind operating concepts short-long-short and long-short parameterisable
- manual operation also possible without bus, e.g. on building site
- suitable to switch different external conductors
- bus connection via connecting terminal

Follow the motor manufacturers' instructions.



DESIGN	ORDER NO.	PU
Blind actuator channels for 4 AC drives or 2 DC dives		
light grey, 4gang 230 V AC or 2gang 12 - 48 V DC [1]	**7531 40 18**	1
Blind actuator channels for 8 AC drives or 4 DC dives		
light grey, 8gang 230 V AC or 4gang 12 - 48 V DC [2]	**7531 80 08**	1

[1] dimensions (W x H x D): 72 x 90 x 70 mm, 4 modules
[2] dimensions (W x H x D): 144 x 90 x 70 mm, 8 modules



Blind actuator RMD 230 V AC

Operating voltage over bus	21 ... 32 V=
Frequency	50/60 Hz
Switching current at cos φ = 0.8	max. 6 A
Operating temperature	-5 ... +45 °C

Follow the motor manufacturers' instructions.

- for activation of max. 4 independent AC drives
- with illuminated programming button
- manual operation per channel using button (single-area operation)
- Manual operation can be activated via selection switch, thereby deactivation of the KNX function
- switching time on change of direction programmable
- suitable to switch different external conductors
- bus connection via connecting terminal
- with plug-in terminals
- Status LED integrated into the manual operation button
- Large labelling field
- 4 manual operation buttons for up/down per channel/ device
- status LED integrated into the manual operation button



DESIGN	ORDER NO.	PU
Blind actuator channels for 4 AC drives		
light grey, 4gang [1]	* **7531 41 19**	1
Blind actuator channels for 8 AC drives		
light grey, 8gang, with auxiliary voltage [2]	* **7531 81 08**	1

[1] dimensions (W x H x D): 70 x 90 x 65 mm, 4 modules
[2] dimensions (W x H x D) 105 x 90 x 65 mm, 6 modules

ROLLER SHUTTER ACTUATORS RMD

NEW



Roller shutter actuator 4gang RMD 24 V DC

Operating voltage over bus	21 ... 32 V=
Switching current at 24 V=	max. 6 A
Operating temperature	-5 ... +45 °C
Conductor cross-section (rigid)	0.75 ... 2.5 mm²
Width of rail mounted device (RMD)	4 TE

Follow the motor manufacturers' instructions.

- for activation of max. 4 independent DC drives
- Status LED integrated into the manual operation button
- operating mode only roller shutters
- with illuminated programming button
- manual operation per channel using button (single-area operation)
- Manual operation can be activated via selection switch, thereby deactivation of the KNX function
- Large labelling field
- switching time on change of direction programmable
- bus connection via connecting terminal
- with plug-in terminals
- with sun shade function
- with positioning function for roller shutter position
- with safety functions e.g. for wind, rain, alarm
- 4 manual operation buttons for up/down per channel/ device
- status LED integrated into the manual operation button

SUITABLE FOR	ORDER NO.	PAGE
optional		
Electrical power supply 24 V DC RMD	7591 00 03 ..	854

DESIGN		ORDER NO.	PU
light grey	*	**7531 41 18**	1

NEW



Roller shutter actuator RMD 230 V AC

Operating voltage over bus	21 ... 32 V=
Frequency	50/60 Hz
Switching current at cos φ = 0.8	max. 6 A
Operating temperature	-5 ... +45 °C
Conductor cross-section (rigid)	0.75 ... 2.5 mm²

Follow the motor manufacturers' instructions.

- with sun shade function
- with positioning function for roller shutter position
- with safety functions e.g. for wind, rain, alarm
- for activation of max. 4 independent AC drives
- Status LED integrated into the manual operation button
- status LED integrated into the manual operation button
- operating mode only roller shutters
- 4 manual operation buttons for up/down per channel/ device
- with illuminated programming button
- manual operation per channel using button (single-area operation)
- Manual operation can be activated via selection switch, thereby deactivation of the KNX function
- bus connection via connecting terminal
- switching time on change of direction programmable
- suitable to switch different external conductors
- with plug-in terminals
- Large labelling field

DESIGN		ORDER NO.	PU
Roller shutter actuator channels for 4 AC drives			
light grey, 4gang [1]	*	**7531 40 23**	1
Roller shutter actuator channels for 8 AC drives			
light grey, 8gang, with auxiliary voltage [2]	*	**7531 81 07**	1

NEW



[1] dimensions (W x H x D): 70 x 90 x 65 mm, 4 modules
[2] dimensions (W x H x D) 105 x 90 x 65 mm, 6 modules

HVAC ACTUATORS RMD



Heating actuator 6gang RMD 230 V

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230/240 V~
Frequency	50/60 Hz
Switching current at 250 V~	max. 50 mA
Actuators per channel	max. 4
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	58 mm
Dimensions (W x H x D)	72 x 90 x 65 mm
Width of rail mounted device (RMD)	4 TE

- valve drives for thermoelectric valve drives 230 V, closed in de-energized state
- for individual single room temperature control
- for continuous (PI) or switched (2-point) control
- with programming button and red programming LED
- bus connection via connecting terminal
- with emergency programme, e.g. for sensor or bus failure
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Valve drive 230 V	7590 00 76	139

DESIGN	ORDER NO.	PU
light grey	**7531 60 03**	1



Fan coil actuator 2gang RMD

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
230 V incandescent lamps	2300 W
230 V halogen lamps	2300 W
Conventional transformers	1200 W
Electronic transformers	1500 W
Fluorescent lamps:	
- uncompensated	1000 W
- parallel compensated	1160 W /140 µF
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE

Comply with the fan convector manufacturer's instructions.
Optimised for commissioning with ETS3 from version D, patch A.

- with 8 red status LEDs and 3 red LEDs as manual actuation indication
- operating modes heating, cooling or heating and cooling
- for the electric activation of fan convectors
- activation of 1 or 2 fan channels with 6 or 3 fan stages
- for converting RTR control variables into valve positions, fan stages
- manual activation of blow fans using push-buttons or the operating panel
- 4 manual operation buttons for controlling fan stages and bus function on/off
- use of free channels to control switching loads
- with programming button and red programming LED
- manual operation also possible without bus, e.g. on building site
- bus connection via connecting terminal
- with screw terminals

DESIGN	ORDER NO.	PU
light grey	**7531 20 12**	1

Valve drives



KNX valve drive

Operating voltage over bus	21 ... 32 V=
Running time	25 s /mm
Stroke	4.5 mm
Operating temperature	+0 ... +50 °C
Medium temperature	max. 100 °C
Pre-assembled cables	≈ 1 m
Dimensions (W x H x D)	46 x 87 x 60 mm
Cap nut (M x L)	M30 x 1.5 mm
Metric thread	M30

IP42 with horizontal installation and IP43 with vertical installation

- suitable for Heimeier heater valve tappets
- with 2 independent binary inputs
- to connect potential-free contacts (e.g. Reed)
- with magnet for programming reed contact and red programming LED

SUITABLE FOR	ORDER NO.	PAGE
replacement		
Programming magnet	7590 00 19	847

DESIGN	ORDER NO.	PU
polar white	**7550 00 02**	1



Programming magnet

- replacement
- for programming reed contact

SUITABLE FOR	ORDER NO.	PAGE
Weather station surface-mounted	7549 00 01	828
KNX valve drive	7550 00 02	846
Combi sensor surface-mounted	7590 00 57	830

DESIGN	ORDER NO.	PU
white	**7590 00 19**	1



Valve drive 230 V

Operating voltage	230 V~
Frequency	0 … 60 Hz
Power consumption	1.8 W
Running time	45 s /mm
Stroke	4 mm
Operating temperature	+0 ... +60 °C
Medium temperature	max. 0 ... 100 °C
Pre-assembled cables	≈ 1 m
Dimensions (W x H x D)	44 x 60 x 61 mm

Neutral conductor necessary!

Order valve adapter separately.

IP54

- valve drives closed in de-energized state
- thermoelectric mode of operation
- with state indication (opened or closed)
- with overheating protection
- with anti-dismantling protection
- pluggable connection cable
- for plug-in cover

SUITABLE FOR	ORDER NO.	PAGE
Valve adapter for valve drive		page 847
Heating actuator 6gang RMD 230 V	7531 60 03	846
Heating actuator 230 V flush-mounted	7534 10 05	851
Blind and heating actuator 1 + 1gang flush-mounted	7534 10 06	851

DESIGN	ORDER NO.	PU
polar white	**7590 00 76**	1



Valve drive 24 V AC/DC

Operating voltage	24 V~/=
Frequency	50/60 Hz
Power consumption	1.8 W
Running time	45 s /mm
Stroke	4 mm
Operating temperature	+0 ... +60 °C
Medium temperature	max. 0 ... 100 °C
Line length	max. 200 m
Pre-assembled cables	≈ 1 m
Dimensions (W x H x D)	44 x 60 x 61 mm

Order valve adapter separately.

IP54

- valve drives closed in de-energized state
- thermoelectric mode of operation
- with state indication (opened or closed)
- with overheating protection
- with anti-dismantling protection
- pluggable connection cable
- for plug-in cover

SUITABLE FOR	ORDER NO.	PAGE
Heating actuator 24 V AC surface-mounted		page 851
Valve adapter for valve drive		page 847

DESIGN	ORDER NO.	PU
polar white	**7590 00 77**	1



Valve adapter for valve drive

Cap nut (M x L)	M30 x 1.5 mm
Metric thread	M30

More valve adapters upon request.

SUITABLE FOR	ORDER NO.	PAGE
Valve drive 230 V		page 847
Valve drive 24 V AC/DC		page 847

DESIGN	ORDER NO.	PU
grey, VA10, Dumser/Simplex/Beulco (from 2005)	**7590 00 72**	1
dark grey, VA50, Cazzaniga/Honeywell & Braukmann/ Landis & Gyr/Frese/Reich (distributor)/KaMo	**7590 00 73**	1
light grey, VA80, Comap/Empur/Heimeier/Herb/IVAR/ MNG/Onda/Oventrop/Schlösser/Strawa/TA/Thermot	**7590 00 75**	1
polar white, VA78, flane for Danfoss valves, type: RA	**7590 00 74**	1

ANALOGUE ACTUATORS



Analogue actuator 4gang RMD

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	24 V~
Frequency	50/60 Hz
Output load voltage	> 1 kΩ
Voltage, outputs	0 ... 1; 0 ... 10 V
Output current per channel	max. 20 mA
Current consumption	max. 170 mA
Outputs current	0 ... 20, 4 ... 20 mA
Output load current	< 500 Ω
Forced controls (1-bit objects)	per channel 2
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE

- with green/red status LED (operation/fault)
- with red programming LED
- channels can be adjusted independently
- with programming button
- expandable with 4gang analogue actuator module
- bus connection via connecting terminal
- initial status via status- and/or switch object evaluable
- with 4 independant analogue outputs
- cyclic supervision of the outputs
- with screw terminals
- with system interface for analogue actuator module

SUITABLE FOR	ORDER NO.	PAGE
Power supply 24 V AC RMD	7591 00 01	832
optional		
Analogue actuator module 4gang RMD	7552 40 01	848

The analogue actuator receives KNX telegrams and converts them into current and/or voltage signals, e.g. for heating, air conditioning and ventilation systems.

Separate 24 V DC auxiliary power supply needed!

Output signals according to DIN IEC 381

DESIGN	ORDER NO.	PU
light grey	**7551 40 01**	1



Analogue actuator module 4gang RMD

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	24 V~
Frequency	50/60 Hz
Output load voltage	> 1 kΩ
Voltage, outputs	0 ... 1; 0 ... 10 V
Output current per channel	max. 20 mA
Current consumption	max. 170 mA
Outputs current	0 ... 20, 4 ... 20 mA
Output load current	< 500 Ω
Forced controls (1-bit objects)	per channel 2
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE

- with 4 yellow output status LEDs
- with green/red status LED (operation/fault)
- as extension for analogue actuator 4gang
- with 4 independant analogue outputs
- cyclic supervision of the outputs
- with screw terminals
- with system plug for connection to the analogue actuator system interface

SUITABLE FOR	ORDER NO.	PAGE
Analogue actuator 4gang RMD	7551 40 01	848

Output signals according to DIN IEC 381

DESIGN	ORDER NO.	PU
light grey	**7552 40 01**	1

ACTUATORS; FLUSH-/SURFACE-MOUNTED

NEW



Switch actuator 1gang flush-mounted

Operating voltage over bus	21 ... 32 V=
Switching current at cos φ = 0.8	max. 4 A
230 V incandescent lamps	600 W
230 V halogen lamps	600 W
Conventional transformers	600 VA
Electronic transformers	600 W
- uncompensated	600 W
- with electronical ballast (EB)	6 x 58 W
Operating temperature	-5 ... +45 °C
Dimensions (Ø x H)	53 x 29 mm

- with manual operation on/off
- with illuminated programming button
- with red programming LED
- with status LED
- bus connection via connecting terminal
- with potential-free NO contact as well as NC contact parameterisable
- installation in flush-mounted or splash-protected junction box
- with screw terminals

DESIGN	ORDER NO.	PU
light grey, 1gang	* **7534 11 01**	1



Switch actuator 1gang flush-mounted

Operating voltage over bus	21 ... 32 V=
Making current	max. 400 A /20 ms
max. switching capacity at	230 V~ , 50/60 Hz
230 V incandescent lamps	2500 W
230 V halogen lamps	2200 W
Conventional transformers	1000 VA
Electronic transformers	1000 W
Capacitive load	10 A , max. 105 µF
Operating temperature	-5 ... +45 °C
Load cable length	≈ 20 cm with 2 x 1,5 mm²
Cable length, bus + inputs (extendable to max. 5 m)	≈ 33 cm
Dimensions (Ø x H)	53 x 28 mm
Centre hole Ø	7.5 mm

- binary input functions: Switching, dimming, shutter control and value transmitter
- with programming button and red programming LED
- programmable from ETS2, V1.3
- with 2 independent binary inputs for potential-free contacts
- with potential-free NO contact as well as NC contact parameterisable
- installation in flush-mounted or splash-protected junction box
- pre-assembled, with cables

DESIGN	ORDER NO.	PU
light grey	**7534 10 01**	1

NEW



Switch actuator 2gang flush-mounted

Operating voltage over bus	21 ... 32 V=
Switching current at cos φ = 0.8	max. 4 A
230 V incandescent lamps	600 W
230 V halogen lamps	600 W
Conventional transformers	600 VA
Electronic transformers	per channel 600 W
- uncompensated	600 W
- with electronical ballast (EB)	6 x 58 W
Operating temperature	-5 ... +45 °C
Dimensions (Ø x H)	53 x 29 mm

- with manual operation on/off per channel
- for switching, e.g. of 2 independent loads
- with red programming LED
- with 2 status LEDs
- 2 buttons for manual operation and programming
- bus connection via connecting terminal
- with 2 potential-free NO contacts as well as normally-closed contact can be parameterised
- installation in flush-mounted or splash-protected junction box
- with screw terminals

DESIGN	ORDER NO.	PU
light grey, 2gang	* **7534 21 01**	1



Switch actuator 2gang flush-mounted

Operating voltage over bus	21 ... 32 V=
Making current	max. 120 A /20 ms
max. switching capacity at	230 V~ , 50/60 Hz
230 V incandescent lamps and halogen lamps	1200 W
Conventional transformers	500 VA
Electronic transformers	500 W
Capacitive load	6 A , max. 14 µF
Operating temperature	-5 ... +45 °C
Load cable length	≈ 20 cm with 3 x 1,5 mm²
Cable length, bus + inputs (extendable to max. 5 m)	≈ 33 cm
Dimensions (Ø x H)	53 x 28 mm

- binary input functions: Switching, dimming, shutter control and value transmitter
- for switching, e.g. of 2 independent loads
- with programming button and red programming LED
- programmable from ETS2, V1.3
- with 2 independent binary inputs for potential-free contacts
- with 2 potential-free NO contacts on common entry, as well as NC contact can be parameter
- installation in flush-mounted or splash-protected junction box
- pre-assembled, with cables

DESIGN	ORDER NO.	PU
light grey	**7534 20 01**	1



Universal dim actuator flush-mounted

Operating voltage over bus	21 ... 32 V=
Frequency	50/60 Hz
Control voltage	230 V~
230 V incandescent lamps and halogen lamps	50 ... 210 W
Dimmable conventional transformers	50 ... 210 VA
Electronic transformers	50 ... 210 W
Number of built-in Tronics or power boosters (R, L) - with identical load type	max. 10
Operating temperature	-5 ... +45 °C
Load cable length	≈ 20 cm with 2 x 1,5 mm²
Cable length, bus + inputs (extendable to max. 5 m)	≈ 33 cm
Dimensions (Ø x H)	53 x 28 mm

- binary input functions: Switching, dimming, shutter control and value transmitter
- bulb-preserving soft startup
- phase cut-on or cut-off according to load type, self-learning
- with programming button and red programming LED
- programmable from ETS2, V1.3
- with 2 independent binary inputs for potential-free contacts
- short-circuit and overload proof (electronic fuse)
- installation in flush-mounted or splash-protected junction box
- pre-assembled, with cables

SUITABLE FOR	ORDER NO.	PAGE
Power booster built-in (R, L)	2869 ..	59
optional		
Tronic power booster built-in (R, C)	2868	59

Do not connect conventional transformers to one output together with electronic transformers.

DESIGN	ORDER NO.	PU
light grey	**7534 10 03**	1



Blind actuator flush-mounted 230 V AC

Operating voltage over bus	21 ... 32 V=
Frequency	50/60 Hz
Switching current at cos φ = 0.8	max. 4 A
Switching capacity for max. 1 motor	600 VA
Operating temperature	-5 ... +45 °C
Dimensions (Ø x H)	53 x 29 mm

Follow the motor manufacturers' instructions.

- for activation of a drive for alternating current
- with red programming LED
- with 2 status LEDs for up/down
- 2 buttons for manual operation and programming
- bus connection via connecting terminal
- switching time on change of direction programmable
- installation in flush-mounted or splash-protected junction box
- with screw terminals
- with positioning function for shutter and blade position
- with sun shade function
- with safety functions e.g. for wind, rain, alarm
- operating mode can be set for blind, shutter/awning or ventilation flap

DESIGN	ORDER NO.	PU
light grey	* **7534 11 04**	1



Blind actuator flush-mounted

Operating voltage over bus	21 ... 32 V=
Frequency	50/60 Hz
Switching capacity for max. 1 motor	600 VA
max. switching capacity at	230 V~ , 50/60 Hz
Operating temperature	-5 ... +45 °C
Load cable length	≈ 20 cm with 3 x 1,5 mm²
Cable length, bus + inputs (extendable to max. 5 m)	≈ 33 cm
Dimensions (Ø x H)	53 x 28 mm

Follow the motor manufacturers' instructions.

- binary input functions: Switching, dimming, shutter control and value transmitter
- for activation of a drive for alternating current
- operating mode can be set for blind, shutter/awning or ventilation flap
- with programming button and red programming LED
- bus connection via connecting terminal
- switching time on change of direction programmable
- with 3 independent binary inputs for potential-free contacts
- with 2 potential-free contacts, mechanically interlocked
- installation in flush-mounted or splash-protected junction box
- pre-assembled, with cables

DESIGN	ORDER NO.	PU
light grey	**7534 10 04**	1



Heating actuator 230 V flush-mounted

Operating voltage	21 ... 32 V=
Switching current for electronic outputs	max. 25 mA
Actuators per channel	max. 2
Operating temperature	-5 ... +45 °C
Load cable length	≈ 20 cm with 2 x 1,5 mm²
Cable length, bus + inputs (extendable to max. 5 m)	≈ 33 cm
Dimensions (Ø x H)	53 x 28 mm

Optimised for commissioning with ETS3 from version D, patch A.

- binary input functions: Switching, dimming, shutter control and value transmitter
- for individual single room temperature control
- for continuous (PI) or switched (2-point) control
- with programming button and red programming LED
- 1 electronic output (triac) for connection of 230V thermoelectric actuator drives
- with 3 independent binary inputs for potential-free contacts
- with emergency programme, e.g. for sensor or bus failure
- installation in flush-mounted or splash-protected junction box
- pre-assembled, with cables

SUITABLE FOR	ORDER NO.	PAGE
Valve drive 230 V	7590 00 76	139

DESIGN	ORDER NO.	PU
light grey	**7534 10 05**	1



Blind and heating actuator 1 + 1gang flush-mounted

Operating voltage over bus	21 ... 32 V=
Switching current for electronic outputs	max. 25 mA
Switching capacity for max. 1 motor	600 VA
max. switching capacity at	230 V~ , 50/60 Hz
Actuators per channel	max. 2
Operating temperature	-5 ... +45 °C
Load cable length	≈ 20 cm with 2 x 1,5 mm²
Cable length, bus + inputs (extendable to max. 5 m)	≈ 33 cm
Dimensions (Ø x H)	53 x 28 mm

Follow the motor manufacturers' instructions.

Optimised for commissioning with ETS3 from version D, patch A.

- binary input functions: Switching, dimming, shutter control and value transmitter
- for activation of a drive for alternating current
- for individual single room temperature control
- for continuous (PI) or switched (2-point) control
- operating mode can be set for blind, shutter/awning or ventilation flap
- with programming button and red programming LED
- 1 electronic output (triac) for connection of 230V thermoelectric actuator drives
- switching time on change of direction programmable
- with 3 independent binary inputs for potential-free contacts
- with emergency programme, e.g. for sensor or bus failure
- with 2 potential-free contacts, mechanically interlocked
- installation in flush-mounted or splash-protected junction box

SUITABLE FOR	ORDER NO.	PAGE
Valve drive 230 V	7590 00 76	139

DESIGN	ORDER NO.	PU
light grey	**7534 10 06**	1



Heating actuator 24 V AC surface-mounted

- Integrated transformer

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
Output voltage	24 V~
Total output current	max. 1 A
Actuators, 24 V	max. 13
Operating temperature	+0 ... +50 °C
Dimensions (W x H x D)	302 x 75 x 70 mm

- for valve drives 24 V, closed in de-energized state
- with on red heat request LED per channel
- with green operation LED and red programming LED
- with red fuse LED
- with integral transformer
- bus connection via connecting terminal
- with emergency programme, e.g. for sensor or bus failure
- short-circuit and overload proof (fine-wire fuse)
- with plug-in terminals
- for individual single room temperature control
- for continuous (PI) or switched (2-point) control

SUITABLE FOR	ORDER NO.	PAGE
Valve drive 24 V AC/DC	7590 00 77	139

DESIGN	ORDER NO.	PU
grey, 6gang Triac [1]	**7533 60 01**	1
grey, 12gang Triac [2]	**7533 00 01**	1

[1] max. 4 valve drives 24 V per channel
[2] max. 2 valve drives 24 V per channel



Berker

SYSTEM COMPONENTS	854-859
GATEWAYS	859
ALARM SYSTEM	860

The system components are KNX devices, which assume higher-level functions, independent of the application. They guarantee the necessary infrastructure in the building, ensuring a flawless information exchange between sensors and actuators. In addition, the system devices stand for the highest quality and functional safety in the system.

SYSTEM COMPONENTS

Power supplies



KNX Power supply 320 mA RMD

Operating voltage	230 V~
Frequency	50/60 Hz
Output voltage	28 ... 31 V=
Output current	max. 320 mA
Bus lines	max. 2
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	72 x 90 x 68 mm
Width of rail mounted device (RMD)	4 TE
Assembling height as from DIN rail	61 mm

- with green operation LED, red overload LED and yellow overvoltage LED
- with red reset LED
- other bus line must be decoupled via a choke
- further bus line connectable with connecting terminal
- short-circuit and overload proof (electronic fuse)
- with integral reset switch
- with integral choke
- protected earth conductor must be connected
- with screw terminals

DESIGN	ORDER NO.	PU
light grey	**7501 00 09**	1



KNX Power supply 640 mA RMD

Operating voltage	230 V~
Frequency	50/60 Hz
Output voltage	28 ... 31 V=
Output current	max. 640 mA
Bus lines	max. 3
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	126 x 90 x 68 mm
Width of rail mounted device (RMD)	7 TE
Assembling height as from DIN rail	61 mm

- with 2 red reset LEDs
- with green operation LED, red overload LED and yellow overvoltage LED
- other 3rd bus line must be decoupled via a choke
- other 3rd bus line can be connected via terminal
- short-circuit and overload proof (electronic fuse)
- with 2 integrated reset switches
- with 2 integrated chokes
- protected earth conductor must be connected
- with screw terminals

DESIGN	ORDER NO.	PU
light grey	**7501 00 10**	1



Electrical power supply 24 V DC RMD

Operating voltage	230 V~
Frequency	50/60 Hz
Output voltage	24 V=
Output current	max. 1 A
Current consumption	< 150 mA
Power consumption	36 W
Operating temperature	+0 ... +45 °C
Width of rail mounted device (RMD)	4 TE

- with plug-in terminals

SUITABLE FOR	ORDER NO.	PAGE
Touch sensors with thermostat		page 796
Glass sensors with thermostat		page 808
Berker domovea Server RMD	7571 00 05	812
Blind actuator 4gang RMD 24 V DC	7531 41 11	843
Roller shutter actuator 4gang RMD 24 V DC	7531 41 18	845
Crystal Ball	1685 78	548

DESIGN	ORDER NO.	PU
light grey matt	**7591 00 03**	1

Uninterruptible power supply



KNX power supply uninterruptible 640 mA RMD

Operating voltage	230 V~
Frequency	50/60 Hz
Output voltage	28 ... 31 V=
Output current	max. 640 mA
Bus lines	max. 1
Operating temperature	-5 ... +45 °C
Network failure by-passing with lead batteries, 12 Ah	≈ 5.5 h
Dimensions (W x H x D)	144 x 90 x 66 mm
Width of rail mounted device (RMD)	8 TE
Assembling height as from DIN rail	59 mm

- with green operation LED, red overload LED and yellow overvoltage LED
- with green mains LED and green storage battery indicator LED
- with integral reset button
- potential-free change-over signalling contact for power failure, storage battery failure, overload/o
- protected earth conductor must be connected
- line connection via connecting terminal
- with screw terminals
- connection of a second lead battery to extend the backup power time
- temperature-controlled charging of the battery

SUITABLE FOR	ORDER NO.	PAGE
Cable set for lead storage battery	7590 00 66	855
optional		
Cable set for 2nd lead storage battery	7590 00 67	855
Lead storage battery 12 V	7590 00 68	855

DESIGN	ORDER NO.	PU
light grey	**7501 00 15**	1



Lead storage battery 12 V

Rated voltage	12 V=
Charging capacity	12 Ah
Dimensions (W x H x D)	94 x 151 x 98 mm
Weight	≈ 4.2 g
Period of use [years]	≈ 5

- for KNX 640 mA power supply, uninterruptible

SUITABLE FOR	ORDER NO.	PAGE
KNX power supply uninterruptible 640 mA RMD	7501 00 15	855
Cable set for lead storage battery	7590 00 66	855
Cable set for 2nd lead storage battery	7590 00 67	855

DESIGN	ORDER NO.	PU
Lead storage battery 12 V	**7590 00 68**	1



Cable set for lead storage battery

Line length	≈ 2 m (4 x 0,75 mm²)

- with temperature sensor
- with fuse holder for fine-wire fuses

SUITABLE FOR	ORDER NO.	PAGE
Lead storage battery 12 V	7590 00 68	855
KNX power supply uninterruptible 640 mA RMD	7501 00 15	855

DESIGN	ORDER NO.	PU
Cable set for lead storage battery	**7590 00 66**	1



Cable set for 2nd lead storage battery

Line length	2 m (2 x 0,75 mm²)

SUITABLE FOR	ORDER NO.	PAGE
Lead storage battery 12 V	7590 00 68	855

DESIGN	ORDER NO.	PU
Cable set for 2nd lead storage battery	**7590 00 67**	1

Couplers



Coupler RMD

Operating voltage over bus	21 ... 32 V=
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	36 x 90 x 70 mm
Width of rail mounted device (RMD)	2 TE
Assembling height as from DIN rail	63 mm

- can be used as line/area coupler or line amplifier
- with 2 yellow data traffic LEDs for higher and lower ranking line
- with green operation LED, red programming LED and red diagnosis LED
- with programming button
- line connection via connecting terminal

DESIGN	ORDER NO.	PU
light grey	**7501 00 14**	1



IP router RMD

Operating voltage	24 V~/=
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	36 x 90 x 58 mm
Width of rail mounted device (RMD)	2 TE
Assembling height as from DIN rail	55 mm

Separate 24 V DC auxiliary power supply needed!

- can be used as line/area coupler
- with green operation LED and yellow data traffic LED
- with green, yellow and red LEDs for indicating the IP communication
- with programming button and red programming LED
- for reporting bus voltage failure via data networks
- as interface to PCs and data processing devices
- EIBnet/IP according to Konnex specifications: Core, Routing, Tunnelling, Device Management
- internet protocols supported: ARP, ICMP, IGMP, UDP/IP, DHCP
- quick communication of lines/areas and systems via data networks (Internet protocols)
- operating voltage connection via connecting terminal
- line connection via connecting terminal
- with RJ45 connection for Ethernet/IP networks

SUITABLE FOR	ORDER NO.	PAGE
Power supply 24 V AC RMD	7591 00 01	832

DESIGN	ORDER NO.	PU
light grey	**7501 00 16**	1

Time transmitters



Time transmitter RMD

Operating voltage over bus	21 ... 32 V=
Lithium cell power reserve [years]	≈ 10
Dimensions (W x H x D)	36 x 90 x 66 mm
Width of rail mounted device (RMD)	2 TE
Assembling height as from DIN rail	60 mm

- suitable for shade systems with sun level calculation
- automatic summer-/winter time change-over (can be switched off)
- transmits time and date to the bus
- time zone and summer/winter time change-over configurable flexibly
- either Quartz operation or radio synchronisation by DCF77 time signal
- with red status LED for DCF77 reception

SUITABLE FOR	ORDER NO.	PAGE
DCF receiver	7590 00 47	856

DESIGN	ORDER NO.	PU
light grey	**7591 00 02**	1



DCF receiver

Operating temperature	-20 ... +70 °C
Line length	max. 200 m
Dimensions (W x H x D)	64 x 98 x 34 mm

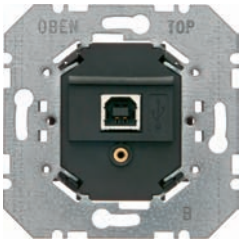
Caution! Only for connection to year timer switch 4gang RMF for DCF receiver, order no. 7521 40 06, and time transmitter RMD order no. 75910002.

- with radio receiver for the DCF77 signal
- with wall bracket and screw fitting

SUITABLE FOR	ORDER NO.	PAGE
Time transmitter RMD	7591 00 02	856

DESIGN	ORDER NO.	PU
polar white	**7590 00 47**	1

Data interfaces



KNX data interface USB flush-mounted

Operating voltage over bus	21 ... 32 V=
Data transmission rate	max. 9.6 kBd
Operating temperature	-5 ... +45 °C
USB cable length	max. 5 m

For connection of a PC for addressing, programming and diagnosis of KNX components and for visualisation.

- programmable from ETS3, V1.0
- for addressing, programming and diagnosis of KNX components
- with B-type USB socket for data traffic (voltage supply via PC)
- compatible with USB 1.1/2.0 transmission protocols
- system requirements: Windows 2000 or later
- without spreader claws
- with flash-controller technology

SUITABLE FOR	ORDER NO.	PAGE
Centre plate with TAE cut-out		page 857
Central plate with TAE cut-out		page 858
		page

DESIGN	ORDER NO.	PU
black	**7504 00 04**	1



Centre plate with TAE cut-out

SUITABLE FOR	ORDER NO.	PAGE
Modular UAE socket outlets		page 153
230 V USB charging socket outlet	2600 0 ..	172
Loudspeaker connection box	4572 ..	173
Stereo loudspeaker connection box	4573 ..	173
KNX data interface USB flush-mounted	7504 00 04	857

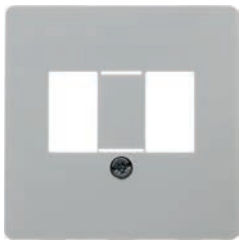
DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1033 89 12**	10
polar white glossy	**1033 89 19**	10
polar white matt, with 2 knock out openings	**1033 19 09**	10
anthracite matt, with 2 knock out openings	**1033 16 06**	10
aluminium matt, lacquered, with 2 knock out openings	**1033 14 04**	10
Berker Q.1/Q.3		
polar white velvety	**1033 60 89**	10
anthracite velvety, lacquered	**1033 60 86**	10





Berker K.1/K.5		
polar white glossy	**1035 70 09**	10
anthracite matt, lacquered	**1035 70 06**	10
Aluminium, aluminium anodised	**1035 70 03**	10
Stainless steel, metal matt finish	**1035 70 04**	10
Berker Arsys		
white glossy	**1035 01 02**	10
polar white glossy	**1035 01 69**	10
brown glossy	**1035 01 01**	10
light bronze matt, aluminium lacquered	**1034 00 01**	10
Stainless steel, metal matt finish	**1034 00 04**	10
gold matt, aluminium anodised	**1034 00 02**	10
Berker R.1/R.3		
polar white glossy	**1038 20 89**	10
black glossy	**1038 20 45**	10





Central plate with TAE cut-out

- knock out

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- 1 knock out opening
- labelling field latchable

SUITABLE FOR	ORDER NO.	PAGE
Modular UAE socket outlets		page 153
Intermediate rings		page 169
230 V USB charging socket outlet	2600 0 ..	172
Loudspeaker connection box	4572 ..	173
Stereo loudspeaker connection box	4573 ..	173
KNX data interface USB flush-mounted	7504 00 04	857

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7, K.1, Arsys		
white glossy	**1458 02**	10
polar white glossy	**1458 09**	10
brown glossy	**1458 01**	10



KNX data interface USB RMD

Operating voltage over bus	21 ... 32 V=
Data transmission rate	max. 9.6 kBd
Operating temperature	-5 ... +45 °C
USB cable length	max. 5 m
Dimensions (W x H x D)	36 x 90 x 70 mm
Width of rail mounted device (RMD)	2 TE
Assembling height as from DIN rail	63 mm

For connection of a PC for addressing, programming and diagnosis of KNX components and for visualisation.

- programmable from ETS3, V1.0
- with B-type USB socket for data traffic (voltage supply via PC)
- compatible with USB 1.1/2.0 transmission protocols
- system requirements: Windows 2000 or later
- with flash-controller technology

DESIGN	ORDER NO.	PU
light grey	**7501 00 12**	1

Accessories



Connecting terminal

Operating temperature	-5 ... +45 °C
Conductor Ø	0.6 ... 0.8 mm
Number of conductors	2 x 4
Dimensions (L x W x H)	10.2 x 11.5 x 10 mm

- 2pole
- for the bus connection of the units
- polarization red + black -
- can be used as branch terminal
- with plug-in terminals

DESIGN	ORDER NO.	PU
red/black	**7500 00 05**	50



Blind plug for bus coupling unit

SUITABLE FOR	ORDER NO.	PAGE
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	802
Bus coupling unit flush-mounted	7504 00 01	764

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**7594 02 52**	1
polar white glossy	**7594 02 59**	1
polar white matt	**7594 02 89**	1
anthracite matt	**7594 02 85**	1
aluminium matt, lacquered	**7594 02 83**	1
Berker Q.1/Q.3		
polar white velvety	**7594 02 29**	1
anthracite velvety, lacquered	**7594 02 26**	1





DESIGN	ORDER NO.	PU
Berker K.1/K.5		
polar white glossy	**7594 02 79**	1
anthracite matt, lacquered	**7594 02 75**	1
Aluminium, aluminium anodised	**7594 02 71**	1
Stainless steel, metal matt finish	**7594 02 73**	1
Berker Arsys		
white glossy	**7594 02 42**	1
polar white glossy	**7594 02 49**	1
light bronze matt, lacquered	**7594 02 44**	1
Stainless steel, metal matt finish	**7594 02 43**	1



Protective cover

SUITABLE FOR	ORDER NO.	PAGE
Bus coupling unit flush-mounted	7504 00 01	764
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	802

DESIGN	ORDER NO.	PU
black	**7500 00 07**	10

GATEWAYS



Radio receiver surface-mounted

Operating voltage over bus	21 ... 32 V=
Radio reception frequency	433.42 MHz
Number of function channels	50
Number of teachable radio transmitters	100
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	110 x 94 x 38 mm

A 9 V block battery is required for teach-in of radio transmitters, e.g. order no. 9209.

The surface-mounted radio receiver converts signals of taught-in radio bus transmitters into KNX telegrams.

For matching hand-held radio transmitters, see radio bus.

- for switch, push-button, dimmer and shutter functions
- processing of the radio signals of hand-held, wall-mounted and flush-mounted radio transmitters and radio controllers
- with 2-digit, 7-segment function channel display
- with green operation LED and red programming LED
- extension unit for light scene push-button
- with acknowledgement button
- with programming button and function channel selection button
- bus connection via connecting terminal
- dimming / position value transmitter 1 byte
- with fitting material
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Wall-transmitters		page 689
Hand-held transmitter		page 688
Radio transmitter 2gang flush-mounted	124 10	706
Radio controller surface-mounted	1 7401 09	705
Radio wall transmitter insert	2764	692
Radio controller flat	9420 ..	704
Radio magnetic contact	9430 01 00	706

DESIGN		ORDER NO.	PU
white	#	**7563 00 04**	1

ALARM SYSTEM



KNX alarm central unit

Operating voltage	230 V~
Frequency	50/60 Hz
Output voltage	12 V=
Switching current	max. 1.8 A
Switching current, change-over, at 12 V	max. 5 A
Operating temperature	-5 ... +45 °C
Cable length, alarm devices	max. 100 m
Cable length of wired detector	max. 200 m
Cable length, sabotage line	max. 600 m
Dimensions (W x H x D)	210 x 270 x 72 mm
Weight	≈ 1.5 kg

To prevent malfunctions, we recommend that only Berker KNX products are used in connection with the alarm central unit KNX.

- cascadable
- control TWG robbery, break-in, fire, malfunction, live/safe potential-free contacts/KNX
- alarm duration and delay times activated/alarm adjustable
- decentral indication and operation, e.g. info display
- detector descriptions can be defined as required
- with green operation LED and red programming LED
- with control LED per output
- with integral clock (DCF-compatible using system clock)
- sensor inputs via binary inputs or universal interfaces
- cyclic sensor monitoring
- outputs for outside/inside siren and flash light or connection to KNX via actuator
- with sabotage protection by contact in cover
- additional signal input as sabotage protection for mounting place
- alarm zones can be activated individually or linked
- for maximum 160 sensors (communication objects) and 4 alarm zones
- history memory with individual sensor identification
- requirement: ETS2 V1.2a or ETS3
- with fitting material
- bus connection via connecting terminal
- with screw terminals
- with emergency power storage battery 12 V for maximum 12 hours

SUITABLE FOR	ORDER NO.	PAGE
DETECTORS/SENSORS		page 869
ALARM UNITS		page 870
ACTIVATING DEVICES		page 872
VISUALISATIONS		page 810
replacement		
12 V storage battery for emergency power operation	9200 01	860

AZ KNX

DESIGN		ORDER NO.	PU
polar white/black	#	**7573 00 10**	1



12 V storage battery for emergency power operation

Output voltage	12 V=
Charging capacity	1.2 Ah
Flat connector size (size width x size width)	4.8 x 0.8 mm

- for KNX alarm central unit
- replacement

SUITABLE FOR	ORDER NO.	PAGE
KNX alarm central unit	7573 00 10	860

DESIGN		ORDER NO.	PU
12 V storage battery for emergency power operation	#	**9200 01**	1



Berker

FLUSH-MOUNTED SAFETY DEVICES	864-866
KNX ALARM SYSTEM	867-869
DETECTORS/SENSORS	869-870
ALARM UNITS	870-871
ACTIVATING DEVICES	872-873
SUPPLEMENTARY PRODUCTS	873
SMOKE DETECTORS	874

With innovative technology and restrained design that integrates virtually unnoticed into the living environment, Berker's security and safety systems provide reliable protection - for both the material and the less tangible things in your customer's life. These systems ensure reliable protection against break-ins, theft, vandalism and fire.

KNX ALARM SYSTEM
A very high-performance alarm system for integration into the intelligent KNX building management systems, offering optimal protection of monitored properties.

- Simple connection to KNX with no additional wiring required
- Integration of conventional detectors and alarm units via KNX universal interfaces
- Management of 160 detectors in four separate security zones
- Event documenting and emergency power supply

FLUSH-MOUNTED SAFETY DEVICES

SCHUKO socket outlets with safety device



SCHUKO socket outlet with overvoltage protection

- **Labelling field**
- **Screw terminals**

- with imprint
- with indicator LED for "on/error"
- with acoustic fault signal
- with screw terminals

i 945

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Insertion depth	32 mm

Labelling field height arranged for P-touch strips 6 mm.
Overvoltage protection according to EN 61643 and VDE 0675-6-11
Connection terminals according to IEC 60884-1









DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**4108 89 82**	1
polar white glossy	**4108 89 89**	1
polar white matt	**4108 19 09**	1
anthracite matt	**4108 16 06**	1
aluminium matt, lacquered	**4108 14 04**	1
red glossy	**4108 89 62**	1
red matt	**4108 19 62**	1
Berker Q.1/Q.3		
polar white velvety	**4108 60 89**	1
anthracite velvety, lacquered	**4108 60 86**	1
red velvety	**4108 60 62**	1
Berker K.1/K.5		
polar white glossy	**4152 71 09**	1
anthracite matt, lacquered	**4152 71 06**	1
aluminium matt, lacquered	**4152 71 03**	1
stainless steel matt, lacquered	**4152 71 04**	1
red glossy	**4152 71 15**	1
Berker Arsys		
white glossy	**4152 00 02**	1
polar white glossy	**4152 00 69**	1
brown glossy	**4152 00 01**	1
stainless steel matt, lacquered	**4152 90 04**	1



SCHUKO socket outlet with residual current circuit-breaker

- enhanced contact protection

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Measurement error current	30 mA
Trigger time	≤ 30 ms
Short-circuit resistance (with back-up fuse 20 AgL)	3 kA
Surge current resistance	250 A (8/20) µs

- to protect connected and downstream loads
- type A for alternating currents and pulsating direct currents
- with plug-in terminals

i 944

Through-wired socket outlets are also protected.
Connection terminals according to IEC 60884-1
Tested conform VDE 0664 (EN 61008)







DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**4708 89 82**	1
polar white glossy	**4708 89 89**	1
polar white matt	**4708 19 09**	1
Berker Q.1/Q.3		
polar white velvety	**4708 60 89**	1
anthracite velvety, lacquered	**4708 60 86**	1
Berker K.1/K.5		
polar white glossy	**4708 70 09**	1
anthracite matt, lacquered	**4708 70 06**	1
aluminium matt, lacquered	**4708 70 03**	1
stainless steel matt, lacquered	**4708 70 04**	1

Residual current circuit-breakers



Residual current circuit-breaker

Rated voltage	230 V~
Frequency	50/60 Hz
Rated current	16 A
Measurement error current	30 mA
Trigger time	≤ 30 ms
Short-circuit resistance (with back-up fuse 16 AgL)	3 kA
Surge current resistance	250 A (8/20) µs
Operating temperature	-25 ... +40 °C
Insertion depth	32 mm

- to protect downstream loads
- type A for alternating currents and pulsating direct currents
- without spreader claws
- with plug-in terminals

i 944

Tested conform VDE 0664 (EN 61008)
Suitable for use according to DIN VDE 0100-410



DESIGN	ORDER NO.	PU
Residual current circuit-breaker	**2844**	1



50 x 50 mm centre plate for RCD protection switch

Caution!
Use only with adapter ring for centre plate 50 x 50 mm from the corresponding range.

SUITABLE FOR	ORDER NO.	PAGE
Adapter ring for centre plate 50 x 50 mm		page 866

DESIGN	ORDER NO.	PU
white glossy	**1493 02**	1
polar white glossy	**1493 09**	1
polar white matt/velvety	**1493 19 09**	1
anthracite matt	**1493 16 06**	1
brown glossy	**1493 01**	1
aluminium matt, lacquered	**1493 14 04**	1
light bronze matt, lacquered	**1493 11**	1
stainless steel matt, lacquered	**1493 04**	1



Adapter ring for centre plate 50 x 50 mm

Caution!
Not suitable for Berker central plates.
For centre plate according to DIN 49075

- for centre plate of third-party manufacturers with external dimension 50 x 50 mm

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7		
white glossy	**1109 90 82**	10
polar white glossy	**1109 90 89**	10
polar white matt	**1109 19 19**	10
anthracite matt	**1109 16 16**	10
aluminium matt, lacquered	**1109 14 14**	10
Berker Q.1/Q.3		
polar white velvety	**1109 60 79**	10
anthracite velvety, lacquered	**1109 60 76**	10
Berker K.1/K.5		
polar white glossy	**1108 71 09**	10
anthracite matt, lacquered	**1108 71 06**	10
aluminium matt, lacquered	**1108 71 03**	10
stainless steel matt, lacquered	**1108 71 04**	10
Berker Arsys		
white glossy	**1108 01 02**	10
polar white glossy	**1108 01 69**	10
brown glossy	**1108 01 01**	10
light bronze matt, lacquered	**1108 91 11**	10
stainless steel matt, lacquered	**1108 91 04**	10







KNX ALARM SYSTEM



KNX alarm central unit

Operating voltage	230 V~
Frequency	50/60 Hz
Output voltage	12 V=
Switching current	max. 1.8 A
Switching current, change-over, at 12 V	max. 5 A
Cable length, alarm devices	max. 100 m
Cable length of wired detector	max. 200 m
Cable length, sabotage line	max. 600 m
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	210 x 270 x 72 mm

To prevent malfunctions, we recommend that only Berker KNX products are used in connection with the alarm central unit KNX.

- for maximum 160 sensors (communication objects) and 4 alarm zones
- alarm zones can be activated individually or linked
- sensor inputs via binary inputs or universal interfaces
- cyclic sensor monitoring
- control TWG robbery, break-in, fire, malfunction, live/safe potential-free contacts/KNX
- outputs for outside/inside siren and flash light or connection to KNX via actuator
- with green operation LED and red programming LED
- with control LED per output
- short-circuit and overload proof (fine-wire fuse)
- with sabotage protection by contact in cover
- additional signal input as sabotage protection for mounting place
- decentral indication and operation, e.g. info display
- with emergency power storage battery 12 V for maximum 12 hours
- with integral clock (DCF-compatible using system clock)
- alarm duration and delay times activated/alarm adjustable
- bus connection via connecting terminal
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
DETECTORS/SENSORS		page 869
ALARM UNITS		page 870
ACTIVATING DEVICES		page 872
VISUALISATIONS		page 810
replacement		
12 V storage battery for emergency power operation	9200 01	860

AZ KNX

DESIGN		ORDER NO.	PU
polar white/black	#	**7573 00 10**	1



12 V storage battery for emergency power operation

Output voltage	12 V=
Charging capacity	1.2 Ah
Flat connector size (size width x size width)	4.8 x 0.8 mm

- for KNX alarm central unit

DESIGN		ORDER NO.	PU
12 V storage battery for emergency power operation	#	**9200 01**	1

Universal interfaces

- For the connection of detectors, sensors, key switches and bolt switch contacts to the KNX alarm central unit
- With programming button and red programming LED
- Single and two push-button operation parameterisable
- Extension unit for light scene push-button
- Bus connection via connecting terminal



Universal interface 2gang flush-mounted

Operating voltage over bus	21 ... 32 V=
Input scanning voltage	per channel 5 V
Output current per channel	max. 0.8 mA
Line length	≈ 250 mm
Cable length extendable to	max. 5 m
Operating temperature	-5 ... +45 °C
Dimensions (L x W x H)	43 x 28.5 x 15.5 mm

- 2 binary inputs, 2 outputs or 1 binary input and 1 output parameterisable
- with 2 independent binary inputs for potential-free contacts
- outputs for LEDs, e.g. as status LED
- for impulse counter function, input 2 is required for the synchronising signal
- functions: impulse counter or switch counter for input 1
- for switch, push-button, dimmer and shutter functions
- cyclic transmission parameterisable for switching function
- with programming button and red programming LED
- bus connection via connecting terminal

SUITABLE FOR	ORDER NO.	PAGE
DETECTORS/SENSORS		page 869
ACTIVATING DEVICES		page 872

DESIGN	ORDER NO.	PU
light grey	**7564 20 01**	1



Universal interface 4gang flush-mounted

Operating voltage over bus	21 ... 32 V=
Input scanning voltage	per channel 5 V
Output current for channel 1 and channel 2	max. 0.8 mA
Line length	≈ 250 mm
Cable length extendable to	max. 5 m
Operating temperature	-5 ... +45 °C
Dimensions (L x W x H)	43 x 28.5 x 15.5 mm

- 4 binary inputs or 2-3 binary inputs and 1-2 outputs parameterisable
- with 4 independent binary inputs for potential-free contacts
- outputs for LEDs, e.g. as status LED
- for impulse counter function, inputs 3 and 4 are required for the synchronising signal
- functions: impulse counter or switch counter for inputs 1 and 2
- for switch, push-button, dimmer and shutter functions
- cyclic transmission parameterisable for switching function
- with programming button and red programming LED
- bus connection via connecting terminal

SUITABLE FOR	ORDER NO.	PAGE
DETECTORS/SENSORS		page 869
ACTIVATING DEVICES		page 872

DESIGN	ORDER NO.	PU
light grey	**7564 40 01**	1



Universal interface 8gang flush-mounted

Operating voltage over bus	21 ... 32 V=
Input scanning voltage	per channel 20 V
Output current per channel	max. 0.8 mA
Line length	max. 10 m
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	44 x 48 x 32 mm

- protected against polarity reversal
- 8 binary inputs, 8 outputs or 4 binary inputs and 4 outputs parameterisable
- with 8 independent binary inputs for potential-free contacts
- outputs for LEDs, e.g. as status LED
- short-circuit and overload proof (electronic fuse)
- for switch, push-button, dimmer and shutter functions
- cyclic transmission can also be started via switching object
- with programming button and red programming LED
- bus connection via connecting terminal
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
DETECTORS/SENSORS		page 869
ACTIVATING DEVICES		page 872

DESIGN	ORDER NO.	PU
black	**7564 80 01**	1

DETECTORS/SENSORS

- Direct connection to alarm central unit
- Connection to KNX alarm central unit via universal interface

Magnetic contacts



Magnetic contact

Switching voltage	max. 40 V=
Switching current	500 mA
Breaking capacity	max. 10 W
Line length	3 m
Dimensions sensor (L x W x H)	44 x 15 x 15 mm

To monitor window and door opening.

- built-on/built-in
- pre-assembled, with cable
- in the isolated state the contact is open

SUITABLE FOR	ORDER NO.	PAGE
RolloTec radio button for sensors	1759 ..	702
optional		
KNX ALARM SYSTEM		page 867
Universal interfaces		page 868

i 915

	DESIGN		ORDER NO.	PU
■	polar white glossy	#	**9251 02**	1
	brown glossy	#	**9251 01**	1



Gate contact

Switching voltage	max. 20 V=
Switching current	max. 500 mA
Line length	2 m

- magnetic contact to monitor opening of gates and roller doors
- solid metal design
- with fitting material
- for floor mounting
- pre-assembled, with cable
- in the isolated state the contact is open

SUITABLE FOR	ORDER NO.	PAGE
optional		
KNX ALARM SYSTEM		page 867
Universal interfaces		page 868

	DESIGN		ORDER NO.	PU
■	Gate contact	#	**9252**	1

Glass breakage sensors



IP67

Glass breakage sensor

Switching voltage	max. 18 V=
Switching current	max. 10 mA
Transition resistance, idle state	max. 30 Ω
Transition resistance, alarm state	min. 1 MΩ
Opening time according to glass type	0.5 ... 5 s
Line length	5 m

Caution!
Use only the following adhesive sets.
Loctite, hotline tel. +49 (0)89/92681121

29691 Glass-metal adhesive set
consisting of:
319 adhesive and
7649 activator

- passive piezoelectric glass breakage sensor
- with potential-free contacts without auxiliary voltage
- for bonding on window pane
- pre-assembled, with cable
- opens the contact in case of glass breakage

SUITABLE FOR	ORDER NO.	PAGE
optional		
KNX ALARM SYSTEM		page 867
Universal interfaces		page 868

DESIGN		ORDER NO.	PU
polar white glossy	#	**9253 02**	1
brown glossy	#	**9253 01**	1

Motion detectors



Motion detector 90° surface-mounted

Operating voltage	12 V=
Recommended installation height	≈ 2.3 m
Range	≈ 15 m
Detection angle	90 °
Dimensions (W x H x D)	60 x 112 x 42 mm

- with failsafe break contact (NC contact)
- with LED detection indicator
- with sabotage protection by contact in cover
- with crawl-under protection
- with cable entry at top, backside and each side
- for wall and corner mounting
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
optional		
KNX ALARM SYSTEM		page 867

DESIGN		ORDER NO.	PU
polar white glossy	#	**9155**	1

ALARM UNITS

Sirens



External siren with flashlight

Operating voltage	12 V=
Current consumption	max. 600 mA
Current consumption, flashing light	300 mA
Current consumption, siren	300 mA
Lightning energy	6.7 Ws
Alarm duration, flashing light	until deactivated
Alarm duration, siren (until deactivated)	max. 3 min
Acoustic pressure at a distance of 1 m	108 dB
Conductor cross-section	max. 2.5 mm²
Operating temperature	-20 ... +50 °C
Dimensions (W x H x D)	180 x 390 x 140 mm

- for connection to alarm central unit and KNX alarm central unit
- with sabotage protection by contact in cover and arcing contact
- powder-coated stainless steel housing
- with loud pressure-chamber siren
- with fitting material
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
KNX ALARM SYSTEM		page 867

DESIGN		ORDER NO.	PU
polar white matt	#	**9051 50**	1



IP30

Indoor siren

Operating voltage	9 ... 14 V=
Rated current at 12 V=	140 mA
Acoustic pressure at a distance of 1 m	110 dB
Settable signal frequency	2800 ... 3100 Hz
Switch-on time (ED)	100 %
Operating temperature	-20 ... +60 °C
Dimensions (W x H x D)	145 x 95 x 30 mm

- for connection to alarm central unit and KNX alarm central unit
- with sabotage protection by contact in cover
- with loud piezo signal generator, dual tone
- with fitting material
- with break-out cable entry at top/bottom and backside
- with screw terminals

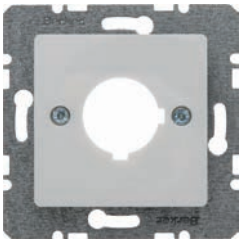
The indoor siren serves firstly to alarm the residents, for example when there is a smoke alarm. Secondly, the loud acoustic signal scares away criminals.

The indoor siren can be operated together with the external siren on the alarm central unit.

SUITABLE FOR	ORDER NO.	PAGE
KNX ALARM SYSTEM		page 867

DESIGN		ORDER NO.	PU
polar white	#	**9050**	1

Central plates for external signalling and command units



Central plate with installation opening Ø 22.5 mm

Screw spacing 36 mm

- with supporting plate
- without spreader claws
- with cut-out dia. 22.5 mm
- labelling field latchable

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!
Use only with intermediate ring for central plate from the corresponding range.

Installation aperture according to IEC 60947-5-1

MANUFACTURER: PRODUCT LINE — **ART. NO.**

Signalling and command units
Kraus-Naimer
Lumitas
Schlegel

Overvoltage protection devices
Dehn
OBO-Bettermann

DESIGN	ORDER NO.	PU
Berker S.1/B.3/B.7, Q.1/Q.3, K.1/K.5 - stainless steel, Arsys		
white glossy	**1432 02**	10
polar white glossy	**1432 09**	10
polar white matt/velvety	**1432 19 09**	10
yellow glossy	**1432 07**	10
aluminium matt, lacquered	**1432 14 04**	10
anthracite matt	**1432 16 06**	10
stainless steel matt, lacquered	**1432 04**	10
Berker K.5 - Aluminium		
aluminium matt, lacquered	**1432 70 03**	10
Berker R.1/R.3		
polar white glossy	**1432 20 89**	10
black glossy	**1432 20 45**	10
yellow glossy	**1432 20 06**	10



ACTIVATING DEVICES

Key switches

- Connection to KNX alarm central unit via universal interface



IP54

Key switch flush-mounted

Operating voltage	12 V=
Current consumption per LED	max. 5 mA
Buzzer current consumption	6 mA
Switching current	500 mA
Acoustic pressure of buzzer at a distance of 30 cm	70 dB (A)
Operating temperature	-20 ... +60 °C
Dimensions, flush-mounted housing (W x H x D)	79 x 113 x 53.5 mm
Front plate dimensions (W x H)	101 x 135 mm

Recommendation: use identical closing to that of the master key system.

- to connect to alarm central unit
- with 2 LEDs for free activation, orange and green
- with protection against drilling and ceiling contact to prevent sabotage
- powder-coated aluminium front plate
- with acknowledgement buzzer
- with two-hole screws as dismantling protection and screwdriver
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Lock cylinder		page 872
optional		
KNX ALARM SYSTEM		page 867
Universal interfaces		page 868

DESIGN		ORDER NO.	PU
polar white glossy	#	**9103 01**	1



Key switch surface-mounted

Operating voltage	12 V=
Current consumption per LED	max. 5 mA
Buzzer current consumption	6 mA
Switching current at 60 V=	max. 500 mA
Acoustic pressure of buzzer at a distance of 30 cm	70 dB (A)
Operating temperature	-20 ... +60 °C
Dimensions (W x H x D)	79.5 x 113.5 x 54 mm

Recommendation: use identical closing to that of the master key system.

- to connect to alarm central unit
- with 2 LEDs for free activation, orange and green
- with protection against drilling and ceiling contact to prevent sabotage
- powder-coated aluminium front plate
- with acknowledgement buzzer
- with two-hole screws as dismantling protection and screwdriver
- with screw terminals

SUITABLE FOR	ORDER NO.	PAGE
Lock cylinder		page 872
optional		
KNX ALARM SYSTEM		page 867
Universal interfaces		page 868

DESIGN		ORDER NO.	PU
polar white glossy	#	**9103 12**	1



Lock cylinder

In key switches, the key can be pulled out in the ON position in the appropriate bolt position.
With 5 tumblers to according to DIN 18252

- for change-over switches/push-buttons for lock cylinders
- with 3 keys

DESIGN	ORDER NO.	PU
with differing closures		
Lock cylinder	**1818**	1
with same closures		
Lock cylinder	**1818 01**	1

Compulsory activating device



Electromechanical blocking element

Operating voltage	7 ... 15 V=
Current consumption (idle)	≈ 40 mA
Current consumption (closing)	≈ 60 mA
Current consumption (blocking)	≈ 120 mA
Feedback outputs for bolt position	50 mA
Opening time	0.5 s
Lock bolt distance	12 mm
Line length	≈ 3 m
Operating temperature	-25 ... +60 °C
Distance to counterpart	max. 8 mm
Dimensions housing (W x H x D)	20 x 134 x 28 mm
Dimensions Stulp (W x H x D)	20 x 175 x 2 mm

- for activation with static or dynamic signals
- with integral magnet contact
- to build into the door frame

SUITABLE FOR	ORDER NO.	PAGE
KNX ALARM SYSTEM		page 867

In conjunction with the bolt switching contact, prevents access to an area that has been armed.

DESIGN		ORDER NO.	PU
Electromechanical blocking element	#	**9108**	1



Bolt switch contact

Switching voltage	max. 30 V=
Switching current	max. 100 mA
Line length	≈ 2 m
Dimensions (W x H x D)	11 x 40 x 22 mm

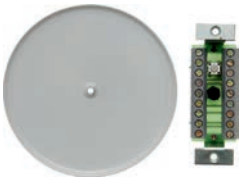
- with switch lever extension
- is operated by lock bolt
- to build into the lock plate on the door frame

SUITABLE FOR	ORDER NO.	PAGE
KNX ALARM SYSTEM		page 867
Universal interfaces		page 868

DESIGN		ORDER NO.	PU
Bolt switch contact	#	**9107**	1

SUPPLEMENTARY PRODUCTS

Distribution terminals



Distribution terminal flush-mounted

Rated voltage	12 V=

- with sabotage protection by contact in cover
- with cover
- with 8pole through-contacted circuit board
- without spreader claws
- suitable for standard, commercially-available flush-mounted and hollow-wall boxes
- with screw terminals

DESIGN		ORDER NO.	PU
polar white matt	#	**9254**	1



Distribution terminal surface-mounted

Rated voltage	12 V=
Dimensions (W x H x D)	36 x 132 x 34 mm

- with sabotage protection by contact in cover
- with 8pole through-contacted circuit board
- with fitting material
- with solder connection

DESIGN		ORDER NO.	PU
polar white matt	#	**9259**	1

SMOKE DETECTORS



Smoke detector VdS Q, 6 V longlife

Operating voltage	6 V=
Monitoring area	max. 50 m²
Acoustic pressure at a distance of 3 m	85 dB (A)
Recommended installation height	≈ 2.5 m
Battery service life [years]	≈ 10
Operating temperature	+0 ... +55 °C
Dimensions (Ø x assembling height)	127 x 49 mm

The smoke detector has been designed as a domestic smoke detector, for use in self-contained living areas such as flats and detached houses.

It is used for early detection of smouldering fires and open fires producing smoke in interiors.

- with red alarm and operation LED
- with optional dismantling protection
- contamination and fault display
- works on stray light principle (Tyndall effect) with no radioactive compounds
- loud warning tone in case of alarm
- with integrated lithium block battery 6 V (non-exchangeable)
- automatic battery test with visual and audible message, min. 30 days prior to due replacement of the device
- automatic self-test function
- with button for manual function test
- with button for manual deactivation for 12 minutes
- not dependent on mains power
- screw fastening to size 60 and 85 wall box possible
- for wall and ceiling mounting

i 952

DESIGN	ORDER NO.	PU
Individual unit		
polar white matt	**191 59**	1
Set with 3 smoke detectors		
polar white matt, Set consisting of 3 smoke detectors	**192 59**	1





Smoke detector VdS, 9 V

Operating voltage	9 V=
Monitoring area	max. 50 m²
Acoustic pressure at a distance of 3 m	85 dB (A)
Recommended installation height	≈ 2.5 m
Battery service life [years]	≈ 5
Operating temperature	+0 ... +55 °C
Dimensions (Ø x assembling height)	127 x 49 mm

The smoke detector has been designed as a domestic smoke detector, for use in self-contained living areas such as flats and detached houses.

It is used for early detection of smouldering fires and open fires producing smoke in interiors.

Smoke detector fastening onto bottom section only possible with inserted battery.

- with red alarm and operation LED
- with optional dismantling protection
- contamination and fault display
- works on stray light principle (Tyndall effect) with no radioactive compounds
- loud warning tone in case of alarm
- with alkaline block battery 9 V, type: 6LR61
- with visual and audible battery change message, min. 30 days
- automatic self-test function
- with button for manual function test
- with button for manual deactivation for 12 minutes
- not dependent on mains power
- screw fastening to size 60 and 85 wall box possible
- for wall and ceiling mounting

i 952

DESIGN	ORDER NO.	PU
Individual unit		
polar white matt	**191 49**	1
Set with 3 smoke detectors		
polar white matt, Set consisting of 3 smoke detectors	**192 49**	1



FOR SURFACES MADE FROM PLASTIC, METAL OR GLASS

Clean by wiping the surfaces with a moist, soft, lint-free cloth.

In the case of heavy dirt we recommend using a diluted household cleaning agent containing soap.

Open-pored surfaces made from natural materials are sensitive to grease and dirt. They are to be cleaned with a dry, lint-free cloth only.

APPLIES TO ALL SURFACES:

Abrasives and polishes, acid-based (scale removing) detergents and detergents containing chlorine will generally damage all surfaces. Moreover, painted/lacquered surfaces must not come in contact with detergents that contain alcohol.

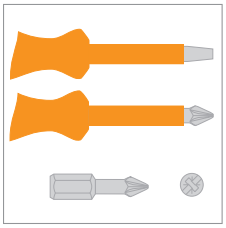


SWITCHES/PUSH-BUTTONS/SOCKET OUTLETS i 878-i 882
TIMERS i 883-i 884
DIMMERS i 885-i 888
BLC/PRESENCE DETECTORS i 889-i 897
CONTROLLERS/BERKER CONTROL i 898-i 906
1-10 V TECHNOLOGY i 907
EQUIPMENT DATA i 908
THERMOSTATS i 909-i 910
ROLLOTEC i 911-i 917
BERKER.NET i 918-i 930
RADIO BUS i 931-i 943
SCHUKO SOCKET OUTLET WITH RESIDUAL CURRENT CIRCUIT-BREAKER i 944
OVERVOLTAGE PROTECTION i 945
AERIAL SYSTEMS i 946-i 947
DATA/TELECOMMUNICATIONS i 948-i 949
AUDIO/VIDEO TECHNOLOGY i 950-i 951
SMOKE DETECTORS i 952
DIMENSIONAL DRAWINGS i 953-i 961
SWITCHING SYMBOLS i 962-i 966

CONDITIONS OF SALE, DELIVERY AND PAYMENT 967
PRODUCT OVERVIEW 968-986

Installation instructions

Tool size for processing BERKER products



The products have combination screws that can be processed with cross-head as well as flat-blade screwdrivers.

Tool sizes for contact screws:
- Cross-head bits: Pozi-Drive, size 2
- Cross-head screwdrivers: Pozi-Drive size 2
- Slot screwdrivers - Blade thickness 1 mm

Tool sizes for fixing screws:
- Cross-head bits - Pozi-Drive, size 1
- Cross-head screwdrivers - Pozi-Drive size 1
- Slot screwdrivers - Blade thickness 0.8 mm

When using cordless screwdrivers a maximum torque of 0.5 Nm should be used.

Lighting of switches and push-buttons

The Work Place Regulation (ArbStättV) stipulates that light switches must be easily accessible and luminous. The switches and buttons of BERKER can be fitted with neon or incandescent lamp units (in the case of splash-protected Ap devices, the lighting cannot always be retrofitted).

Neon lamp unit with N terminal [Order no. 1675..]

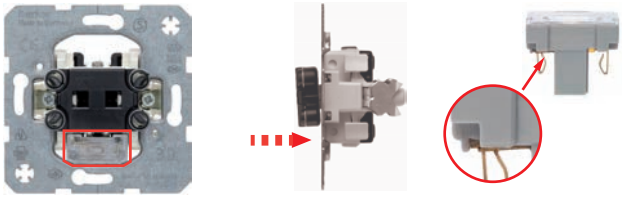


Bild 1: The neon lamp unit (without removing the switch) can be inserted or replaced from the front. Depending on the application, the contact reed (s. figure on the right) must be removed

Applications

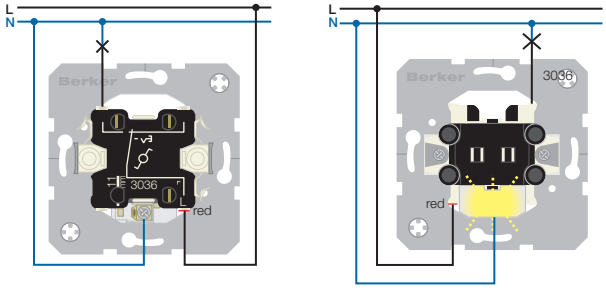


Bild 2: Constantly illuminated, switch-off with change-over switch (remove contact reed on the neon lamp unit)

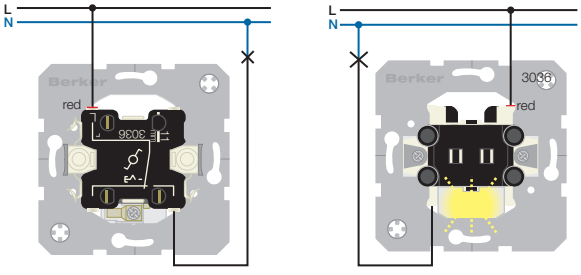


Bild 3: Illuminates when OFF, switch-off with change-over switch

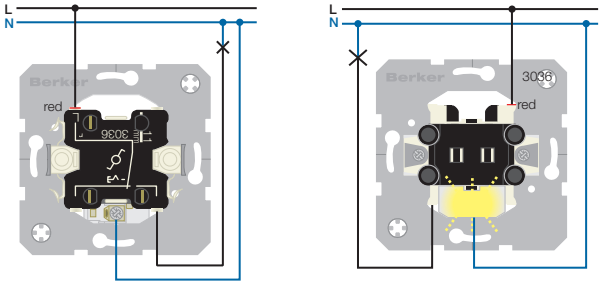


Bild 4: Illuminates when ON, switch-off with change-over switch (remove contact reed on the neon lamp unit)

LED neon lamp units and neon lamps connected in parallel to the switching contact cause the contact opening to be fallen short of.

LED unit with N terminal for series switch [Order no. 1680]

The LED unit with N terminal is available for lighting series switches in the standard and surface ranges from Berker. As a control switch, it displays the switched on loads per series.

Series control switch [Order no. 3035/303550 + 1680]



Bild 5: The LED unit has contact springs (s. figure in the middle), which ensure simple snapping-on from behind

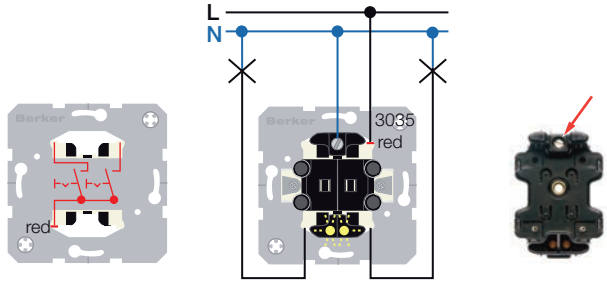


Bild 6: Series monitoring circuit (unit lights up per series when "On"), N terminal (s. figure on the right)

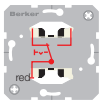
Switches

When connecting energy-saving lamps and electronic upstream devices (EB), the high switch-on currents must be observed. Check the suitability of the devices before use. Use making current limiters if necessary.

Switches	10 AX		16 AX	
	40 W	65 W	40 W	65 W
Uncompensated cos φ ≈ 0.5	23	15	33	21
Compensated cos φ = 0.8	29	18	46	28
Compensated cos φ ≈ 1	34	22	51	33
Lead-lag circuit	38	28	57	42
Parallel compensation	8	5	12	7

Tab. 1: Maximum number of fluorescent lamps to be switched

Change-over switches



3036, 3036 50 Change-over switch
3966 Pullcord switch off/change-over
e.g. 1675 Neon lamp unit with N terminal

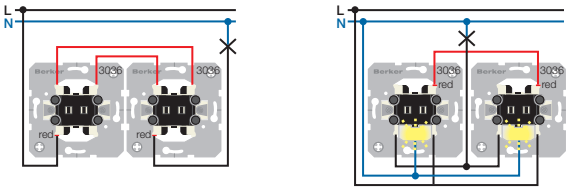


Fig. 1: Change-over circuit / Control change-over switching*: neon lamp unit lights up if "On"

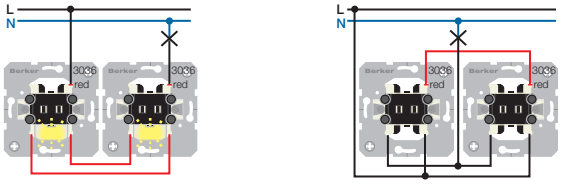
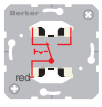


Fig. 2: Change-over switching lights up: Neon lamp unit lights up if "Off" / economy change-over circuit: Phase and lamp wire are in each switch wall box

Switch off operations 1pole with change-over switch



3036, 3036 50 Change-over switch
3966 Pullcord switch off/change-over
e.g. 1675 Neon lamp unit with N terminal

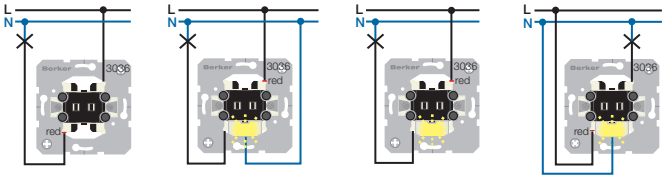
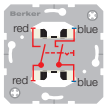


Fig. 3: Switch-off / control switch-off*: Neon lamp unit lights up if "On / Switch-off lights up: Neon lamp unit lights up if "Off" / Switch off : Constantly illuminated*

Switch off operations 2pole, 10 AX



3032 OFF switch 2pole
e.g. 1675 Neon lamp unit

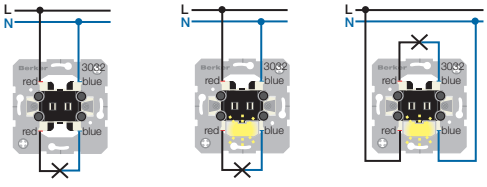
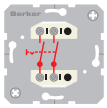


Fig. 4: Switch-off 2pole / control switch-off 2pole: Neon lamp unit lights up if "On / Switch off 2pole: Constantly illuminated

Switch off operations 2pole, 16 AX



3032 12 OFF switch 2pole
1600 02 Neon lamp unit for switches/ push-buttons

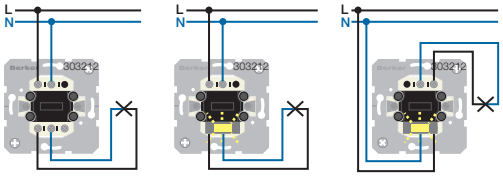
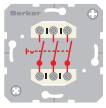


Fig. 5: Switch-off 2pole / control switch-off 2pole: Neon lamp unit lights up if "On / Switch off 2pole: Constantly illuminated

Switch off operations 3pole



3033 03 OFF switch 3pole
1600 Neon lamp unit for OFF switch 3pole

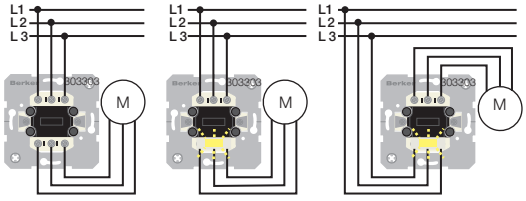
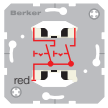


Fig. 6: Switch-off 3pole / control switch-off 3pole: Neon lamp unit lights up if "On / Switch off 3pole: Constantly illuminated

Connections in series



3035, 3035 50 Series switch
1680 LED unit with N terminal
e.g. 1675 Neon lamp unit

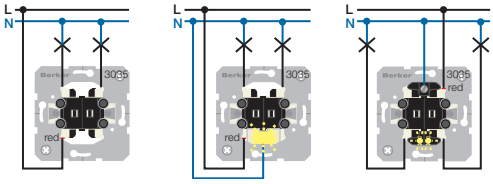


Fig. 7: Connection in series / Control connection in series: LED unit lights up per series if "On" / connection in series: Constantly illuminated*

Mechanical timer [Order no. 2040, 2041]

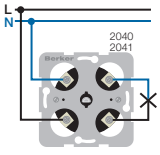
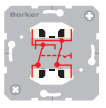


Fig. 8: Off switching 2pole

Intermediate switching operations



3037 Intermediate switch
1675 Neon lamp unit with N terminal

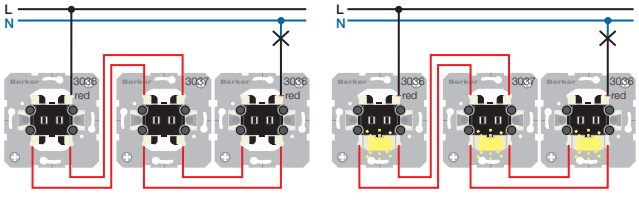
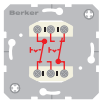


Fig. 9: Intermediate switching / Intermediate switching lights up: Neon lamp unit lights up if "Off"

* Remove detachable contact reed on the neon lamp unit

Applications with double change-over switch



3038 08	Double change-over switch
1600 02	Neon lamp unit for switches/ push-buttons

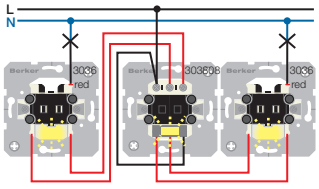


Fig. 10: Change-over switching with double change-over switch: Neon lamp unit on the double change-over switch lights up if the right switch is "Off"

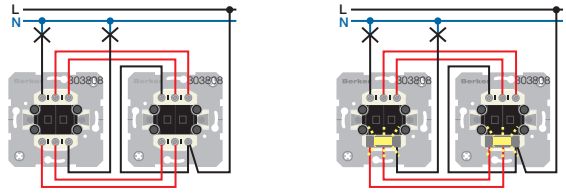
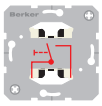


Fig. 11: Double change-over switch/ Double change-over switch lights up: Neon lamp unit lights up if left switch is "Off"

PUSH-BUTTONS

Applications push-button



5031, 5031 50	Push-button NO contact
1675	Neon lamp unit with N terminal

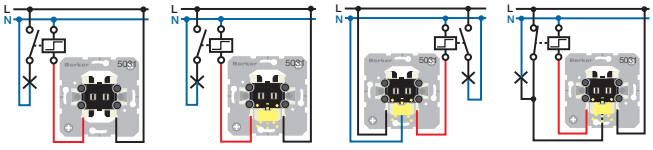


Fig. 1: Push-button, NO contact / push-button lights up: Only a limited number of push-buttons are to be switched in parallel or the neutral conductor must be provided / push-button constantly illuminated*: any number of push-buttons switchable in parallel, the neutral conductor must be included / monitoring circuit*

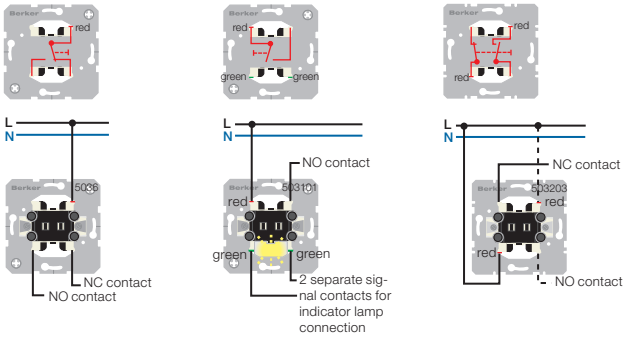


Fig. 2: Push-button, change-over contact [Order no. 5036] / push-button, NO contact with 2 separate signalling contacts [Order no. 5031 01] / push-button, NC contact + NO contact, Isolated input terminal [Order no. 5032 03]

Applications series push-button

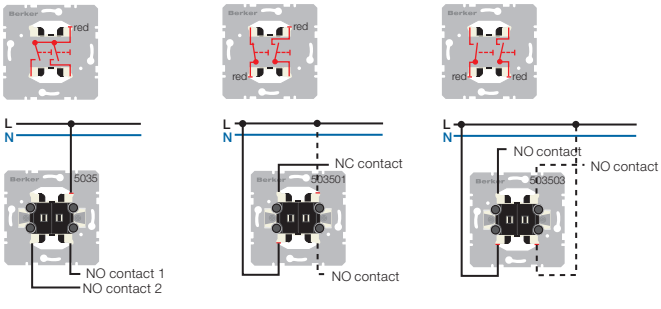


Fig. 3: Series push-button, 2 NO contacts, common input terminal [Order no. 5035] / series push-button, NC contact + NO contact isolated input terminals [Order no. 5035 01] / series push-button, 2 NO contacts, isolated input terminals [Order no. 5035 03]

* Remove detachable contact reed on the neon lamp unit

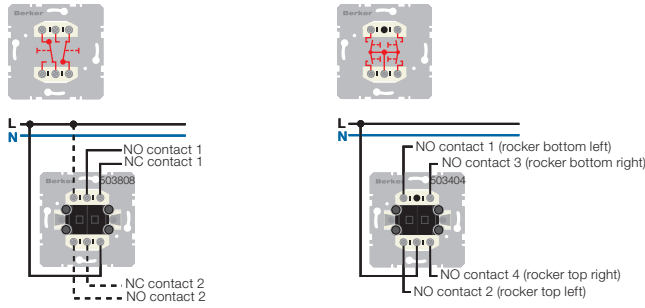
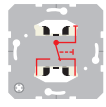


Fig. 4: Series push-button, 2 change-over contacts, isolated input terminals [Order no. 5038 08] / Group series push-button, 4 contacts, common input terminal [Order no. 5034 04]

Application push-button for hotel card



5056 01	Push-button, change-over contact for hotel card
1675	Neon lamp unit with N terminal

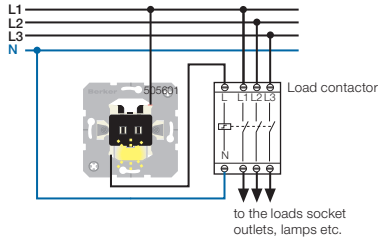


Fig. 5: Push-button, change-over contact for hotel card: Neon lamp unit lights up only when not connected.

The purpose of push-buttons for the hotel card is to ensure the wise use of energy and the retention of the hotel card in hotels.

For this purpose, a load contactor is activated via the hotel card switch. If the hotel card is inserted, the contact is closed and the downstream load contactor switches on the connected electrical load. After removing the hotel card, all electrical loads that are still active but no longer needed, such as lighting (possibly with time delay relay), socket outlet circuits (e.g. for television) are disconnected from the mains. Additionally, a feedback, for example, can be transmitted to the reception and the room temperature can be lowered.

The illumination of the control section makes safe operation possible even in darkness.

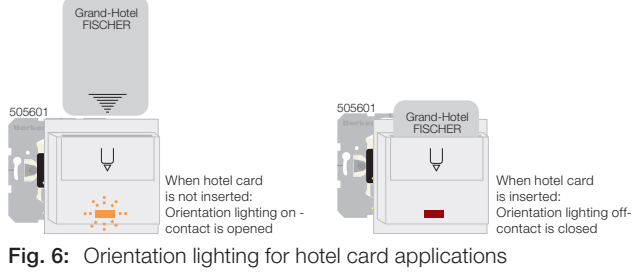


Fig. 6: Orientation lighting for hotel card applications

Applications pullcord push-button



3956 19 Pullcord push-button, change-over contact with separate signal contact

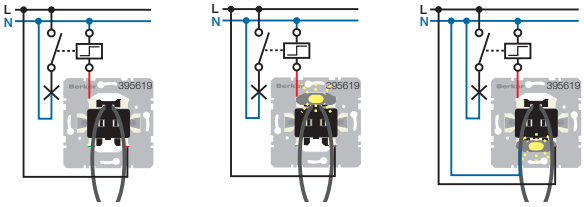


Fig. 7: Pullcord push-button, change-over contact / pullcord push-button illuminated: Only a limited number of push-buttons are to be switched in parallel or the neutral conductor must be included / pullcord push-button constantly illuminated: Any number of push-buttons switchable in parallel, the neutral conductor must be included

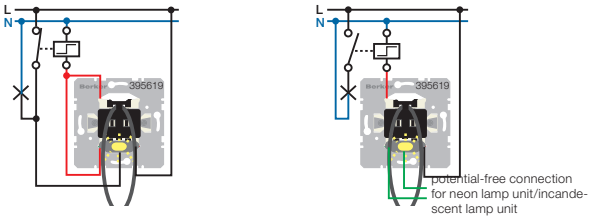


Fig. 8: Control pullcord push-button*, change-over contact / control pullcord push-button*, change-over contact with separate signal contact

Applications push-button/pilot lamp E10 [Order no. 5101..]

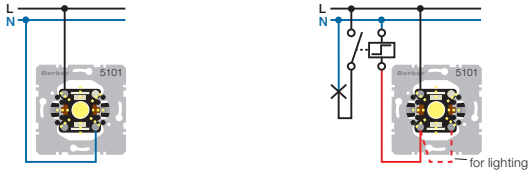


Fig. 9: Pilot lamp E10
push-button illuminated, when using neon lamps only a limited number of push-buttons are to be switched in parallel

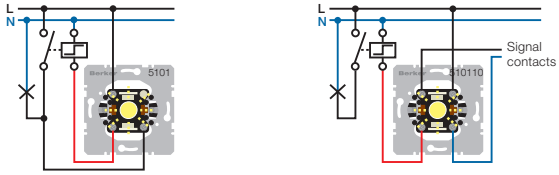


Fig. 10: Control push-button
Push-button with separate signalling contacts, e.g. for connecting an indicator lamp

* Remove detachable contact reed on the neon lamp unit 1605 10

Applications with 3-step switch

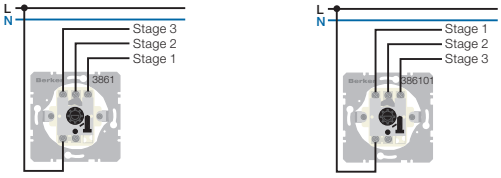


Bild 1: 3-step switch with zero position [Order no. 3861] / 3-step switch without zero position [Order no. 386101]

Switch/push-button in blind applications, key switch

Applications blind series switch/push-button

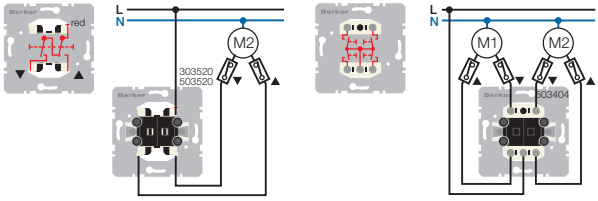


Bild 1: Blind series switch 1pole [Order no. 3035 20]; blind series push-button 1pole [Order no. 5035 20] / group series push-button, 4 NO contacts, common input terminal [Order no. 5034 04] as blind push-button

Applications switch/push-button for blinds

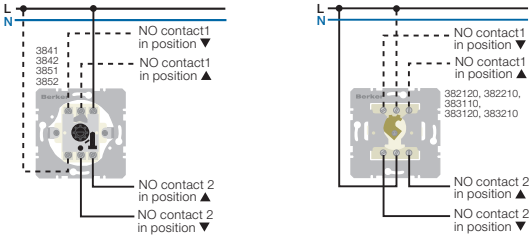


Bild 2: Rotary switch for blinds 1pole and 2pole [Order no. 3841, 3842]; switch for blinds 1pole and 2pole for centre plate with lock [Order no. 3851, 3852] / switch/push-button for blinds 1pole and 2pole for lock cylinder [Order no. 382.., 383..]

Applications key switch

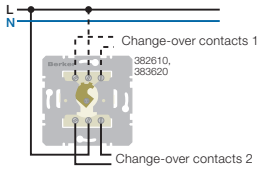


Bild 3: Change-over switch 1pole and 2pole for lock cylinder [Order no. 3826 10, 3836 20]

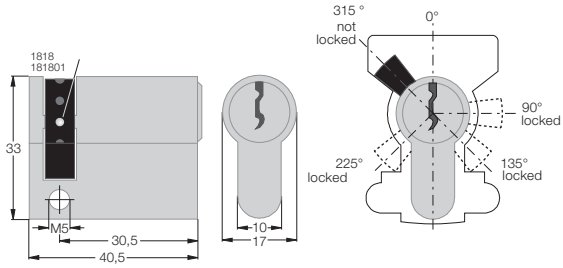


Bild 4: Lock cylinder [Order no. 1818, 1818 01]

The lock bit setting of the lock cylinder can be changed by pushing the bolt in 45°-steps.

In lock bit setting 315°, the cover with the lock cylinder is removable without a key. The key is only removable in zero position (unswitched). The cover is secured against removal in the lock bit settings 90°, 135°, 225°. After activation, the key is turned back to the original position and can be removed with switches in any switching state.

Operating conditions for electronic switches, dimmers and speed controllers

Specification of the rated load capacity when installing as a single device at:

– Ambient temperature up to 25° C
– Wall box in solid stone wall

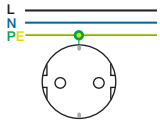
When connecting transformers, the nominal load of the transformer is always assumed not just the nominal load of the connected luminaire.

The maximum connected load must be reduced according to the installation conditions (see table).

Varying conditions:	
minus 10 %	– per 5 °C above 25 °C – external devices in multiple combinations
minus 15 %	in wood or plasterboard wall
minus 20 %	internal devices in multiple combinations

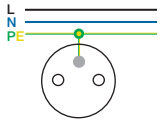
Tab. 1: Reduction of the rated load capacity under varying installation conditions

International socket outlets



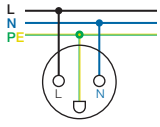
Use in:
AF/AM/AT/AZ/BA/BE/BF/BG/BI/BJ/BY/CF/CS/CZ/DE/EE/EG/ER/ES/FI/GE/GL/GR/HR/HU/ID/IR/IS/IT/KR/KZ/LB/LT/LU/LV/MD/MK/MR/MZ/NL/NO/PE/PT/PY/RO/RU/RW/SA/SE/SI/SM/SO/SR/SY/TJ/TR/UA/UY/UZ

Fig. 1: SCHUKO socket outlet* - 2-pin + earth, 250 V ~, 16 A



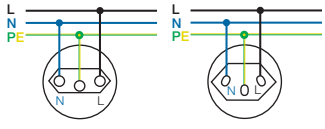
Use in:
AD/BE/CG/CI/CM/DJ/DZ/FR/GF/GN/GP/KH/KM/MA/MG/ML/PL/SK/SN/SY/TD/TG/TN/VN

Fig. 2: Socket outlet with earthing pin FRANCE/BELGIUM* – 2-pin + earth, 250 V~, 16 A



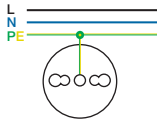
Use in:
DK/GL

Fig. 3: Socket outlet with earthing contact DENMARK – 2-pin + earth, 250 V~, 13 A



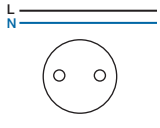
Use in:
CH, type 13 (links)
CH, type 23 (rechts)

Fig. 4: Socket outlet with earthing contact SWITZERLAND – 2-pin + earth, type 13: 250 V~, 10 A; type 23: 250 V~, 16 A



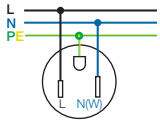
Use in:
AL/CL/ET/IT/LY/SY

Fig. 5: Socket outlet with earthing contact ITALY* – 2-pin + earth, 250 V~, 16 A



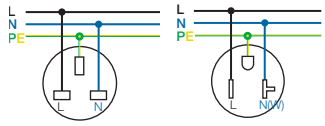
Use in:
AO/NL

Fig. 6: Socket outlet without earthing contact NETHERLANDS* – 2-pin, 250 V~, 16 A



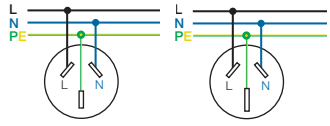
Use in:
AE/AG/BN/BW/CY/GB/GD/GH/GM/HK/IE/IQ/KE/KW/LR/MT/MW/MY/OM/SL/TZ/YE/ZA/ZW

Fig 7: Socket outlet with earthing contact BRITISH STANDARD, standard: BS 1363 Part 2 – 2-pin + earth, 250 V~, 13 A



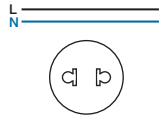
Use in:
CA/GT/GY/HN/HT/KP/LA/MX/PA/PH/PR/SV/TH/TW/US/VE

Fig 8: Socket outlet with earthing contact USA/CANADA NEMA 5–15 R – 2-pin + earth, 125 V~, 15 A (left Fig.); 5–20 R – 2-pin + earth, 125 V~, 20 A (right Fig.)



Use in:
AR/AU/FJ/NZ

Fig. 9: Socket outlet with earthing contact AUSTRALIA – 2-pin + earth, 250 V~, 10 A (left Fig..); 250 V~, 15 A (right Fig.)



Use in:
CA/GT/GY/HN/HT/KP/LA/MX/PA/PH/PR/SV/TH/TW/US/VE

Fig. 10: Socket outlet without earthing contact EURO-AMERICAN STANDARD* – 2-pin, 250 V~, 10 A

* Non-polarised system - without specification for the connection of the external wire and neutral wire

Country abbreviations in accordance with ISO 3166

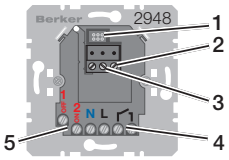
AD=Andorra; AE=United Arab Emirates; AF=Afghanistan; AG=Antigua; AL=Albania; AM=Armenia; AO=Angola; AR=Argentina; AT=Austria; AU=Australia; AZ=Azerbaijan; BA=Bosnia and Herzegovina; BE=Belgium; BF=Burkina Faso; BG=Bulgaria; BI=Burundi; BJ=Benin; BN=Brunei; BW=Botswana; BY=Belarus; CA=Canada; CF=Central Africa Republic; CG=Congo; CH=Switzerland; CI=Côte d'Ivoire; CL=Chile CM=Cameroon; CS=Serbia and Montenegro; CY=Cypress; CZ=Czech Republic; DE=Germany; DJ=Djibouti; DK=Denmark; DZ=Algeria; EE=Estonia; EG=Egypt; ER=Eritrea; ES=Spain; ET=Ethiopia; FI=Finland; FJ=Fiji; FR=France; GB=United Kingdom; GD=Grenada; GE=Georgia; GF=French Guiana; GH=Ghana; GL=Greenland; GM=Gambia; GN=Guinea; GP=Guadeloupe; GR=Greece; GT=Guatemala; GY=Guyana; HK=Hong Kong; HN=Honduras; HR=Croatia; HT=Haiti; HU=Hungary; ID=Indonesia; IE=Ireland; IQ=Iraq; IR=Iran; IS=Iceland; IT=Italy; KE=Kenya; KH=Cambodia; KM=Comoros; KP=North Korea; KR=South Korea; KW=Kuwait; KZ=Kazakhstan; LA=Laos; LB=Lebanon; LR=Liberia; LT=Lithuania; LU=Luxemburg; LV=Latvia; LY=Libya; MA=Morocco; MD=Moldavia; MG=Madagascar; MK=Macedonia; ML=Mali; MR=Mauritania; MT=Malta; MW=Malawi; MX=Mexico; MY=Malaysia; MZ=Mozambique; NL=Netherlands; NO=Norway; NZ=New Zealand; OM=Oman; PA=Panama; PE=Peru; PH=Philippines; PL=Poland; PR=Puerto Rico; PT=Portugal; PY=Paraguay; RO=Rumania; RU=Russia; RW=Ruanda; SA=Saudi Arabia; SE=Sweden; SI=Slovenia; SK=Slovakia; SL=Sierra Leone; SM=San Marino; SN=Senegal; SO=Somalia; SR=Surinam; SV=Salvador; SY=Syria; TD=Chad; TG=Togo; TH=Thailand; TJ=Tajikistan; TM=Turkmenistan; TN=Tunisia; TR=Turkey; TW=Taiwan; TZ=Tanzania; UA=Ukraine; US=USA; UY=Uruguay; UZ=Uzbekistan; VE=Venezuela; VN=Vietnam; YE=Yemen; ZA=Zambia; ZW=Zimbabwe

Insert for timer [Order no. 2948]

⚠ High starting currents when connecting energy-saving lamps and electronic upstream devices (EB). Check the suitability of the devices before use and use making current limiters.

⚠ Do not mix capacitive and inductive connection loads. The device could get damaged.

Connections



1 Interface application module
2 Connection twilight sensor
3 Ground
4 Potential-free NO contact
5 ON/OFF extension unit inputs

Connection for operation with extension unit

N cable required at the terminal connection.

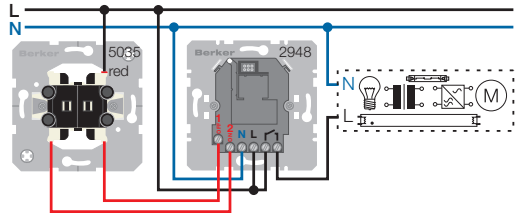


Bild 1: wiring with series push-button, 2 NO contacts (5035) as extension unit

Technical data

Insert for timer	Order no. 2948
Rated voltage	230 V~
Rated frequency	50/60 Hz
Relay output	1 potential-free NO contact, not suited for safe disconnection
connected load	
– 230 V incandescent lamps and halogen lamps	ohmic: 1000 W
– Tronic transformers	capacitive: 750 W
– conv. transformers	(< 85% loaded) incl. transformer power dissipation, inductive: 500 VA
Fluorescent lamps	
– uncompensated	
– parallel compensated	inductive: 500 VA
– Lead-lag circuit	inductive: 400 VA inductive: 1000 VA
Power consumption with application module	0.7 W
fuse protection	via circuit breaker 16 A
Radio interference suppression	according to EN 55015
Operating temperature	0 to 45°C
Degree of protection	IP20
Connecting terminals	Screw terminals for max. 2.5 mm² or 2 x 1.5 mm²

Application modules for timers

The timer application modules make the programmed, time-controlled switching of loads possible. Each application module can be combined with an insert by attaching.

It is possible to switch on or off manually using a series push-button with 2 NO contacts via the extension unit inputs on the insert.

ℹ Manual operation always takes precedence over programmed switching times.

Timer comfort with display [Order no.1736 .., 1738 ..]

Switching times for lighting can be automated via various functions.

– Timer function for switching on at a preset time
– Astro function for adjusting the switch-on or switch-off times to the sunrise and sunset times of the operating location
– Twilight function for brightness-dependent switching via a twilight sensor

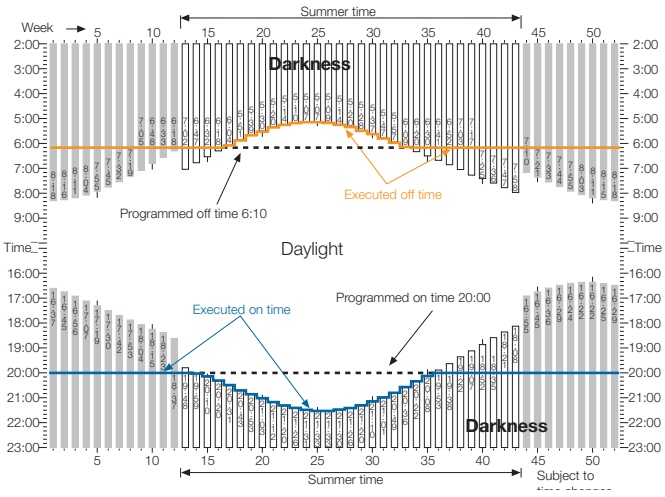


Fig. 1: Astro curve for timers with

Astro function (Fig 1)

When the astro function is activated, switch-on times are triggered at sunset at the earliest. Later switch-on times are retained.

Switch-off times are triggered at sunrise at the latest. Earlier switch-off times are retained.

ℹ The changeover from winter time to summer time must be done manually.

Twilight function

A time switch Comfort for sensors and a twilight sensor connected to the insert are required in order to use the twilight function. To prevent faulty switching during the day, the twilight function is coupled with the Astro characteristic curve and is switched to active approx. 90 minutes before sunset.

Easy timer with display [Order no. 1735 ..]

The Easy timer is characterised by simple programming of the switching times.

– Quick saving of switch-on times via Teach-in
– 2 programme blocks Mon. - Fri. and Sat. - Sun.

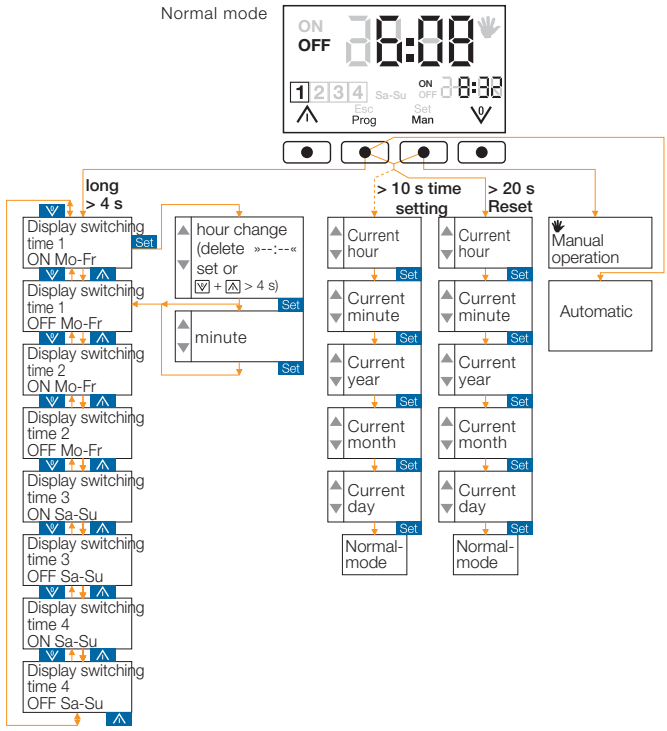


Fig. 2: Programming the Easy timer

Push-buttons	Continuous activation	Action
Man + ∧	> 20 s	Switch on automatic summer-/winter time change-over
Man + ∨	> 20 s	Switch off automatic summer-/winter time change-over
Prog + ∧	> 4 s	Quick saving of switch-on time 1 and 3, simultaneous deletion of switch-on time 2 and 4
Prog + ∨	> 4 s	Quick saving of switch-off time 1 and 3, simultaneous deletion of switch-off time 2 and 4
Set *	-	Confirm input, changes are saved when exiting the submenu
Esc *	-	Cancel, changes are saved and display switches to normal operation

* Key functions in the menus

Tab. 1: Fast programming/operation of the Easy timer

Application modules for timers	
Operating voltage	via insert for timer 2948
Switching time interval	at least 1 min
Change-over time	at least 500 ms
Radio interference suppression	according to EN 55015
Degree of protection	IP20
Comfort with display	**Order no. 1736... , 1738 ..**
switching times	max. 18 in 2 program memories
Running accuracy	± 1 min per month
Power reserve	approx. 24 h, without batteries maintenance-free
Twilight sensor setting range	approx. 6 ... 300 Lux (only 1738 ..)
Timer function (Countdown)	1 min to 23 h 59 min
Random number generator	± 15 min
Astro program	adjustable by ± 1 h 59 min
Operating temperature	0 to 45 °C
Easy with display	**Order no. 1735 ..**
switching times	2 blocks each for Mon-Fri and Sat-Sun (On/Off)
Running accuracy	± 30 s per month
Power reserve	approx. 4 h, without batteries maintenance-free
Operating temperature	0 to 35 °C

Info pilot lamp [Order no. 2949]

The info pilot lamp is used e. g. in waiting rooms, outside conference rooms and treatment rooms. The pilot lamp is illuminated uniformly and clearly visible even from the side.

One of the labelled EVA films supplied can be positioned above or below the milky EVA film installed in the factory - depending on whether or not the labelling should be visible permanently or only when the pilot lamp is on.

If wired with an additional control switch, a switched-on pilot lamp is also displayed at another location via the neon lamp unit.

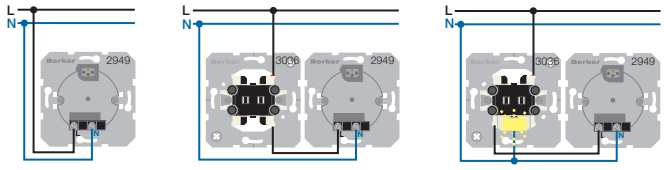


Bild 1: Constant lighting / switch-off / monitoring circuit* - neon lamp unit lights up when pilot lamp is switched on

* Remove detachable contact reed on the neon lamp unit

In-house creation of text and symbol signs

It is possible to create text and/or symbol signs with a PC and appropriate software. The in-house created template, in colour or black/white, can be printed on transparent film using an inkjet or laser printer.

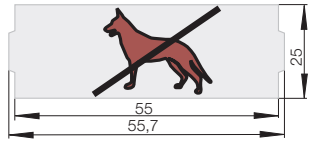


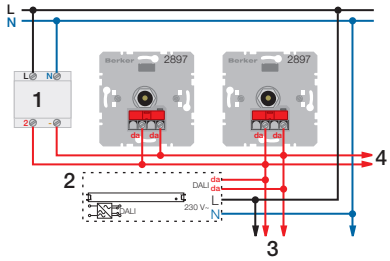
Fig. 2: Dimensions of text and symbol signs

Technical data

Info pilot lamp and cover	Order no. 2949 and 1345 ..
Rated voltage	230 V~, 50/60 Hz
Rated current	approx. 25 mA
LED output	approx. 800 mW
Operating cycles	as desired
Lifetime	25,000 h
Light colour	White
Operating temperature	10 … 30 °C
Degree of protection	IP20
Screw terminals	max. 2.5 mm² or 2 x 1.5 mm²

DALI rotary potentiometer with soft-lock [Order no. 2897]

DALI stands for Digital-Adressable Lighting Interface and is a protocol for controlling light technology operating devices, e.g. electronic transformers, electronic upstream devices etc.



1 Power supply unit (DIN IEC 60929)
2 EB or Tronic transformer with DALI interface
3 Connection of additional devices with DALI interface
4 Connection of additional DALI potentiometers

Fig. 1: Connection of DALI rotary potentiometers as equally entitled control section

The control line and load line can be laid in a common cable.

The brightness of the lighting in the absence of DALI telegrams (PowerON-Level) and in the event of failure of the DALI system voltage (SystemFailure-Level) is stored in the EB and cannot be changed using the DALI rotary potentiometer.

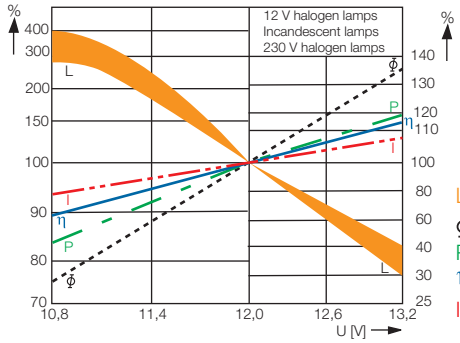
Technical data

Rotary potentiometer DALI	Order no. 2897
DALI system voltage according to IEC 60929	16 V= (9.5 ... 22.5 V=)
Current consumption	under 2 mA
DALI control line length	at 0.5 mm² 100 m at 0.75 mm² 100-150 m at 1.5 mm² over 150 m
Fine-wire fuse	F 0A 25 H 250
Operating temperature	5 ... 35 °C
Insertion depth	21 mm
Connecting terminals	Screw terminals for max. 2 x 2.5 mm² or 1 x 4 mm²

Energy saving by dimming

Controlling the brightness levels of lights not only provides a pleasant ambience, it also prolongs the lives of the bulbs. In the low-voltage halogen field in particular, the compact dimensions of the bulbs can provide special design benefits for lighting which are further enhanced by dimming.
A further important aspect is energy saving, because in dimming mode much less power is drawn from the system and the lives of the bulbs are also greatly prolonged (see diagram). This can save a great deal of money.

Bulb life depending on voltage

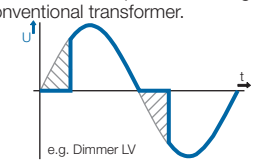


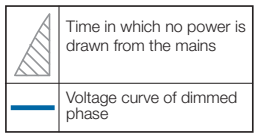
5 % lower voltage corresponds to 200 % life

Universal dimmers teach themselves the load type during commissioning and automatically set the correct dimming principle.

A distinction is made between two **dimming principles:**

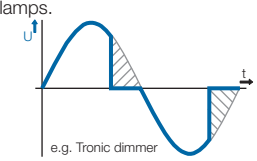
- **Phase cut-on** dimmer for brightness control of:
Incandescent lamps, 230 V halogen lamps and 12 V halogen lamps with conventional transformer.

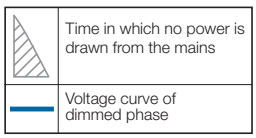




At the beginning of each half-wave the dimmer blocks the current flow to the lamp, it is non-conducting. Only at the end of the time set by the user does the dimmer cut in again, and current is re-applied to the connected lamps. At the next sine zero, the dimmer again blocks the current flow. This process is repeated with each sine half-wave - that is, 100 times per second (50 Hz). During the time in which the dimmer blocks the current, no power is drawn from the mains or metered.

- **Phase cut-off** dimmer for brightness control of:
Low-voltage halogen lamps with Tronic transformers, incandescent and halogen lamps.





The Tronic dimmer is activated when the sine half-wave passes through zero and deactivated again after the time set by the operator. At the next sine wave zero the Tronic dimmer releases the current flow again. This process is repeated with each sine half-wave - that is, 100 times per second (50 Hz). In the time during which the Tronic dimmer blocks the current, no power is drawn from the system, and none is metered.

Dimmer selection table

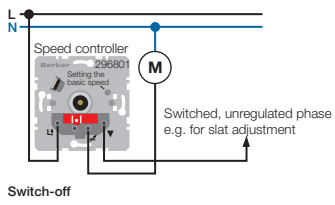
Load type: \ Dimmer type:	Standard phase cut-on dimmers (R)	Low voltage phase cut-on dimmers (R,L)	Phase cut-off dimmers (R,C)	Universal dimmer (R,L,C)	Speed controllers (M)
Standard Incandescent lamps (R)	R matches > OK, combination can be used!	R matches > OK, combination can be used!	R matches > OK, combination can be used!	R matches > OK, combination can be used!	No match > combination unsuitable
230 V halogen and incandescent lamps (R)	R matches > OK, combination can be used!	R matches > OK, combination can be used!	R matches > OK, combination can be used!	R matches > OK, combination can be used!	No match > combination unsuitable
12 V halogen lamps with conventional dimmable transformer (L)	No match > combination unsuitable	L matches > OK, combination can be used!	No match > combination unsuitable	L matches > OK, combination can be used!	No match > combination unsuitable
12 V halogen lamps with electronic transformer with capacitive characteristics (C)	No match > combination unsuitable	No match > combination unsuitable	C matches > OK, combination can be used!	C matches > OK, combination can be used!	No match > combination unsuitable
12 V halogen lamps with electronic transformer with inductive characteristics (L)	No match > combination unsuitable	L matches > OK, combination can be used!	No match > combination unsuitable	L matches > OK, combination can be used!	No match > combination unsuitable
12 V halogen lamps with electronic transformer with inductive or capacitive characteristics (L,C)	No match > combination unsuitable	L matches > OK, combination can be used!	C matches > OK, combination can be used!	L, C matches > OK, combination can be used!	No match > combination unsuitable
Motors (M)	No match > combination unsuitable	No match > combination unsuitable	No match > combination unsuitable	No match > combination unsuitable	M matches > OK, combination can be used!

ε Identifiers for dimmers and electronic switches (with semiconductor switching element) to DIN EN 60669-1/A2 and VDE 0632 part 1/A2.

μ Identifiers for switchgear with relays with micro-contact opening width to DIN EN 60669-1/A2 and VDE 0632 part 1/A2.

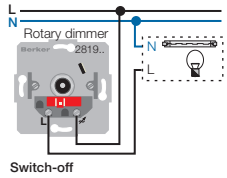
⚠ When using third-party transformers in conjunction with Berker Tronic dimmers and universal dimmers, malfunctions may occur because the components are not optimally attuned to each other.

Speed controller



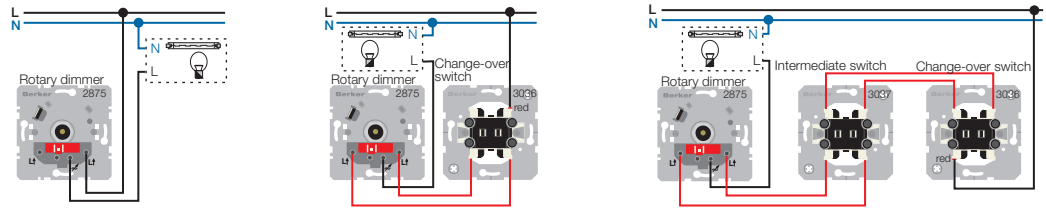
Technical data	Speed controller Order no. 296801 (only 297010)
Motors	for 230/240 V~, 50/60 Hz single-phase motors such as induction, shaded pole or universal motors
Minimum load	0.1 A
Maximum load	2.7 A (2.3 A)
Motor current	max. 2.7 A (max. 2.3 A)
Slat current	Difference of maximum load and motor current
Control principle	Phase cut-on
Noise	low noise
Overheating protection	cut-out; auto. restart after cooling
Fine-wire fuse	T3,15H250
Radio interference suppression	according to EN 55015
Operating temperature	-20 to 25 °C (see operating conditions, page **i 882**)
Terminals	Plug-in terminals for max. 2.5 mm² or 2 x 1.5 mm²

Rotary dimmer 400 W



Technical data	Rotary dimmer 400 W, Order no. 2819..
Nominal voltage	230 V~, 50 Hz
Connected load	230 V incandescent and halogen lamps 60-400 W Combinations of specified loads
LV boosters built-in	max. 10
Control principle	Phase cut-on
Noise	low noise
Fine-wire fuse	T 1.6 H 250
Radio interference suppression	according to EN 55015
Operating temperature	5 to 25 °C (see operating conditions, page **i 882**)
Terminals	Screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²

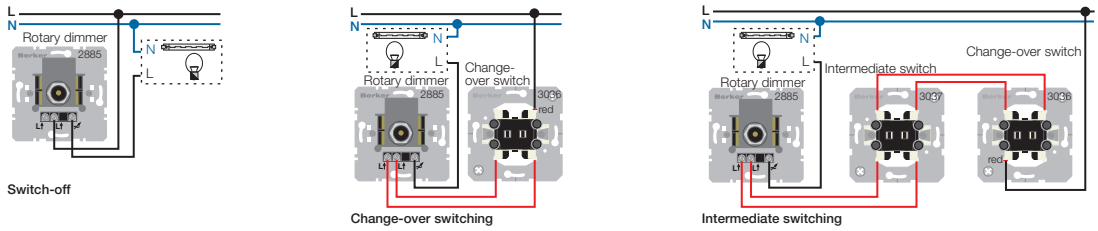
Rotary dimmer 600 W



Technical data	Rotary dimmer 600 W Order no. 2875
Nominal voltage	230 V~, 50 Hz
Connected load	230 V incandescent and halogen lamps 60-600 W, (60-450 W) Combination of specified load types
Power boosters built-in (R, L)	max. 10
Dimming principle	Phase cut-on

(Rotary dimmer)	(Order no. 289505)
Noise	low noise
Fine-wire fuse	T 2.5 H 250
Radio interference suppression	according to EN 55015
Operating temperature	5 to 25 °C (see operating conditions, page **i 882**)
Terminals	Plug-in terminals for max. 2.5 mm² or 2 x 1.5 mm²

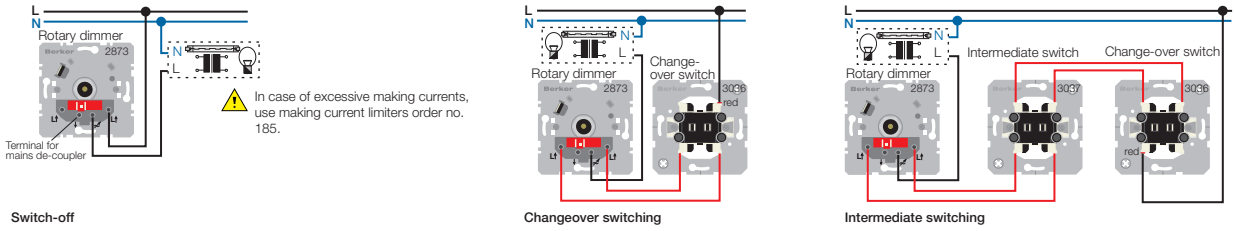
Rotary dimmer 1000 W



Technical data	
Nominal voltage	230/240 V~, 50 Hz
Connected load	230 V incandescent and halogen lamps 100-1000 W Combinations of specified loads
Power boosters built-in (R, L)	max. 10
Dimming principle	Phase cut-off
Noise	very low noise

Rotary dimmer 1000 W	Order no. 2885
Short-circuit-proof	Switch off with auto. restart electronic protection (no change-over)
Overload protected	by power reduction
Radio interference suppression	according to EN 55015
Operating temperature	5 to 25 °C (see operating conditions, page **i 882**)
Terminals	Screw-type terminals 0.75 to 4 mm²

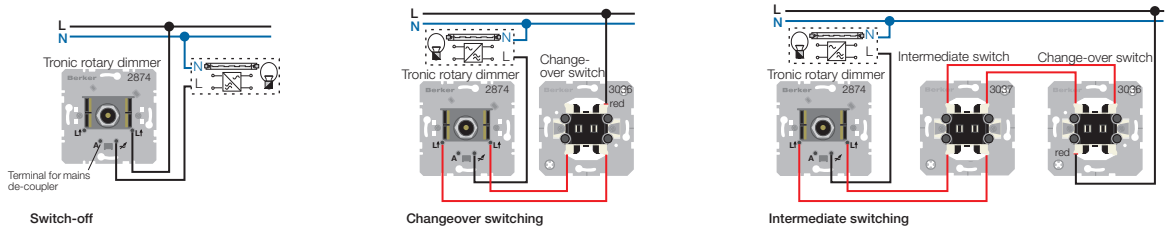
Rotary dimmer (R, L)



Technical data	
Nominal voltage	230 V~, 50 Hz
Connected load	230 V incandescent and halogen lamps 20-500 W conv. transformers (subject to min. 85 % of rated load) total power output including transformer power dissipation 20-500 VA Combination of specified load types
Power boosters built-in (R, L)	max. 10
Switching current for base load mains decoupler	max. 100 mA

Rotary dimmer (R, L)	Order no. 2873
Dimming principle	Phase cut-on
Noise	low noise
Fine-wire fuse	D 3.15 H 250
Radio interference suppression	according to EN 55015
Operating temperature	5 to 25 °C (see operating conditions, page **i 882**)
Terminals	Plug-in terminals for max. 2.5 mm² or 2 x 1.5 mm²

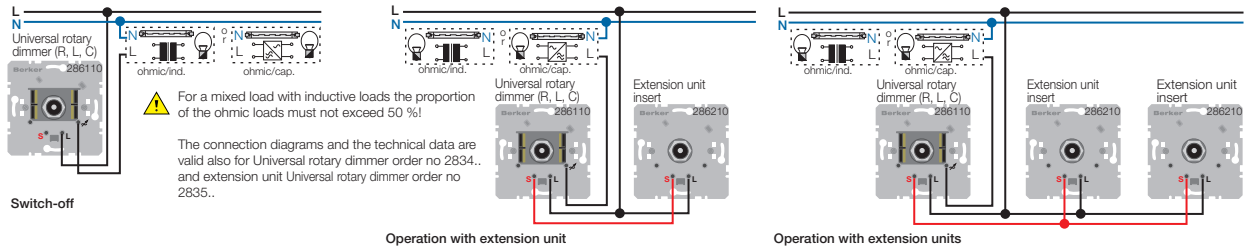
Tronic rotary dimmer (R, C)



Technical data	
Nominal voltage	230 V~, 50 Hz
Connected load	230 V incandescent and halogen lamps 20-525 W Tronic transformers 20-525 W Combination of specified load types
Universal power bossters Plus RMD	max. 10 à 500 W
Tronic power boosters built-in	max. 10
Switching current for base load mains de-coupler	max. 100 mA
Dimming principle	Phase cut-off

Tronic rotary dimmer (R, C)	Order no. 2874
Switch-on	Bulb-preserving soft start-up
Noise	very low noise
Short-circuit-proof	Switch-off with auto. restart electronic fuse maintenance free
Overload protected	by power reduction
Radio interference suppression	according to EN 55015
Operating temperature	5 to 25 °C (see operating conditions, page **i 882**)
Terminals	Plug-in terminals for max. 2.5 mm² or 2 x 1.5 mm²

Universal rotary dimmer (R, L, C) and extension unit input



Technical data	
Nominal voltage	230 V~, 50/60 Hz
Connected load	230 V incandescent and halogen lamps 50-420 W (ohmic, phase cut-off) Tronic transformers 50-420 W (capacitive, phase cut-off) or conv. transformers (subject to min. 85 % of rated load) including transformer power dissipation 420 VA (inductive, phase cut-on) Mixed loads, do not mix capacitive and inductive loads!
Universal power boosters Plus RMD	for phase cut-off max. 10 items á 500 W for phase cut-on max. 5 items á 420 VA
Tronic or power boosters built-in (R, L) according to type of load	max. 10
Power consumption	approx. 0.5 W

Universal rotary dimmer (R, L, C)	Order no. 286110
Dimming principle	Phase cut-on or cut-off depending on load type
Switch-on	bulb-preserving soft start-up
No. of extension units	Extension unit inserts max. 5
Extension unit cable length	max. 100 m
Noise	very low noise
Short-circuit-proof	switch off with auto. restart, electronic fuse (no change-over)
Overload protected	by power reduction
Radio interference suppression	according to EN 55015
Operating temperature	5 to 25 °C (see operating conditions, page **i 882**)
Connecting terminals	Plug-in terminals for max. 2.5 mm² or 2 x 1.5 mm²

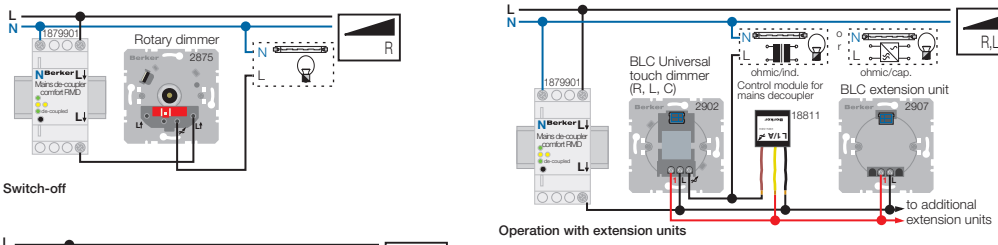
Rotary dimmer/Tronic rotary dimmer (R, C) and BLC Universal touch dimmer (R, L, C) with mains decoupler comfort RMD

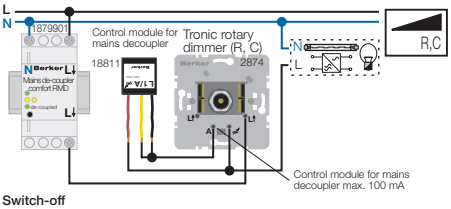
Function: The mains de-couplers monitor the connected circuit and cut the mains power as soon as all consumers are switched off.
The cut-off circuit is monitored with 230 V DC.
This shuts off the electrical and electrical-magnetic alternating fields, as recommended by building biologists.
When a consumer is switched on the mains voltage is restored.

Conv. transformers subject to min. 85 % of rated load.
Total power output, including transformer power loss, must not exceed 420 VA.

In order to prevent heating problems caused by mains overvoltages, there should be a 1/2 module gap to other RMD devices.

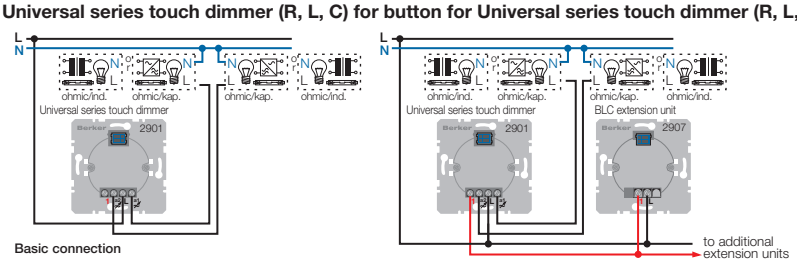
Depending on the mains decoupler, no more than 1 control module may be used per mains decoupler.
Press a BLC button for at least 200 ms in order to reactivate the mains decoupler.

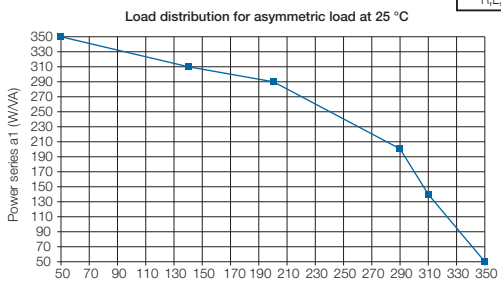




Can function with the following devices for example:	Order no.:	Control module for mains decoupler required
Rotary dimmer 600 W	2875	-
Rotary dimmer (R, L)	2873	-
Tronic rotary dimmer (R, C)	2874	Yes
Universal rotary dimmer (R, L, C) extension unit input	2861.., 2834..	No, but no extension units possible
BLC Universal touch dimmer (R, L, C) only with BLC button	2902	Only if extension units are used Max. extension set cable length: 20 m
1-10 V rotary potentiometer	289110	-
1-10 V push-button rotary potentiometer, NO contact	289610	-
Temperature controller, NC contact, with centre plate	2030..	-
Temperature controller, change over contact, with centre plate	2026..	-

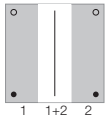
Universal series touch dimmer (R, L, C) for button for Universal series touch dimmer (R, L, C)





For a mixed load only ohmic/inductive or ohmic/capacitive is permitted per series
For a mixed load with inductive loads the proportion of the ohmic loads must not exceed 50 %!
Risk of destruction if load outputs series a1 and a2 are connected in parallel.
Risk of destruction: the electronic overheating protection only functions when a load is connected to series a1.
In all cases only the series on which the short-circuit occurred is switched off.
Extension unit operation is only possible if a load is connected to series a1.

Operation:
The button for Universal series touch dimmer is subdivided into 3 areas.
Left: Operation of series 1
Right: Operation of series 2
Centre: Operation of series 1 and 2
Both series are always operated simultaneously via an extension unit.



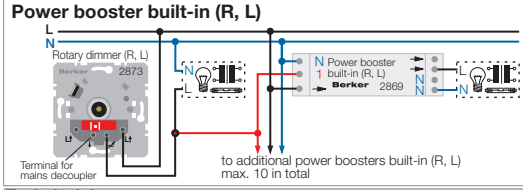
Operation in the switched-off state:
Short press on top (< 400 ms): 100 % brightness or if a brightness is saved the memory is called up.
Long press at bottom (> 400 ms): Dimming to minimum brightness (slumber function).

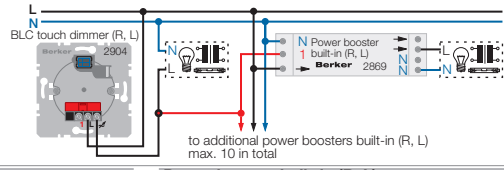
Operation in the switched-on state:
Short press at bottom (< 400 ms) light is off.
Long press on top/below (> 400 ms): Light is dimmed up/down.
Long press over the entire surface (> 3 sec.) the current brightness is saved;
the saving operation is indicated by a soft start.
(Delivery configuration: 100 % switch-on brightnesses)

Technical data	
Rated voltage	230 V~, 50/60 Hz
Connected load per series	230 V incandescent and halogen lamps 50-260 W (ohmic, phase cut-off) Tronic transformers 50-260 W (capacitive, phase cut-off) or conv. transformers (loaded < 85 %) incl. transformer power dissipation 50-260 VA (inductive, phase cut-on) Mixed loads possible, capacitive and inductive loads must not be mixed within a series, however!
Universal power boosters Plus RMD	is checked
Tronic or power boosters built-in (R, L) according to type of load	max. 10
Power consumption	approx. 0.7 W per series
Dimming principle	per series phase cut on or cut off depending upon type of load

Universal series touch dimmer (R, L, C)	Order no. 2901
Switching on	bulb-preserving soft startup
Number of extension units	BLC extension unit unlimited
Extension unit cable length	max. 100 m
Noise generation	very low noise
Short-circuit proof	switch-off with autom. restart electron. fuse (maintenance-free)
Overtemperature protection	autom. switch-off
Radio interference suppression	according to EN 55015
Operating temperature	5 to 25 °C (observe operating conditions, page **i 882**)
Connecting terminals	screw terminals for max. 4 mm² or 2 x 2.5 mm²

Power booster built-in (R, L)





R,L

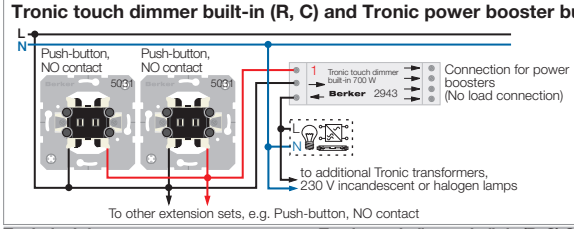
⚠ Above 3680 VA split phases. (ensure phase equality.) Observe the operating conditions on Page T6.

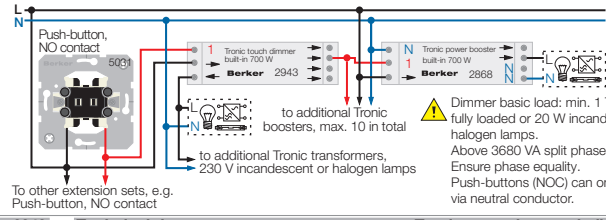
⚠ In case of excessive making currents use making current limiters order no.: 185.

Technical data	
Rated voltage	230 V~, 50 Hz
Connected load	230 V incandescent and halogen lamps 50-600 W conv. transformers (loaded < 85 %) incl. transformer power dissipation 50-600 W VA Mixed load of the specified load types, do not mix capacitive and inductive loads!
Power boosters built-in (R, L)	max. 10 total
Dimming principle	phase cut-on
Switching on	bulb-preserving soft startup
Noise generation	very low noise

Power booster built-in (R, L)	Order no. 2869
Short-circuit proof	switch-off with autom. restart within 7 sec. electron. fuse (maintenance-free)
Overtemperature protection	via autom. switch-off
Radio interference suppression	according to EN 55015
Operating temperature	-5 to 45 °C, -15 % power reduction per 5 °C over
Connecting terminals	screw terminals 0.75–4 mm²
Minimum ceiling aperture for standard ceiling height of 78 mm	63 mm
Dimensions (W x H x D)	48.5 x 46 x 212 mm

Tronic touch dimmer built-in (R, C) and Tronic power booster built-in





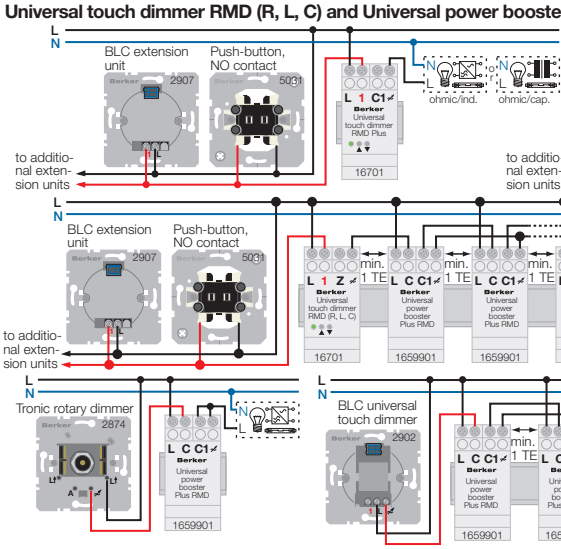
R,C

⚠ Dimmer basic load: min. 1 Tronic transformer fully loaded or 20 W incandescent/230 V halogen lamps.
Above 3680 VA split phases.
Ensure phase equality.
Push-buttons (NOC) can only be illuminated via neutral conductor.

Technical data	Tronic touch dimmer built-in (R, C) Order no. 2943
Rated voltage	230 V~, 50 Hz
Connected load	230 V incandescent and halogen lamps 50-700 W | Tronic transformers 50-700 W Mixed load of the specified load types, do not mix capacitive and inductive loads!
Power boosters built-in (R, L) (Universal power boosters)	max. 10 (max. 10 á 400 W)
Dimming principle	phase cut-off
Switching on	bulb-preserving soft startup
Number of extension units	BLC extension unit and push-button (NO contact) unlimited
Noise generation	very low noise
Short-circuit proof	switch-off with autom. restart within 7 sec. electron. fuse (maintenance-free)
Overtemperature protection	via autom. switch-off
Radio interference suppression	according to EN 55015
Operating temperature	-5 to 45 °C, -15 % power reduction per 5 °C over
Connecting terminals	screw terminals 0.75–4 mm²
Minimum ceiling aperture for standard ceiling height of 78 mm	63 mm
Dimensions (W x H x D)	48.5 x 46 x 212 mm

Technical data	Tronic power booster built-in Order no. 2868
Rated voltage	230 V~, 50/60 Hz
Connected load	230 V incandescent lamps and halogen lamps 50-700 W Tronic transformers 50-700 W Mixed load of the specified load types, do not mix capacitive and inductive loads!
Power boosters built-in (R, L)	max. 10 total
Dimming principle	phase cut-off
Switching on	bulb-preserving soft startup
Noise generation	very low noise
Short-circuit proof	switch-off with autom. restart within 7 sec. electron. fuse (maintenance-free)
Overtemperature protection	via autom. switch-off
Radio interference suppression	according to EN 55015
Operating temperature	-5 to 45 °C, -15 % power reduction per 5 °C over
Connecting terminals	screw terminals 0.75–4 mm²
Minimum ceiling aperture for standard ceiling height of 78 mm	63 mm
Dimensions (W x H x D)	48.5 x 46 x 212 mm

Universal touch dimmer RMD (R, L, C) and Universal power booster Plus RMD



R,L,C

⚠ For a mixed load only ohmic/inductive or ohmic/capacitive is permitted. For mixed loads with inductive loads, the proportion of ohmic loads may not exceed 50 %! A maximum of 5/10 Universal power boosters Plus RMD may be connected to one dimmer (depending on the dimmer principle phase cut-on or phase cut-off). Keep a minimum distance of 1 module with several dimmers.

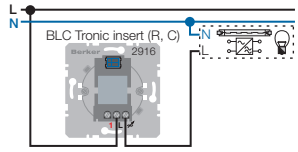
Order no.:	Usable dimmer types
2874	Tronic rotary dimmer (R, C)
2943	Tronic touch dimmer built-in (R, C)
2861.. and 2834..	Universal rotary dimmer (R, L, C)
2902	BLC universal touch dimmer (R, L, C)
16701	Universal touch dimmer RMD (R, L, C)
181	Radio universal dimmer built-in
94550100	Radio universal dimmer RMD
75311007	Universal dim actuator 1gang RMD
75312007	Universal dim actuator gang RMD
75314007	Universal dim actuator 4gang RMD

Technical data	Universal touch dimmer RMD (R, L, C) Order no. 16701
Nominal voltage	230 V~, 50/60 Hz
Connected load	230 V Incandescent and halogen lamps 50-500 W (ohmic, phase cut-off) Tronic transformers 50-500 W (capacitive, phase cut-off) orconv. transformers subject to min. 85 % of rated load.Total power output 50-500 VA including transformer power dissipation (inductive, phase cut-on). Mixed load of specified load types, do not mix capacitive and inductive loads!
Load cable length	max. 100 m
Control cable length	max. 100 m
Universal power booster Plus RMD	for phase cut-off max. 10 items á 500 W for phase cut-on max. 5 items á 420 VA
Dimming principle	Phase cut-on or cut-off depending on load type
Switch-on	bulb-preserving soft start-up
No. of extension units	BLC extension unit and push-button (NOC) unlimited
Extension set cable length	max. 100 m
Noise	very low noise
Short-circuit-proof	Switch-off with auto. restart electronic fuse (maintenance free)
Overheating protection	by means of autom. switch-off
Radio interference suppression	according to EN 55015
Operating temperature	-5 to 45 °C
Connecting terminals	screw-type terminals 0.75 to 4 mm²
RMD	2 modules
Dimensions (W x H x D)	36 x 90 x 70 mm
Height from DIN rail	63 mm

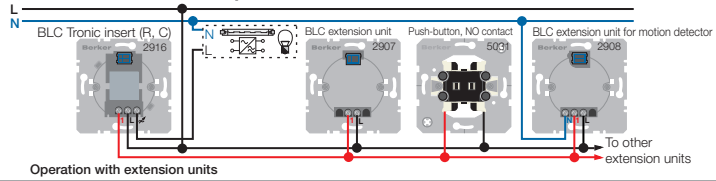
Technical data	Universal power booster Plus RMD Order no. 1659901
Nominal voltage	230 V~, 50/60 Hz
Connected load (per power booster)	230 V incandescent and halogen lamps 200-500 W (ohmic, phase cut-off) Tronic transformers 200-500 W (capacitive load, phase cut-off) or conv. transformers subject to min. 85 % of rated load. Total power output 200-420 VA including transformer power loss (inductive load, phase cut-on). Mixed load of specified load types, do not mix capacitive and inductive loads!
Load cable length	max. 100 m
Control cable length	max. 100 m
Universal power boosters Plus RMD	total for phase cut-off max. 10 items á 500 W total for phase cut-on max. 5 items á 420 VA
Dimming principle	phase cut-on or cut-off depending on activation
Switch-on	bulb-preserving soft start-up
Noise	very low noise
Short-circuit-proof	Switch-off with auto. restart electronic fuse (maintenance free)
Overheating protection	by means of autom. cut-out
Radio interference suppression	according to EN 55015
Operating temperature	-5 to 45 °C
Connecting terminals	screw-type terminals 0.75 to 4 mm²
RMD	2 modules
Dimensions (W x H x D)	36 x 90 x 70 mm
Height from DIN rail	63 mm

Covers / Inserts	BLC button	BLC radio button	BLC controller	BLC controller Comfort	BLC presence detectors with constant light control
	 1761 xx xx	 1760 xx xx	 1783 xx xx 1786 xx xx 1788 xx xx	 1784 xx xx 1787 xx xx 1789 xx xx	 1701 10
BLC Triac insert (R, L) 50-400 W/VA  2905	Switching	Switching Radio remote control Light scenes (On/Off)	Switching	Switching Step operation with immunity time Digital mode of operation (1789 xx additional functions e.g. pre-warning of switch-off)	Switching Light control
BLC Tronic insert (R, L) 50-420 W  2916	Switching	Switching Radio remote control Light scenes (On/Off)	Switching	Switching Step operation with immunity time Digital mode of operation (1789 xx additional functions e.g. pre-warning of switch-off)	Switching Light control
BLC relay insert 2300 W/VA  2906	Switching	Switching Radio remote control Light scenes (On/Off)	Switching	Switching Step operation with immunity time Digital mode of operation (1789 xx additional functions e.g. pre-warning of switch-off)	Switching Light control
BLC relay insert 800 W  2906 10	Switching	Switching Radio remote control Light scenes (On/Off)	Switching	Switching Step operation with immunity time Digital mode of operation (1789 xx additional functions e.g. pre-warning of switch-off)	Switching Light control
BLC relay insert HVAC 1000 W/VA | 800 W/VA  2912	Switching + HVAC contact day-time-controlled	Switching + HVAC contact day-time-controlled Radio remote control Light scenes (only On/Off)	Switching+ Brightness-independent HLK contact delay time-controlled	Switching Brightness-independent step operation with immunity time + Brightness-independent HVAC contact delay time-controlled Digital mode of operation (1789 xx addit. functions)	Switching + HVAC contact day-time-controlled Light control
BLC touch dimmer (R, L) 20-500 W/VA  2904	Switching Dimming Switch-on brightness memory	Switching Dimming Switch-on brightness memory Radio remote control Light scenes	Switching	Switching Switch-off pre-warning by 30 seconds' dimming process Switch-on brightness memory Digital mode of operation (1789 xx additional functions)	Switching Dimming Constant light control
BLC Universal touch dimmer (R, L, C) 50-420 W/VA  2902	Switching Dimming Switch-on brightness memory	Switching Dimming Switch-on brightness memory Radio remote control Light scenes	Switching	Switching Switch-off pre-warning by 30 seconds' dimming process Switch-on brightness memory Digital mode of operation (1789 xx additional functions)	Switching Dimming Constant light control
BLC 1-10 V touch control unit 700 W  2903	Switching Dimming Switch-on brightness memory	Switching Dimming Switch-on brightness memory Radio remote control Light scenes	Switching	Switching Switch-off pre-warning by 30 seconds' dimming process Switch-on brightness memory Digital mode of operation (1789 xx additional functions)	Switching Dimming Constant light control
BLC insert for timer  2934 10	Switch-on Switch-off warning flashing Use only in conjunction with BLC timer RMD for stairway light		Switch-on Switch-off warning flashing Use only in conjunction with BLC timer RMD for stairway light	Switch-on Switch-off warning flashing Digital mode of operation Use only in conjunction with BLC timer RMD for stairway light	Switch-on Switch-off warning flashing Use only in conjunction with BLC timer RMD for stairway light
BLC extension unit  2907	Switching (dimming) Extension unit for BLC touch dimmer, switch inserts and touch control unit 1-10 V (or Push-button, NO contact) Presence function On/Off Saving of switch-on brightness				
BLC extension unit for motion detector  2908			As active extension unit for BLC controller 1.1 m, BLC controller 1.1 m Comfort and BLC presence detectors with constant light control	As active extension unit for BLC controller 1.1 m, BLC controller 1.1 m Comfort and BLC presence detectors with constant light control Digital mode of operation (1789 xx additional functions)	As active extension unit for BLC controller 1.1 m, BLC controller 1.1 m Comfort and BLC presence detectors with constant light control

BLC Tronic insert (R, C) for BLC button, BLC radio button, BLC presence detector and BLC controller



Basic circuit



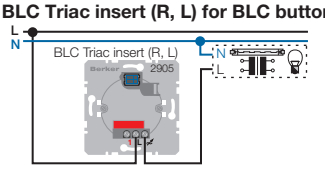
Operation with extension units

Push-buttons, NO contact can only be illuminated via phase and neutral conductor.
Extension unit operation is only possible if there is a cover fitted on the BLC Tronic insert (R, C). Use BLC extension unit for motion detector only in combination with BLC controller or BLC presence detector on the BLC Tronic insert (R, C).

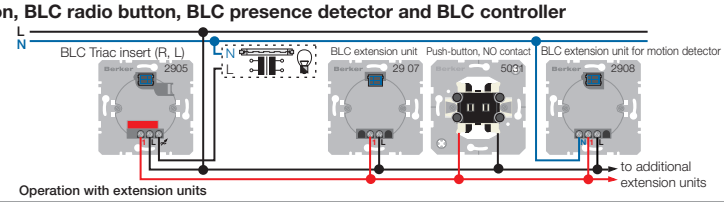
Technical data	
Nominal voltage	230 V~, 50/60 Hz
Connected load	230 V incandescent and halogen lamps as well as Tronic transformer 50-420 W Mixed load of specified load types
Power consumption	approx. 1 W
Switch-on	bulb-preserving soft start
Extension units	BLC extension unit and push-button, NO contact unlimited BLC controller extension units max. 10

BLC Tronic insert (R, C)	Order no. 2916
Extension unit cable length	max. 100 m
Short-circuit-proof	switch off with auto. restart within 7 sec. electronic fuse (maintenance free)
Overheating protection	by means of autom. cut-out
Radio interference suppression	to EN 55015
Operating temperature	-20 to 25 °C (see operating conditions, page **i 882**)
Connecting terminals	s crew-type terminals for max. 2.5 mm² or 2 x 1.5 mm²

BLC Triac insert (R, L) for BLC button, BLC radio button, BLC presence detector and BLC controller



Basic circuit



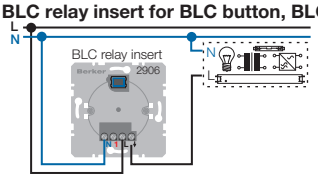
Operation with extension units

Push-buttons, NO contacts can only be illuminated via phase and neutral conductor.
Extension unit operation is only possible if there is a cover fitted on the BLC Triac insert (R, L).
Use BLC extension unit for motion detector only in combination with BLC controller or BLC presence detector on the BLC Triac switch insert.
In case of excessive switch-on currents (with conv. transformers) use inrush current limiter order no. 185.

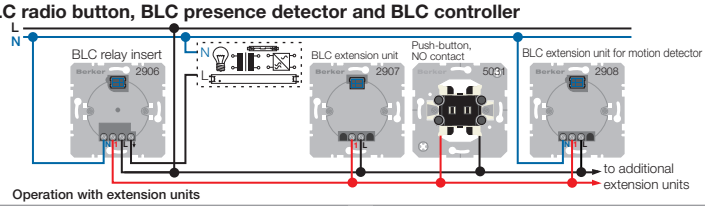
Technical data	
Nominal voltage	230 V~, 50/60 Hz
Connected load	230 V incandescent and halogen lamps 40-400 W Conv. transformers (< 85 % loading) incl. transformer power dissipation 40-400 VA (inductive) Mixed load of specified load types
Power consumption	approx. 1 W
Switch-on	bulb-preserving soft start

BLC Triac insert (R, L)	Order no. 2905
Extension units	BLC extension unit and push-button NO contact unlimited BLC extension unit for motion detector max. 10
Extension unit cable length	max. 100 m
Fine-wire fuse	T 1.6 H 250 V
Radio interference suppression	according to EN 55015
Operating temperature	-20 to 25 °C (see operating conditions, page **i 882**)
Connecting terminals	screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²

BLC relay insert for BLC button, BLC radio button, BLC presence detector and BLC controller



Basic circuit



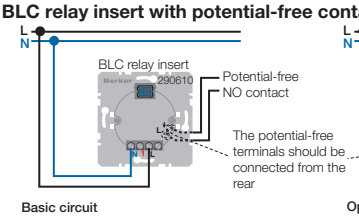
Operation with extension units

When energy-saving lamps and electronic ballasts are connected note high switch-on currents, if necessary use making current limiter order no. 185.
Push-buttons, NO contacts can only be illuminated via phase and neutral conductor.
Extension unit operation is only possib le if there is a cover fitted on the BLC relay insert.
Use BLC extension unit for motion detector only in combination with BLC controller or BLC presence detector on the BLC relay insert.

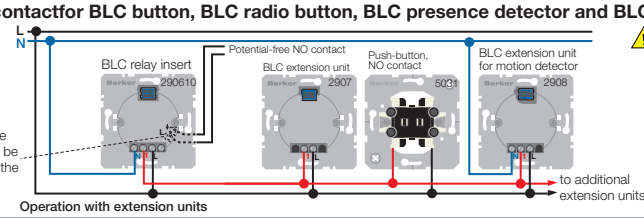
Technical data	
Nominal voltage	230 V, 50/60 Hz
Connected load	230 V incandescent and halogen lamps 2300 W (ohmic) Tronic transformer 1500 W (capacitive) Conv. transformers (< 85 % loading) incl. transformer power dissipation 1000 VA (inductive) Fluorescent lamps uncompensated 1200 VA, parallel compensated 920 VA (induktive) Duo circuit 2300 VA (inductive) Mixed loads; capacitive and inductive loads should not be mixed

BLC relay insert	Order no. 2906
Power consumption	approx. 1.1 W
Extension units	BLC extension unit and push-button (NOC) unlimited BLC extension units for motion detector max. 10
Extension unit cable length	max. 100 m
Fuse	via 10 A circuit-breaker
Radio interference suppression	according to EN 55015
Operating temperature	- 20 to 45 °C (2000 W at 45 °C)
Connecting terminals	screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²

BLC relay insert with potential-free contactfor BLC button, BLC radio button, BLC presence detector and BLC controller



Basic circuit



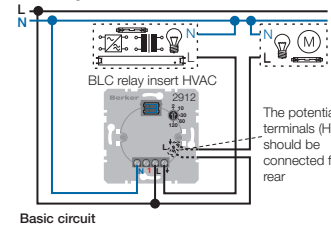
Operation with extension units

When energy-saving lamps and electronic ballasts are connected note high switch-on currents, if necessary use inrush current limiter order no. 185.
The potential-free contact is suitable for function extra-low voltage FELV (alternating current)!
Push-buttons, NO contacts can only be illuminated via phase and neutral conductor.
Extension unit operation is only possible if there is a cover fitted on the BLC relay insert.
Use BLC extension unit for motion detector only in combination with BLC controller or BLC presence detector on the BLC relay insert.

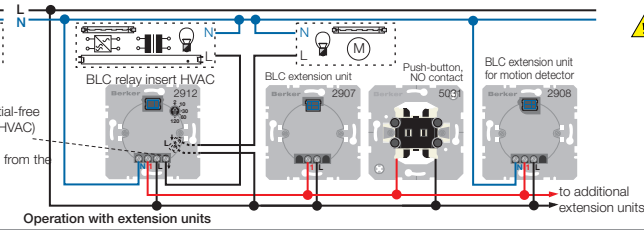
Technical data	
Nominal voltage	230 V, 50/60 Hz
Connected load potential-free suitable for extra-low voltage (alternating current)	incandescent lamps 800 W 230 V halogen lamps 750 W
Minimum load	12 V, 100 mA
Extension units	BLC extension units and push-button (NOC) unlimited BLC extension unit for motion detector max. 10

BLC relay insert	Order no. 290610
Extension unit cable length	max. 100 m
Power consumption	approx. 1.5 W
Fuse	via 10 A circuit-breaker
Radio interference suppression	according to EN 55015
Operating temperature	5 to 35 °C
Connecting terminals	screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²

BLC relay insert HVAC for BLC button, BLC radio button, BLC presence detector and BLC controller



Basic circuit



Operation with extension units

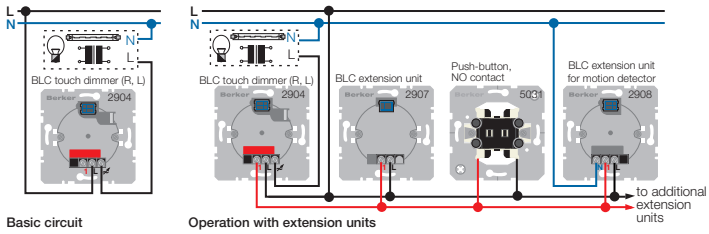
When energy-saving lamps and electronic ballasts are connected note high switch-on currents, if necessary use inrush current limiter order no. 185.
The potential-free contact is suitable for function extra-low voltage FELV (alternating current)!
Push-buttons, NO contacts can only be illuminated via phase and neutral conductor.
Extension unit operation is only possible if there is a cover fitted on the BLC relay insert HVAC.
Use BLC extension unit for motion detector only in combination with BLC controller or BLC presence detector on the BLC relay insert HVAC.

Technical data	
Nominal voltage	230 V, 50/60 Hz
Connected power channel 1	230 V incandescent and halogen lamps 1000 W (ohmic) Tronic transformer 750 W (capacitive) Conv. transformers (< 85 % loading) incl. transformer power dissipation 750 VA (inductive) Fluorescent lamps uncompensated 500 VA, Duo circuit 1000 VA (inductive) Mixed load, capacitive and inductive loads should not be mixed
Connected power HVAC channel	incandescent lamps 800 W
Potential-free	LV halogen lamps 750 W motor switching current 2.1 A

BLC relay insert HVAC	Order no. 2912
Power consumption	approx. 1.5 W
Switching OFF delay time	HVAC channel approx. 2/10/30/60/120 min.
Switching delay	HVAC channel 3 min., can be permanently switched off with BLC button
Extension units	BLC extension units and push-button, NO contact unlimited BLC extension unit for motion detector max. 10
Extension unit cable length	max. 100 m
Fuse	via 10 A circuit-breaker
Radio interference suppression	according to EN 55015
Operating temperature	5 to 35 °C
Connecting terminals	screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²

BLC touch dimmer (R, L) for BLC button, BLC radio button, BLC presence detector and BLC controller

R,L



Basic circuit

Operation with extension units

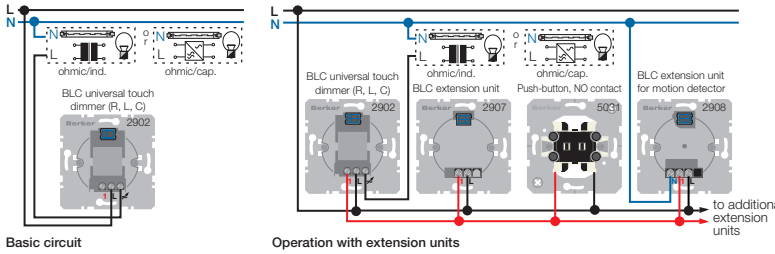
⚠ Switch-on brightness can only be saved power failure safe with BLC button and BLC radio button on dimmer and with BLC button via the extension unit.
Push-buttons, NO contacts can only be illuminated via L and N.
Extension unit operation is only possible if there is a cover fitted on the BLC touch dimmer (R, L).
Use BLC extension unit for motion detector only in combination with BLC controller or BLC presence detector on the BLC touch dimmer (R, L).
In case of excessive switch-on currents (with conv. transformers) use inrush current limiter order no. 185.

Technical data	
Nominal voltage	230 V~, 50/60 Hz
Connected load	230 V incandescent and halogen lamps 20-500 W Conv. transformers at min. 85 % of rated load incl. transformer power loss 20-500 VA Mixed load of specified load types
Boosters built-in (R, L)	max. 10
Power consumption	approx. 1.2 W
Dimming principle	Phase cut-on

BLC touch dimmer (R, L)	Order no. 2904
No. of extension units	BLC extension unit and push-button, NO contact unlimited BLC extension units for motion detector max. 10
Extension unit cable length	max. 100 m
Noise	low noise
Fine-wire fuse	T 2 H / 250 V
Radio interference suppression	according to EN 55015
Operating temperature	-20 to 25 °C (see operating conditions, page **i 882**)
Terminals	screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²

BLC universal touch dimmer (R, L, C) for BLC button, BLC radio button, BLC presence detector and BLC controller

R,L,C



Basic circuit

Operation with extension units

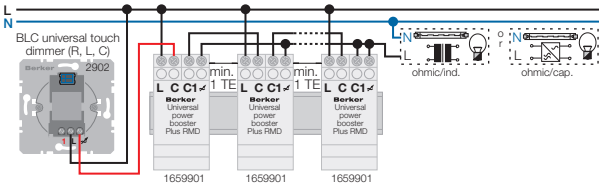
⚠ For a mixed load only ohmic/inductive or ohmic/capacitive is permitted.
For a mixed load with inductive loads the proportion of the ohmic loads must not exceed 50 %!
Switch-on brightness can only be saved power failure safe with BLC button and BLC radio button on dimmer and with BLC button via the extension unit.
Push-buttons, NO contacts can only be illuminated via L and N.
Extension unit operation is only possible if there is a cover fitted on the BLC universal touch dimmer (R, L, C).
Use BLC extension unit for motion detector only in combination with BLC controller or BLC presence detector on the BLC universal touch dimmer (R, L, C).

Technical data	
Nominal voltage	230 V~, 50/60 Hz
Connected load	230 V incandescent and halogen lamps 50-420 W (ohmic, phase cut-off) Tronic transformers 50-420 W (capacitive, phase cut-off) or Conv. transformers subject to min. 85 % of rated load incl. transformer power loss 50-420 VA (inductive, phase cut-on) Mixed load of specified load types, do not mix capacitive and inductive loads!
Universal boosters Plus RMD	for phase cut-off max. 10 items à 500 W for phase cut-on max. 5 items à 420 VA
Tronic or power boosters built-in (R, L) according to type of load	max. 10
Power consumption	approx. 0.7 W
Dimming principle	phase cut-on or cut-off depending on load type

BLC universal touch dimmer (R, L, C)	Order no. 2902
Switch-on	bulb-preserving soft start-up BLC extension unit and push-button, NO contact unlimited
No. of extension units	BLC extension units for motion detector max. 5
Extension unit cable length	max. 100 m
Noise	very low noise
Short-circuit-proof	Switch-off with auto. restart electronic fuse (maintenance free)
Overheating protection	by means of autom. switch-off
Radio interference suppression	according to EN 55015
Operating temperature	-20 to 25 °C (see operating conditions, page **i 882**)
Terminals	screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²

BLC universal touch dimmer (R, L, C) with universal power boosters

R,L,C

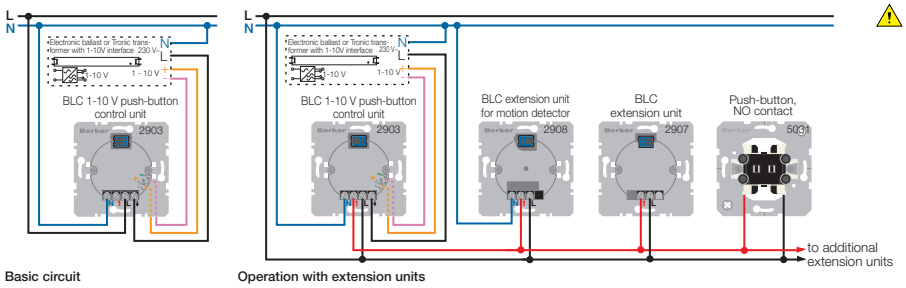


max. 5/10 power boosters depending on the dimmer principle

⚠ For a mixed load only ohmic/inductive or ohmic/capacitive is permitted.
For a mixed load with inductive loads the proportion of the ohmic loads must not exceed 50 %!
A maximum of 5/10 universal power boosters Plus RMD may be connected to the dimmer (depending on the dimmer principle phase cut-on or phase cut-off).

BLC 1 - 10 V push-button control unit for BLC button, BLC radio button, BLC presence detector and BLC controller

with extension unit input for electronic ballasts and/or Tronic transformers with 1-10 V interface.



Basic circuit

Operation with extension units

⚠ When connecting electronic ballasts, consider the high inrush currents. Check suitability of equipment prior to use, fit in rush current limiters order no. 185 if necessary.
Basic brightness can only be saved with BLC button on BLC 1-10 V push-button control unit.
Switch-on brightness can only be saved power failure safe with BLC button and BLC radio button on BLC 1-10 V push-button control unit and with BLC button via the extension unit.
Push-buttons, NO contacts can only be illuminated via L and N.
Extension unit operation is only possible if there is a cover fitted on the BLC 1-10 V push-button control unit.
Use BLC extension unit for motion detector only in combination with BLC controller or BLC presence detector on the BLC 1-10 V push-button control unit.
To example of the planning 1-10 V of a plant, see the appropriate page in this appendix.

Technical data	
Nominal voltage	230 V~, 50/60 Hz
Control voltage	1-10 V
Max. control current	50 mA
Switching contact	Relay
Connected load	230 V incandescent and halogen lamps 700 W Electronic ballasts type-specific Tronic transformers type-specific
Power consumption	approx. 1.8 W

BLC 1-10 V push-button control unit	Order no. 2903
Extension units	BLC extension units and push-button, NO contact unlimited BLC extension units for motion detector max. 10
Extension unit cable length	max. 100 m
Open circuit protected	yes
Electrical isolation 1-10 V	2 kV base installation
Fuse	Via 10 A circuit-breaker
Radio interference suppression	according to EN 55015
Operating temperature	5 to 35 °C
Terminals	screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²

Product features BLC controller [Order no. 1783 .. / 1786 ..]

- For mounting on BLC inserts
- Optimised detection thanks to refined lens system
- Detection angle 180°
- Scope of delivery includes cover for limiting the detection area to 90°
- Analogue signal processing
- Response brightness adjustable in the range from 0 to 80 lux / daytime operation
- Response sensitivity continuously adjustable from 20 to 100 % via potentiometer
- Standardisation by means of specified delay time (2 min.)
- Extension of the detection area, e.g. for long corridors, through active BLC extension units for motion detector 2908 with BLC controller 1783 ../1786 .. / 1788../, BLC controller comfort 1784 ../1787 ../1789 .. and BLC presence detector 170110
- Switching on, even outside of the detection area, through the use of passive BLC extension units 2907 or push-buttons, NO contacts
- Additional motion-dependent, brightness-independent, time-delayed switching of fans, heatings, etc. through use with BLC relay insert HVAC 2912
- Operating temperature range -20 to 45 °C
- Splash-protected flush-mounted variants (IP44) available

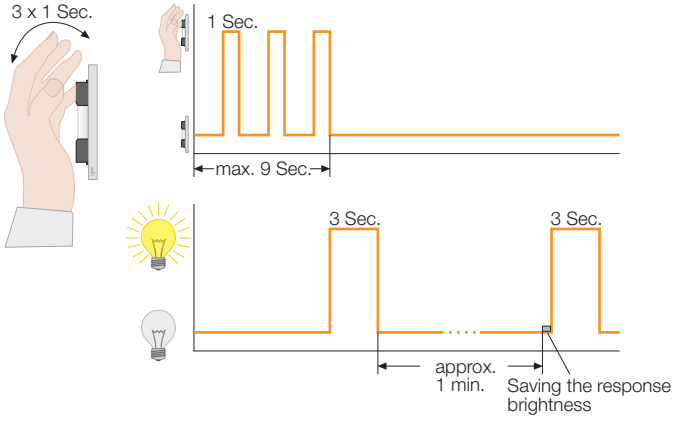
Product features BLC controller comfort [Order no. 1784 .. / 1787 ..]

- For mounting on BLC inserts
- Optimised detection thanks to refined lens system
- Detection angle 180°
- Scope of delivery includes cover for limiting the detection area to 90°
- Digital signal processing
- Adaptive automatic sensitivity adjustment to process the effects of interference signal sources and for adaptation to the ambient conditions
  --> optimised wrong operation safety
  --> enhanced switching accuracy when detecting persons
- Response sensitivity also manually continuously adjustable from 20 to 100 % on potentiometer
- Response brightness adjustable in the range from 0 to 80 lux / daytime operation
- Teach function as an additional easy way to individually adjust the response brightness (without detaching the cover)
- Glareproof against brief light from, for example, car headlamps/torches
- No switching-on in case of unforeseeable short shadows
- Slide switch for off/automatic/on
- Brightness-independent step operation with immunity time 3 sec. (only in connection with BLC switch inserts, e.g. for doorbell operation)
- Dimming function (soft-off 30 sec.) when using a BLC dimmer insert
- Setting the switch-on brightness for the lighting via BLC extension unit 2907 in the BLC dimming-main unit (memory function)
- Extension of the detection area, e.g. for long corridors, through active controller BLC extension units for motion detector 2908 with BLC controllers 1783 ../1786 ../1788 .., BLC controller comfort 1784 ../1787 ../1789 .. and BLC presence detector 170110
- Switching on, even outside of the detection area, through the use of passive BLC extension units 2907 or push-buttons, NO contacts
- Additional motion-dependent, brightness-independent, time-delayed switching of fans, heatings, etc. through use of the BLC relay insert HVAC 2912
- Operating temperature range -20 to 45 °C
- Splash-protected flush-mounted variants (IP44) available

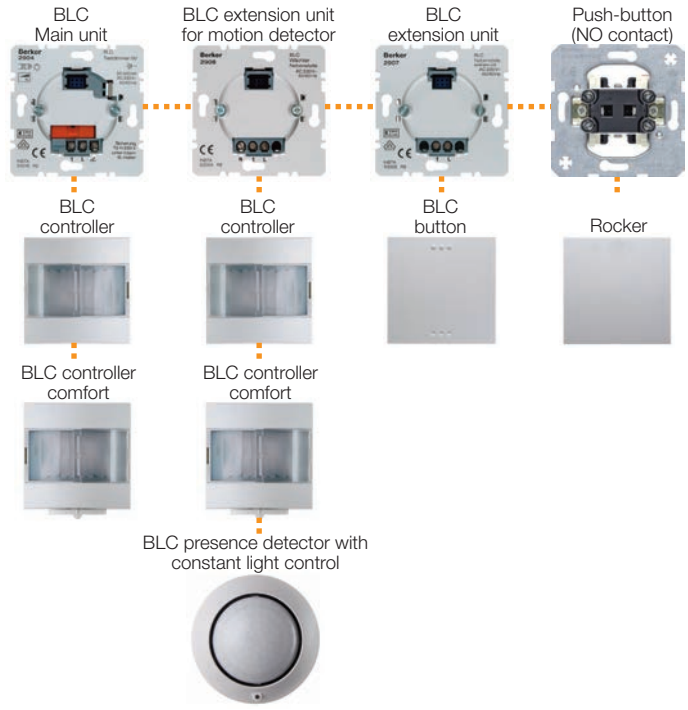
Teach function

The teach function can be used to save the current ambient brightness (response brightness). The response brightness set on the potentiometer is then no longer evaluated. Procedure:

- To activate the teach function, cover up the BLC controller comfort completely briefly for approx. 1 sec.at least 3 times within a period of 9 sec.
- As soon as the BLC controller comfort 3 has recognised 3 light cycles, the teach function will be active. For confirmation, if the lighting is already switched on it is then switched off and then switched on for 3 sec. If the lighting is already switched off, then it is switched on for 3 sec.
- During the next minute, move away from the BLC controller comfort, so that it can correctly measure and save the current ambient brightness.
  To confirm that it has been saved, switch the lighting on for 3 sec.
- The BLC controller comfort switches to the operating mode set on the slide switch. A power failure > 2 sec. reactivates the response brightness set on the potentiometer.

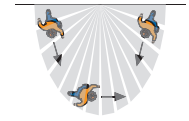


Possible combinations

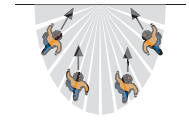


Installation instructions

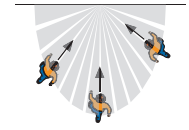
optimal
The detection rays are intersected optimally.



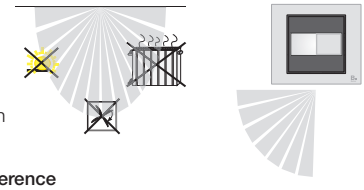
⚠ **not optimal**
The detection rays are not intersected optimally.
Range is limited.



⚠ **wrong**
The detection rays are not intersected.
The controller detects the object too late.



⚠ **problematical**
There should be no sources of interference, e.g. lamps, heatings or fans in the detection field:
Select suitable installation location and/or use push-on cover.

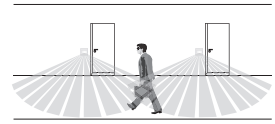


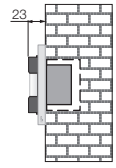
Problems with sources of interference

Problems with sources of interference with the BLC controller can generally be solved with the teachable digital BLC controller comfort.
The BLC controllers have no forced switch-off, i.e. constant motion in the detection area results in continuous light. The Controller Berker Control 220° surface-mounted and the controller system have an integrated forced switch-off after 90 min. at the latest.

Extension units

When using BLC controllers with BLC extension units for motion detector, overlapping of the detection areas should be ensured, so that detection can be guaranteed.





Dimensions

Very low assembling height in comparison

BLC controller 2.2 m [Order no. 1788 ..] and BLC IR controller comfort 2.2 m [Order no. 1789 ..]

If thermal motions triggered by persons, animals or objects are registered in the detection area, the BLC motion detectors switch on connected consumers (passive infrared principle). If motions are no longer detected, they switch off again automatically after the delay time expires.
The BLC controllers are operated together with a BLC switch or dimmer insert.

The detection area can be extended in combination with the BLC motion detector extension [Order no. 2908].

Product features

- Crawl-under protection
- Digital signal processing
- Teach function for response brightness
- Delay time limit: 90 min
- Brightness threshold value can be stored safe after power failure
- Switch-on brightness with BLC inserts are storable via BLC extension unit [Order no. 2907]
- Switch on by using push-buttons (NO contacts), passive BLC extension units or push-buttons (NC contacts) in the cable
- Motion-dependent, brightness-dependent and time-delayed switching of ventilators, heating systems etc. when using BLC relay switch inserts HVAC [Order no. 2912]

Additional product features BLC IR-controller comfort 2.2 m [Order no. 1789 ..]

- 2 push-buttons for permanent ON, permanent OFF and automatic
- 2 LEDs for status display, motion detection and IR confirmation
- With hand-held transmitter for BLC IR controller additional functions such as selective deactivation to limit detection angle or storable switch-on brightness, possible
- Adaptive sensitivity adjustment
- For use with dimming inserts: Dimming function (Soft Off)
- Step operation with immunity time (e.g. for bell)
- Night light function: without motion the load is dimmed to 20 %
- Presence simulation and test mode

Teach function

For wiring diagram see previous page

The current ambient brightness is stored as brightness threshold value with the teach function.

- Cover the BLC controller 2.2 m completely within 9 seconds 3 x 1s each time.

The lighting is switched on for approx. 1s*. Teach function is active.

- Leave the detection area of the controller for approx. 30 s.

The ambient brightness is measured by the device. The lighting is then switched on for approx. 3 seconds.* The brightness threshold value is stored.

*Switched on lighting is switched off.

Hand-held transmitter for BLC IR controller

The IR hand-held transmitter is required for the individual configuration of the BLC IR controller 2.2 m comfort in order to perform remote settings and to use additional functions of the device.



Fig. 1: Overview of function keys

Control overview

Button	Function
Permanent On[2] or dim brighter	
ON	Short press of push-button: Load is switched on constantly. Long press of push-button: Load is dimmed up brighter[1]. Display on the motion detector: yellow LED lights up Not adjustable in step operation.
Automatic mode[2]	
AUTO	Load is switched on brightness-dependent when motion is detected. If no motion is detected anymore, the motion detector switches off the load after the delay time expires. Delay time limit: 90 min AUTO push-button switches the following functions **off**: - On for 2 hours - Off for 2 hours - Permanent On - Permanent Off - Presence simulation - Test mode Data is recorded continuously in automatic mode (chronological sequence of switch-on and switch-off operations) for the presence simulation.
Permanent Off[2] or dimming darker	
OFF	Short press of push-button: The load is switched off permanently (with dimmer inserts after dimming phase expires). Long press of push-button: Load is dimmed darker[1]. Display on the motion detector: red LED lights up
On for 2 hours	
2H ON	Load is switched on for 2 h. After 2 hours have expired, the load stays on for the duration of the delay time (4 min) and the automatic mode is activated. Not adjustable in step operation.
Off for 2 hours	
2H OFF	Load is switched off for 2 h. The automatic mode is activated after 2 h have expired.
Presence simulation	
	Press push-button longer than 10 s: Presence simulation is switched on. Load is switched by means of the data recorded in automatic mode. Not adjustable in pulse mode.
Switching on for delay time and saving switch-on brightness[1]	
MEM	Short press of push-button: The load is switched on brightness and motion-independent for the set delay time. Press push-button longer than 3 s: the set brightness is saved as switch-on brightness. The load is switched on and switched off again to confirm.
Sensitivity	
25 % 50 % 75 % 100 %	Faulty switching operations can be minimised by adjusting the sensitivity in predefined levels. Press push-button for longer than 10 s: Sensitivity level is switched on. Sensitivity levels: 25 %, 50 %, 75 %, 100 %
Teach function	
TEACH	The motion detector is in automatic mode. Short press of push-button: current ambient brightness is stored as brightness level. In the event of movements, only one switching operation is triggered if the saved brightness threshold value is fallen short of within the measurement environment. **Teach function active:** - Switched on load is switched off. - Switched off load is switched on for approx. 1 s. **Brightness measured and saved:** - The load is switched on for the duration of the delay time. Value range: approx. 1 ... 200/∞ lx (daytime operation) The saved brightness threshold value is active after a max of 3 min.

[1] Function is only possible in connection with dimmer inserts.
[2] Operation is also possible using the push-button on the motion detector.

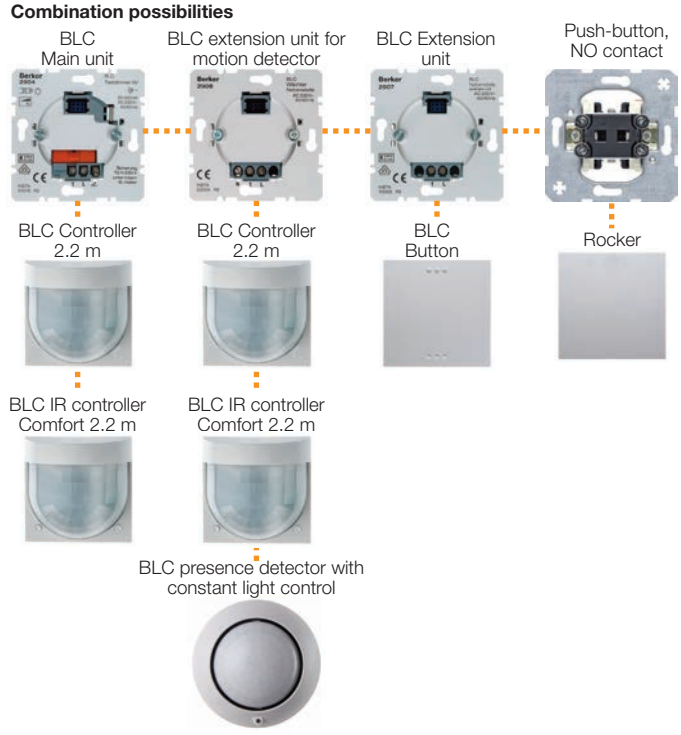
Button	Function
Detection area	
PIR / PIR / PIR	Press push-button longer than 10 s: Selective limitation of the detection area. - Right sensor switched off 30° - Left sensor switched off 30° - Both sensors active It is not possible to switch off both sensors at once. Owing to the overlapping of both detection areas no sharp separation of the masked area is possible.
Brightness threshold value	
	Short press of push-button: Brightness level is activated. Preset brightness threshold value of the push-buttons: - approx. 1 lx (night operation) - approx 10 lx (twilight) - approx. 150 lx (stairwell) - > 250 lx (daytime operation) If the set brightness level is exceeded, the motion detector does not switch on the load despite a detected motion. Brightness threshold value is active after a max of 3 min.
Fixed delay time	
30SEK / 2MIN / 5MIN / 30MIN	During motion detection, the insert switches on the load for the selected delay time. Each time a new motion is detected, the delay time starts once again. Short press of push-button: delay time is activated. Preset delay times: 30 s, 2 min, 5 min, 30 min.
Step operation	
1SEK	Press push-button longer than 10 s: Step operation is activated. No delay time setting is possible.
Individual delay time	
START / STOP	Adjustable delay time within a range of 10 s ... 60 min. ■ Press button **START** for a short time. The time measurement starts. ■ Press button **STOP** for a short time. The time measurement is finished. The set delay time is saved automatically. The motion detector is in automatic mode. The step operation is not possible.
Dimming phase[1]	
ON/OFF	Short press of push-button: Dimming phase is activated/deactivated. The delay time is increased by approx. 30 s.
Night light function[1]	
ECO	Press push-button longer than 10 s: Night light function, e.g. realisation of emergency lighting is activated. The load is switched on permanently at a basic brightness of 20 %. If a motion is detected, the load is switched to 100 % and is dimmed to 20 % again after the delay time expires. If function is active **Off for 2 hours** or **Permanent Off**, the light is switched off.
Adjustment for outside area	
	Press push-button longer than 10 s: optimised motion detection for outside area is activated. Display on the motion detector: red LED flashes during motion detection.
Test mode	
TEST	Short press of push-button: Test mode for testing the detection area is activated. The motion detector works with the following values: - Sensitivity: 100 % - Delay time: 1 s - Brightness threshold value: daytime operation - Detection area: 180° The motion detector changes to automatic mode after 5 minutes.

Button	Function
End default settings/Special functions	
RESET	Short press of push-button: Special functions are deactivated. Press push-button longer than 10 s: The default settings of controller are loaded. By pressing the RESET push-button the following **special functions** are deactivated: - Presence simulation - Night light function - Switch-off warning - Adjustment for outside area - Delay time for step operation **Reset to Defaults:** - Sensitivity 100 % - Detection angle 180° - Brightness threshold value 10 lx - Delay time 30 s - Place of use indoor area - Night light function switched off - Presence simulation switched off

[1] Function is only possible in connection with dimmer inserts.
[2] Operation is also possible using the push-button on the motion detector.

Installation and electrical connection

Combination possibilities



Specifications	BLC controller 2.2 m Order no. 1788 ..	BLC IR-controller comfort 2.2 m Order no. 1789 ..
Detection angle	180°	180°
Range for crossing	approx. 12 x 6 m	approx. 12 x 6 m
Range for approaching	approx. 8 x 4 m	approx. 8 x 4 m
Detection area limitation	-	Sensor deactivation
Recommended installation height	1.1 or 2.2 m	1.1 or 2.2 m
Response sensitivity	100 %	4 levels/can be taught approx. 25/50/75/100 %
Response brightness	approx. 10 lx/can be taught	4 levels/can be taught approx. 1/10/150/250 lx
Delay time	2 min (fixed)	10 s ... 60 min
Pulse duration/pause	-	approx. 0.3 s/2.7 s
Lockout time	approx. 0.3 ... 4 s	approx. 0.3 ... 4 s
Device push-buttons	-	Off/Auto/On
Radio interference suppression	acc. to EN 55015	acc. to EN 55015
Operating temperature	-15 ... +45 °C	-15 ... +45 °C
Protection class	IP20	IP20
VDE symbol	•	•
Microprocessor	•	•
Fuse	via insert	via insert

For more data please refer to the technical specifications of the insert used.

BLC presence detector with constant light control [Order no. 1701 10]

Function

The BLC presence detector with constant light control responds to heat motions caused by persons, animals or objects. It can be used for switching and dimming of the lighting in offices and common areas. The presence detector switches the lighting on when it detects motion and the brightness is below the set level. The presence detector switches the lighting off if it is no longer needed, i.e. when it is bright enough even without lighting or when there is no longer anyone present. It is also able to evaluate small motions (fine motor functions), such as those that typically occur in offices. It is mounted exclusively on ceilings, and monitors the area located below it, for example. The lighting is switched or dimmed, depending on the BLC insert used. The presence detector switches the lighting on only for as long as it is needed. To expand the detection field, the presence detector can be combined with a BLC controller extension unit for motion detector and connected to the main unit.

Combination with a BLC insert

The lighting is always switched on to maximum brightness. The lighting is switched off when one of the following cases applies:

- No more motion is detected and the set delay time has elapsed
- The brightness exceeds for at least 10 minutes (e.g. due to more daylight) twice the set value. The fact that the brightness is exceeded is indicated by flashing of the LED. The lighting is also switched off when there is motion.

Combination with a BLC dimmer insert

The presence detector first switches the lighting on to maximal brightness. After that it dims the lighting so that the brightness is held constant at the setpoint that has been set (constant light control). As daylight increases, the lighting is dimmed or switched off. As daylight decreases, the lighting is switched on or dimmed up. The constant light control is designed in such way that the user notices it as little as possible. The lighting is switched off when one of the following cases applies:

- The presence detector detects no more motion and the set delay time has elapsed. The lighting is then dimmed to minimum brightness in at most one minute. After an additional five minutes without detection the lighting is switched off.
- The presence detector has adjusted the lighting to the lowest dimming setting. Nevertheless the brightness exceeds 1.5 times the setpoint. After a waiting period of 10 minutes the lighting is switched off regardless of motion.

Extension unit operation

For manual operation of the presence detector, a BLC extension unit (passive extension unit) is required in combination with a BLC button or a mechanical push-button (NO contact).

Notes:

- When a BLC insert is used, no distinction is made between a short press and a long press.
- With a mechanical push-button, no distinction is made between a short press and a long press. This means that dimming and changing of the temporary brightness setpoint is not possible.
- Extension unit operation is only possible if there is an application module fitted on the main unit.
- Illuminated push-buttons must be supplied with power via a separate neutral conductor.

Short press (less than 400 ms)

Control surface	Load off	Load on
Top, Bottom, Full surface or mech. push-button	The lighting is switched on to max. brightness. The delay time corresponds to the value set on the potentiometer, but is at least 2 minutes. Detected motions extend the delay time to the time set on the potentiometer.	Lighting is switched off for 3 minutes. For more information, see slide show-function

Information regarding dimmer inserts

- After switching-on, constant light control is performed.
- If the lighting was switched off via the extension unit, switching-on can be performed only via the extension unit to the last brightness value

Slide show function

With a BLC extension unit or a mechanical push-butto, NO contact it is possible to switch the lighting off selectively. If the presence detector detects motion in the next 3 minutes, then the switch-off time is extended. Only after 3 minutes go by without motion being detected is the slide show function ended automatically. If motion is detected now, the lighting may be switched on again, depending on the brightness situation. If you wish to end the slide show function manually, switch the lighting on again manually at the extension unit (for dimmer inserts the brightness before switching-off will be set).

Temporary deactivation of the lighting control

If the presence detector switched the lighting off due to sufficient extraneous light (e.g. daylight), then you can switch the lighting control off manually. To do this, switch the lighting on again at the extension unit within 1 minute after it is switched off automatically.

The lighting now remains switched on as long as the presence detector detects motion. The lighting is only switched off if the presence detector does not detect any more motion and the delay time has elapsed. The lighting control is now active again.

Long press (longer than 400 ms) only for BLC dimmer inserts

Control surface	Load off	Load on
Top or Full surface	The lighting is switched on to minimum brightness, held for 1 s and then dimmed up to maximum brightness.	Increase (dim up) the brightness to maximum brightness.
Bottom	The lighting is switched on to minimum brightness.	Reduce (dim down) the brightness to minimum brightness.
Mechanical push-button	See short press.	See short press.

Notes:

- Each press re-starts the set delay time, but for at least 2 minutes.
- Each detected motion re-starts the delay time set on the potentiometer.
- In presence detector mode the dimmed brightness value is temporarily adopted as the brightness setpoint, as long as the lighting remains switched on. If the dimmer insert's own volatile brightness memory is changed, then a BLC button must be used temporarily for saving on the dimmer insert.
- In controller operation the lamps retain the dimmed brightness as long as the lighting remains switched on.

BLC presence detector in combination with BLC extension units for motion detector.

The area to be evaluated is expanded. Using up to 10 (5 with main unit BLC universal touch dimmer (R, L, C) BLC extension units for motion detector it is possible to evaluate even large areas. If a motion is detected by an extension unit, this is reported to the main unit, and the connected load is switched on if the brightness is below the threshold value on the main device.

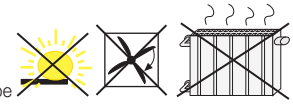
⚠ Connection in parallel of BLC presence detectors with constant light control is not permitted. To expand the detection field, use BLC extension units for motion detector.

Installation location

- Ceiling mounting in indoor areas.
- The detection area should not be limited by furniture, pillars, etc.
- Vibration-free installation, because movements of the detector can also trigger a switching operation

⚠ During installation, do not subject the sensor window of the presence detector to direct sunlight; this could destroy the sensor.

Sources of interference

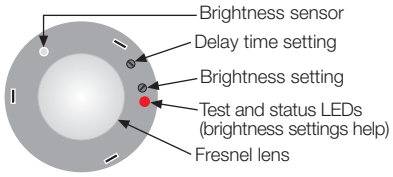


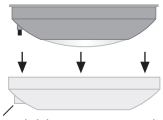
Do not install in the direct vicinity of a heat source. Cooling light bulbs and air movements from, for example, fans, heatings and open windows may be detected and lead to switching-on again. If necessary limit detection area using supplied push-on cover. The detection area should not be limited by furniture, pillars, etc.

Settings

The cover can be removed in order to adjust the delay time (operating mode) and brightness threshold value. This makes optimal adjustment possible without detaching the cover.







⚠ Mount brightness sensor on the side away from windows to avoid the effects of scattered light.

Delay time

The potentiometer "time" can be used to set the delay time; a change of operating mode is indicated by flashing of the LED.

Step operation: approx. 1 sec. on setting "Test"
Presence mode: approx. 10 min. to 30 min.



Brightness threshold value

Minimum brightness in the area being monitored. When the brightness drops below this value, the presence detector switches the lighting on when a motion is detected. When a dimmer insert is used, in presence detector mode the minimum brightness is simultaneously used as the setpoint at which the brightness is held constant. When set to marking 0 the automatic initial detection is deactivated, switching on is only possible manually via the extension units. For switch inserts the switch-off brightness (brightness setpoint) is approx. 400 lux here.

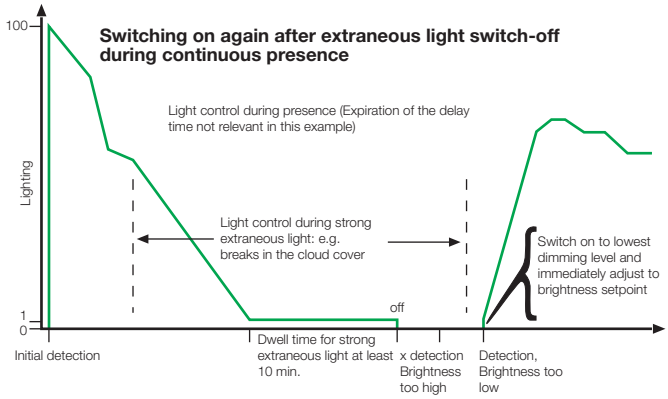


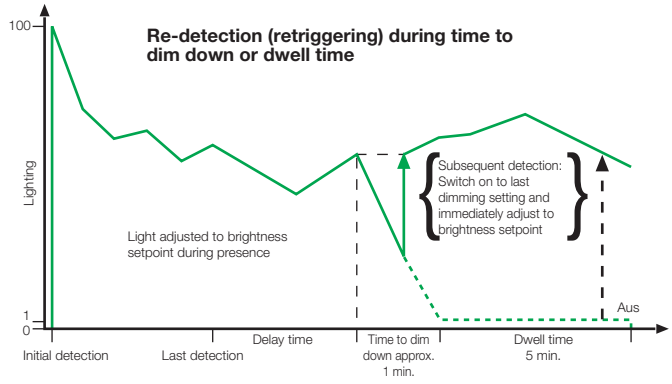
Technical data	BLC presence detector with constant light control order no. 170110
Power supply	via BLC insert
Connected load	depending on BLC insert
Power consumption	approx. 1 W
Delay time	approx. 1 sec.test operation; approx. 10 sec. - 30 min. presence detector operation;
Brightness threshold value	approx. 10-1000 lux/symbol "0" initial activation only via extension unit
Detection angle	360°
Detection levels	6
Number of zones	80
Number of switching segments	320
Detection area at desk level	approx. Ø 5 m
Detection area at floor level	approx. Ø 8 m
Installation height for nominal detection areas	2.5 m
Number of extension units	see BLC insert
Extension unit cable length	max. 100 m
Dimensions (Ø x H)	103 x 42 mm
Radio interference suppression	according to EN 55015
Operating temperature	0 to 45 °C

Test LED (brightness settings help)

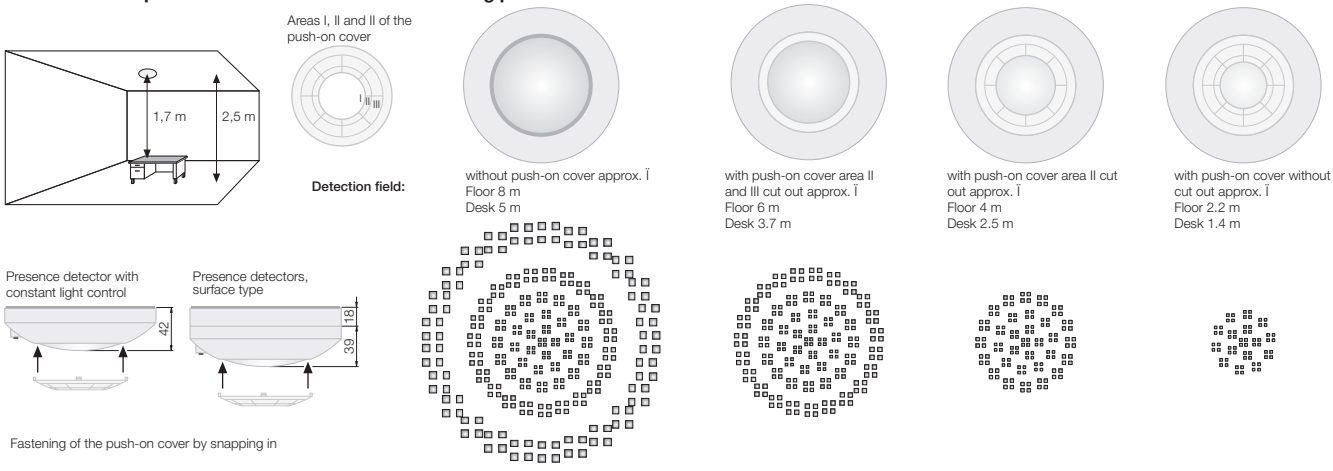
	Load off	Load on
LED off	Monitored area too dark: Load is switched on when motion is detected.	Monitored area too dark: Load remains switched on during motion. With no motion the switch is turned off after the set delay time.
LED on	Monitored area bright enough: Load remains off even when motion detected.	Monitored area light enough due to switched-on lighting. Load remains switched on during motion. With no motion the switch is turned off after the set delay time.
LED flashes	Monitored area bright enough: Load remains off even when motion detected.	Monitored area very bright with lighting and extraneous light: Load switches off after approx.10 minutes, because the brightness is sufficient even without lighting.

BLC PRESENCE DETECTOR WITH CONSTANT LIGHT CONTROL/ BLC CEILING CONTROLLER 360°/ PRESENCE DETECTOR SURFACE-MOUNTED

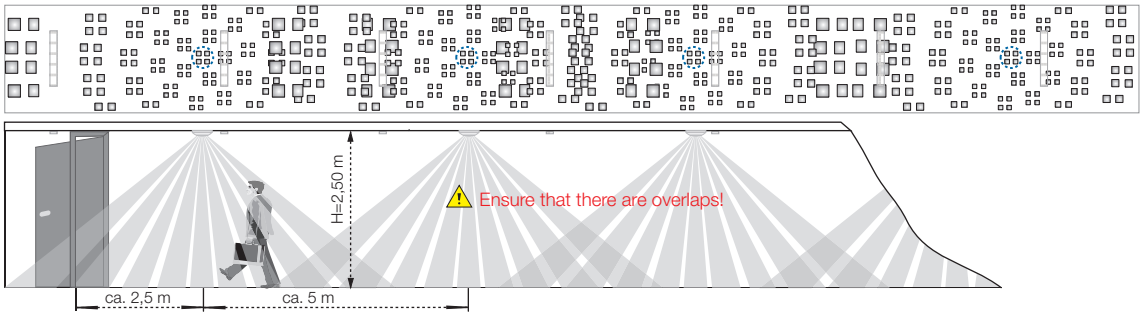




Limitation of the presence detector detection area using push-on cover



BLC ceiling controller 360° or presence detector surface-mounted in through areas



For automatic light switching,for example in through areas, BLC ceiling controllers 360° combined with presence detectors surface-mounted are to be connected in parallel. Because they are mounted or extension units for motion detectors on the ceiling, controllers are not immediately accessible, which makes deliberate vandalism more difficult. To ensure switching in response to motion, a detection field diameter of approx. 10 (5) m should be planned. The distance to a door should not exceed 4 (2.5) m. ( ) = Presence detector surface-mounted
Area of application: schools, offices, public buildings, etc.

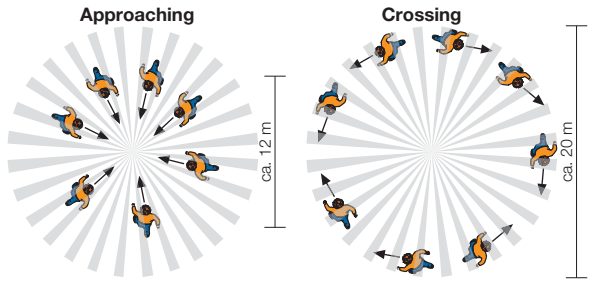
BLC ceiling controller 360°

The BLC ceiling controller 360° is operated together with a BLC dimmer or switch insert and mounted on the ceiling. The controller switches the lighting on and off depending on motion and the ambient brightness. The controller also detects heat motions of persons, animals or objects.

· Light is switched on: The brightness is below the set threshold and the someone enters the area being monitored.
· Light is switched off: No more motion is detected and the delay time has expired.

Detection area

The diameter of the detection area depends on the installation height and the direction of motion. For an installation height of 3 m the maximum diameter at the floor is approx. 12 m when approaching and approx. 20 m when crossing.



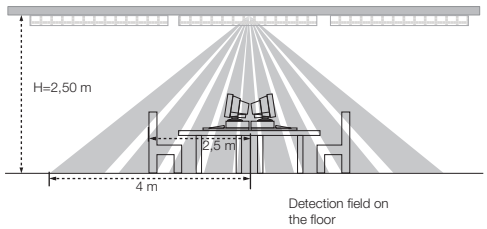
Technical data	BLC ceiling controller 360° Order no. 170111
Power supply	via BLC insert
Connected load	depending on BLC insert
Power consumption	approx. 1 W
Delay time	approx. 1 sec. test operation; approx. 10 sec. - 30 min.
Response brightness	approx. 2 - 80 / ∞ lux
Response sensitivity	20 - 100 %
Detection angle	360°
Detection levels	5
Number of zones	78
Number of switching segments	312
Range for approaching	approx. Ø 12 m
Range for crossing	approx. Ø 20 m
Installation height for nominal ranges	3 m
Number of extension units	see BLC insert
Extension unit cable length	max. 100 m
Dimensions (Ø x H)	103 x 42 mm
Radio interference suppression	according to EN 55015
Operating temperature	5 to 35 °C

Additional features

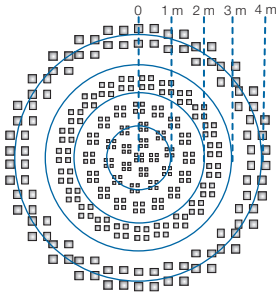
- Extension of the detection field with BLC controller extension units
- Manual operation with BLC extension unit or button (NO contact)
- Daytime operation
- Test/step operation
- Saving the switch-on brightness via BLC extension unit with BLC dimmer inserts
- Dimming the light via BLC extension unit with BLC dimmer inserts
- Display LED

Presence detector surface-mounted [Order no. 1701 08]

The presence detector surface-mounted is used to monitor presence in indoor areas. It is mounted exclusively on ceilings, and monitors the area located below it. It responds to heat motions caused by persons, animals or objects. It is also able to evaluate small motions (fine motor functions), such as those that typically occur in offices.
When a motion is detected and the brightness is below the adjusted brightness threshold, the load is switched on. The device remains switched on as long as further motions are detected. If no more motion is detected, then the load is switched of after the set delay time. If the brightness on the monitored surface continuously exceeds double the set brightness threshold value (but at least approx. 400 lux), for example due to brighter daylight, then the red diagnosis and settings help LED flashes and the presence detector switches off after 10 minutes at the latest, even if there is motion.
The presence detector surface-mounted can only be used for switching applications.



Detection field on the floor





Extension unit operation

	Load off	Load on
Mechanical push-button	The lighting is switched on The delay time corresponds to the value set on the potentiometer, but at least 2 minutes Detected motions extend the delay time to the time set on the potentiometer.	Lighting is switched off for 3 minutes. For more information, see slide show function

Slide show function

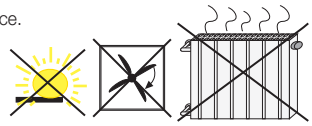
With a BLC extension unit or a mechanical push-button (No contact) it is possible to switch the lighting off selectively. If the presence detector detects motion in the next 3 minutes, then the switch-off time is extended. Only after 3 minutes go by without motion being detected is the slide show function ended automatically. If motion is detected now, the lighting may be switched on again, depending on the brightness situation. If you wish to end the slide show function manually, switch the lighting on again manually at the extension unit (for dimmer inserts the brightness before switching-off will be set).

Temporary deactivation of the brightness evaluation

If the presence detector switched the lighting off due to sufficient extraneous light (e.g. daylight), then you can switch the brightness evaluation off manually. To do this, switch the lighting on again at the extension unit within 1 minute after it is switched off automatically.
The lighting now remains switched on as long as the presence detector detects motion. The lighting is only switched off if the presence detector does not detect any more motion and the delay time has elapsed. The brightness evaluation is now active again.

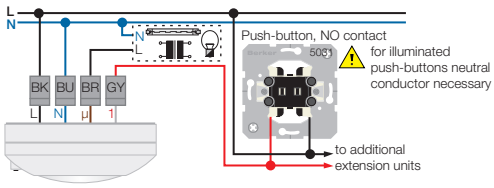
Sources of interference

Do not install in the direct vicinity of a heat source.
Cooling light bulbs and air movements from fans, heatings and open windows can be detected and lead to switching on again.
If necessary limit detection area using supplied push-on cover

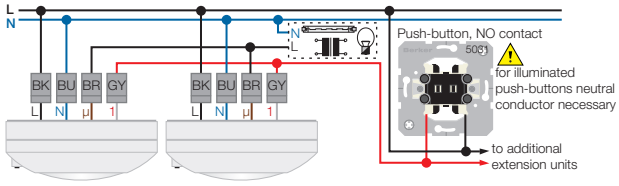


⚠ During installation, do not subject the presence detector to direct sunlight; this could destroy the detector.

Presence detector surface-mounted



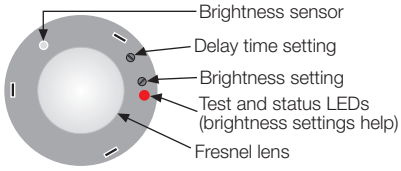
Operation with extension units

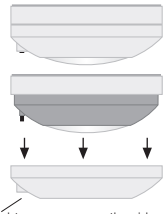


Connection in parallel (max. 5 presence detectors) with extension units

Settings

The cover can be removed in order to adjust the delay time and brightness. Can be adjusted without dismantling.





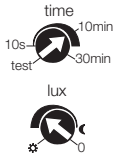
⚠ Mount brightness sensor on the side away from windows to avoid the effects of scattered light.

Delay time

The potentiometer "time" can be used for fine adjustment of the on-time.
Test mode: approx. 1 sec. on setting "test"
Presence mode: approx. 10 sec. to approx. 30 min.

Brightness threshold value

Minimum brightness in the area being monitored. When the brightness drops below the set brightness threshold value and there is motion, then the switch is turned on.
The potentiometer "lux" can be used to adjust the minimum brightness from approx.10 lux (symbol moon) to 1000 lux (symbol sun). When set to the marking 0 the presence detector can only be switched on via the extension unit. In this case the switch-off brightness is 400 lux.



Test LED (brightness settings help)	Load off	Last on
LED off	Monitored area too dark: Load is switched on when motion detected.	Monitored area too dark: Load remains switched on during motion. With no motion the switch is turned off after the set delay time.
LED on	Monitored area light enough: Load remains off even when motion detected.	Monitored area light enough due to switched-on lighting. Load remains switched on during motion. With no motion the switch is turned off after the set delay time.
LED flashes	Monitored area light enough: Load remains off even when motion detected.	Monitored area very bright with lighting and extraneous light: Load switches off after approx. 10 minutes, because the brightness is sufficient even without lighting.

Expansion of the detection area
Connection in parallel of presence detectors surface-mounted "intelligent load linking"
Note: All presence detectors surface-mounted connected in parallel must be operated in the same phase. Connection in parallel does not increase the max. connected load.
The built-in microprocessor, in connection with a voltage measurement on the load cable, ensures that all presence detectors surface-mounted connected in parallel detect when lighting is switched on. As long as a motion is detected by one of the presence detectors surface-mounted, the lighting remains switched on. The delay time is restarted every time a motion is detected in the respective presence detector surface-mounted.
The lighting is switched off when:
- none of the presence detectors is detecting movement and the last remaining on-time has expired.
- for all presence detectors the brightness in their monitored area is constantly exceeds at least twice the set value.

In this manner it is possible to set up a presence detector system with equal rights without mutual influence.

Technical data	**Presence detector surface-mounted Order no. 170108**
Rated voltage	230 V~, 50/60 Hz
Connected load	1000 W 230 V incandescent lamps and halogen lamps, ohmic load 750 W LV halogen lamps with Tronic transformer, capacitive load 750 VA LV halogen lamps with conv. transformer, inductive load 500 W fluorescent lamps uncomp. inductive load 1000 VA fluorescent lamps in duo configuration, inductive load Mixed load, capacitive and inductive loads should not be mixed
Power consumption	approx. 1 W
Delay time	approx. 1 sec. test mode; approx. 10 sec. - 30 min. presence detector mode
Brightness threshold value	approx. 10-1000 lux / symbol "0" initial activation only via extension unit
Detection angle	360°
Detection levels	6
Number of zones	80
Number of switching segments	320
Detection area at desk level	approx. Ø 5 m
Detection area at floor level	approx. Ø 8 m
Installation height for nominal detection areas	2.5 m
Number of extension units	push-button NO contact unlimited
Extension unit cable length	max. 100 m
Connection in parallel	possible
Load cable length (with parallel connection cable)	max. 100 m
Dimensions (Ø x H)	103 x 57.5 mm
Radio interference suppression	according to EN 55015
Operating temperature	approx. 0 - 45 °C
Connecting terminals	screw terminals for max. 2.5 mm² or 2 x 1.5 mm²

OVERVIEW OF CONTROLLERS FLUSH-MOUNTED

Technical data	BLC Triac insert (R, L)	BLC Tronic insert (R, C)	BLC relay insert	BLC relay insert HVAC	BLC insert for timer	BLC timer RMD for stairway light
Supply voltage	230 V~, 50/60 Hz	230 V~, 50/60 Hz	230 V~, 50/60 Hz	230 V~, 50/60 Hz	230 V~, 50/60 Hz	230 V~, 50 Hz
Power consumption	1 W	1 W	1.2 W	1.5 W	0.5 W (2.5 mA)	-
Switching contact	Triac	MosFet	Relay	Relay	s. auto. stair light switch RMD	Relay, ED 100 %
Switching capacity				HVAC values, s. below*		
- 230 V incandescent lamps	40-400 W	50-420 W	2300 W	1000 W	-	2300 W
- 230 V halogen lamps	40-400 W	50-420 W	2300 W	1000 W	s. auto. stair light switch RMD	2300 W
- Conventional transformers at 85 % load	40-400 VA	-	1000 VA	750 VA	s. auto. stair light switch RMD	1000 VA
- Tronic transformers	-	50-420 W	1500 W	750 W	s. auto. stair light switch RMD	1500 W
- Fluorescent lamps						
uncompensated	-	-	1200 VA	500 VA	s. auto. stair light switch RMD	1200 VA
parallel compensated	-	-	920 VA	-	s. auto. stair light switch RMD	920 W
Duo circuit	-	-	2300 VA	1000 VA	s. auto. stair light switch RMD	2300 W
- Fluorescent lamps with electronic ballast	-	-	-	-	s. auto. stair light switch RMD	700 W
Energy saving lamps dep. on making current	-	-	approx. 200 VA	-	s. auto. stair light switch RMD	approx. 200 VA
HVAC switching current	-	-	-	4 A	s. auto. stair light switch RMD	-
Maximum making current	-	-	15 A	15 A	s. auto. stair light switch RMD	15 A
Minimum load	40 W	50 W	100 mA	100 mA	s. auto. stair light switch RMD	100 mA
Slide switch	see application module	see application module	see application module	see application module	at auto. stair light switch RMD	Off/Auto/On
Radio interference suppression	accord. to EN 55015	accord. to EN 55015	accord. to EN 55015	accord. to EN 55015	accord. to EN 55015	accord. to EN 55015
VDE mark	•	•	•	•	•	•
Degree of protection	see cover	see cover	see cover	see cover	see cover	IP20
Operating temp. (obs. the cond. on page T7)	-20 to 25 °C	-20 to 25 °C	-20 to 45 °C	5 to 35 °C	5 to 45 °C	5 to 50 °C
Delay time	see cover	see cover	see cover	see cover	s. auto. stair light switch RMD	10 sec. - 15 min.
Response brightness	see cover	see cover	see cover	see cover	approx. 0 to 80 / Lux	on BLC insert for timer
Response sensitivity	see cover	see cover	see cover	see cover	on BLC controller	on BLC controller
Recommended mounting height	1.1 or 2.2 m	1.1 or 2.2 m	1.1 or 2.2 m	1.1 or 2.2 m	1.1 or 2.2 m	-
Detection levels	see cover	see cover	see cover	see cover	see BLC controller	-
Detection area limit	see cover	see cover	see cover	see cover	on BLC controller	-
Range reduction	see cover	see cover	see cover	see cover	on BLC controller or comfort	-
Fuse	T 1.6 H 250 V	electronic	10 A circuit breaker	10 A circuit breaker	-	10 A circuit breaker
Order no.:	2905	2916	2906	2912	293410	16301

⚠ When connecting energy-saving bulbs and electronic ballasts, consider the high making currents. Check suitability of equipment prior to use and fit making current limiters if necessary.
Observe the operating conditions on page **i 882**.

*BLC relay insert HVAC 2912
Switching capacity of incandescent lamps: 800 W
Switching capacity of 230 V Halogen lamps: 750 W
Switch on delay: 3 min.
Delay time: approx. 2/10/30/60/120 min.

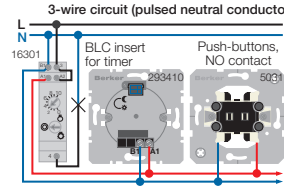
Technical data	BLC universal touch dimmer (R, L, C)	BLC touch dimmer (R, L)	BLC 1-10 V push-button control unit
Supply voltage	230 V~, 50/60 Hz		230 V~, 50/60 Hz
Power consumption	0.7 W	230 V~, 50/60 Hz	1.8 W
Switching contact	-	1.2 W	Relay
Switching capacity		-	
- 230 V incandescent lamps	50–420 W	20–500 W	700 W
- 230 V halogen lamps	50–420 W	20–500 W	700 W
- Conventional transformers at 85 % load	50–420 VA	20–500 VA	-
Loading			
- Tronic transformers	50–420 W	-	type-dependent**
- Fluorescent lamps			
uncompensated	-	-	-
parallel compensated	-	-	-
Duo circuit	-	-	-
- Fluorescent lamps with electronic ballast	-	-	type-dependent
Energy saving lamps	-	-	type-dependent
HVAC switching current	-	-	3.04 A
Maximum making current	-	-	15 A
Minimum load	50 W	20 W	-
Slide switch	see application module	see application module	see application module
Radio interference suppression	to EN 55015	to EN 55015	to EN 55015
VDE mark	•	•	•
Degree of protection	see application module	see application module	see application module
Operating temp. (obs. the cond. on page i882)	-20 to 25°C	-20 to 25°C	5 to 35°C
Delay time	see cover	see application module	see application module
Response brightness	see cover	see application module	see application module
Response sensitivity	see cover	see application module	see application module
Recommended mounting height	1.1 or 2.2 m	1.1 or 2.2 m	1.1 or 2.2 m
Detection levels	see application module	see application module	see application module
Detection area limit	see application module	see application module	see application module
Range reduction	see application module	see application module	see application module
Fuse	electronic	T 2 H 250 V	10 A circuit breaker
Order no.:	2902	2904	2903

⚠ When connecting energy-saving bulbs and electronic ballasts, consider the high making currents. Check suitability of equipment prior to use and fit making current limiters if necessary.
Observe the operating conditions on page **i 882**.

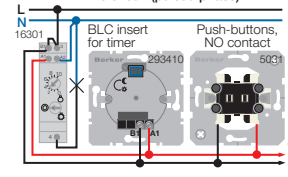
** Tronic transformer with 1-10 V interface

Stair light switching with BLC timer RMD for stairway light and BLC insert for timer

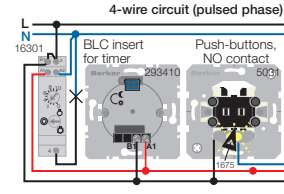
3-wire circuit (pulsed neutral conductor)



4-wire circuit (pulsed phase)



4-wire circuit (pulsed phase)



⚠ Control line length max. 100 m
Use only BLC controllers and presence detectors from release issue R3 onwards.
A slide switch of the BLC controller comfort has no function.
With BLC controller and BLC presence detector the delay time must be set to step operation.
When energy-saving lamps and electronic ballasts are connected note high making currents. Check suitability of the devices before use and if necessary use making current limiter!

The BLC inserts for timer can only be used in conjunction with the BLC timer RMD for stairway light. BLC controller, BLC controller comfort, BLC presence detector or BLC button are required as application modules.

The permitted number is shown in the following table:

BLC inserts for timers	unilluminated push-buttons	illuminated push-buttons 0,4 mA	illuminated push-buttons 1 mA
16	any	-	-
12	any	25	10
10/8/6/4/2	any	37/50/62/75/87	15/20/25/30/35

Increasing the number of illuminated push-buttons
With the above circuit (4-wire circuit, pulsed phase), the terminal of the neon lamp unit is connected to the neutral conductor. (Remove contact lug on neon lamp unit) As a result, this push station is to be classified in the table as an unilluminated push-button.
With a 3-wire circuit variation (pulsed neutral conductor), the neon lamp unit terminal must be connected to the phase. (Remove contact lug on neon lamp unit) As a result, this push station is to be classified in the table as an unilluminated push-button.

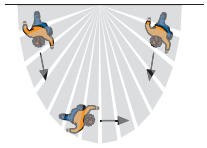
Technical data	BLC extension unit for motion detector	BLC controller 1.1/2.2 m	BLC controller comfort 1.1/2.2 m	BLC controller 2.2 m	BLC controller comfort 2.2 m
Supply voltage	230 V~, 50/60 Hz	via insert	via insert	via insert	via insert
Power consumption	-	see insert	see insert	see insert	see insert
Switching contact	see main unit	see insert	see insert	see insert	see insert
Switching capacity					
- 230 V incandescent lamps	-	see insert	see insert	see insert	see insert
- 230 V halogen lamps	-	see insert	see insert	see insert	see insert
- Conventional transformers at 85% load	-	see insert	see insert	see insert	see insert
- Tronic transformers	-	see insert	see insert	see insert	see insert
- Fluorescent lamps uncompensated	-	see insert	see insert	see insert	see insert
parallel compensated	-	see insert	see insert	see insert	see insert
Duo circuit	-	see insert	see insert	see insert	see insert
- Fluorescent lamps with electronic ballast	-	-	-	-	-
Energy saving lamps	-	see insert	see insert	see insert	see insert
HVAC switching current	-	see insert	see insert	see insert	see insert
Maximum making current	-	see insert	see insert	see insert	see insert
Slide switch	-	-	-	-	Off/Auto/On
Radio interference suppression	according to EN 55015	according to EN 55015	according to EN 55015	according to EN 55015	according to EN 55015
VDE mark	•	•	•	•	•
Degree of protection	see application module	IP20 / IP44	IP20 / IP44	IP20	IP20
Operating temperature	-20 to 45 °C	-20 to 45 °C	-20 to 45 °C	-15 to 45 °C	-15 to 45 °C
Microprocessor	-	-	-	•	•
Delay time	via main unit	2 min. (fixed)	0.5/10 s - 30 min	2 min. (fixed)	0.3/10 s - 30 min
Response brightness	via main unit	0 ... 80 lux/daytime operation	0 ... 80 lux/daytime operation	0 ... 80 lux/daytime operation	0 ... 80 lux/daytime operation
Response sensitivity	see application module	approx. 20 to 100 %	approx. 20 to 100 %	100 %	approx. 20 to 100 %
Recommended mounting height	1.1 or 2.2 m	1.1 or 2.2 m	1.1 or 2.2 m	2.2 m	1.1 or 2.2 m
Detection levels	see application module	2 or 3	2 or 3	6	6
Detection area limit	see application module	90° by cover	90° by cover	sensor cutoff	sensor cutoff
Range reduction	see application module	potentiometer stepless 20 to 100%	potentiometer stepless 20 to 100%	-	25/50/75/100 % learnable
Response sensitivity	see application module	potentiometer stepless 20 to 100%	potentiometer stepless 20 to 100%	-	-
Fuse	T 1.6 H 250 V	via insert	via insert	via insert	via insert
Order no.	2908	1783 .. / 1786 ..	1784 .. / 1787 ..	1788 ..	1789 ..

BLC controller IP44 for mounting height 1.1 m
Direct sunlight penetrating the upward-facingdetection plane will result in failure of the controller. Only suitable for interior applications!

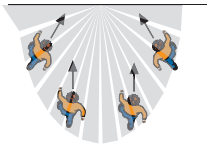
BLC controller IP44 for mounting height 2.2 m
Ensure no direct sunlight can fall on the upper detection plane. Also suitable for exterior applications!

Mounting instructions

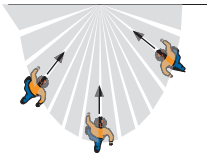
optimal
The detection beams are optimally cut.



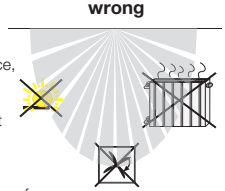
not optimal
The detection beams are not optimally cut. The range is reduced.



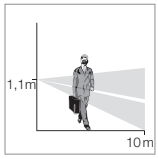
wrong
The detection beams are not cut. The controller detects the object too late.



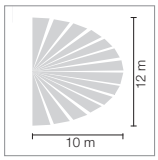
wrong
There should be no sources of interference, e.g. lamps, heatings or fans in the detection field: Select suitable installation location and/or use push-on cover. Problems with sources of interference can generally be solved with the teachable digital BLC controllers comfort.



BLC controller 1.1 m

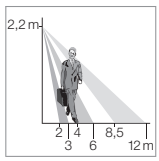


Side view
Detection area
Mounting height:
1.1 m.

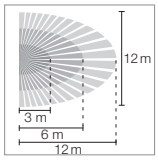


View from above
Mounting height:
1.1 m.

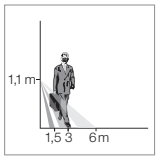
BLC controller 2,2 m



Side view
Mounting height:
2.2 m.

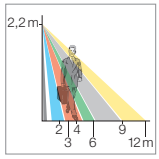


View from above
Mounting height:
2.2 m.

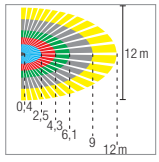


Side view
Mounting height:
1.1 m.

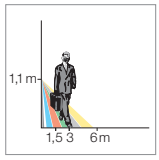
BLC controller 2.2 m



Side view
Mounting
height: 2.2 m.



View from above
Mounting height:
2.2 m.



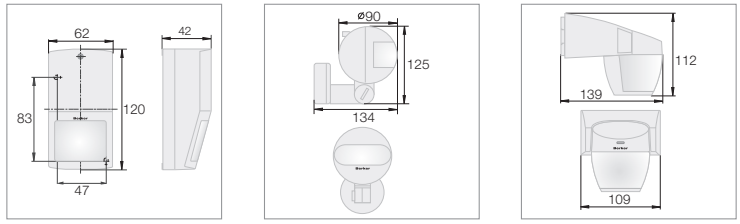
Side view
Mounting height:
1.1 m.

OVERVIEW OF SURFACE-MOUNTED CONTROLLERS

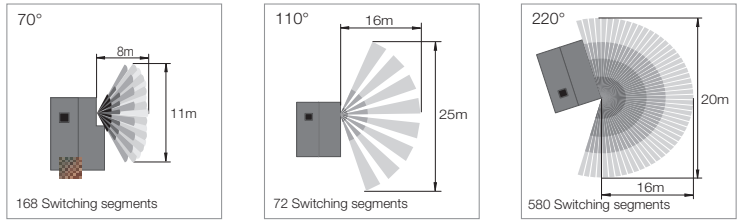
Technical data	Controller 70° surface-mounted	Automatic controller plus 110° surface-mounted	Berker control Control 220° surface-mounted
Supply voltage	230 V~, 50/60 Hz	230 V~, 50 Hz	230 V~, 50/60 Hz
Power consumption	approx. 1.1 W	approx. 1.3 W	approx. 1.1 W
Switching contact	Relay	Relay	Relay
Switching capacity 230 V incandescent lamps	1000 W	2300 W	2300 W
230 V halogen lamps	1000 W	1000 W	2300 W
Tronic transformers	750 W	1200 W	1200 W
Conv. transformers at 85 % load	750 VA	1200 VA	1200 VA
Fluorescent lamps			
uncompensated	500 VA	1200 VA	1200 VA
parallel compensated	400 VA	920 VA	920 VA
Duo circuit	1000 VA	2300 VA	2300 VA
Fluorescent lamps with electronic ballast	see making current	see making current	see making current
Energy saving lamps	limiter Page **i 944**	limiter Page **i 944**	limiter Page **i 944**
Maximum making current	15 A	20 A	20 A
Radio interference suppression	according to EN 55015	according to EN 55015	according to EN 55015
VDE mark	yes	yes	yes
Degree of protection	IP55	IP54	IP55
Operating temperature	-25 to 55 °C	-35 to 50 °C	-20 to 55 °C
Mikroprcessor	-	•	•
Delay time	10 sec. to 5 min.	12 sec. to 12 min.	2 sec. to 30 min.
Bell pulse	no	no	yes 0.5 sec.
Forced cut-out after 90 min.	-	-	yes
Activation brightness approx.	3 ... 80 lux/daytime operation	5...300 lux/daytime operation	1...1000 lux/daytime operation
Response sensitivity	-	-	20 to 100%
Recommended mounting height	2.4 m	2.5 m	2.4 m
Close-up range approx.	0.5 to 4 m	0.5 to 1 m	0 to 3 m
Mid range approx.	4 to 6 m	1 to 5 m	3 to 7 m / 7 to 11 m
Remote range approx.	6 to 8 m	5 to 16 m	11 to 16 m
Crawl-under protection	-	-	-0.4 to 0
Detection area limit	sticker	mask and cover plates	cover plate elements
Range reduction	3-stages adjustable	by tilt	tilt with reductionin sensitivity
System sensor cable	-	-	yes
Number of system sensors	-	-	-
Improved approach response	yes	-	yes
Additional function due to push-button (NCC) in lead: push-button =	press 1x = delay time	press 1x = delay time	press 1x = delay time 2x=4hrs on, 3x=4hrs off, 4x=Test
Order no. (polar white)	1 4399 09	102 09	190

⚠ When connecting energy-saving bulbs and electronic ballasts, consider the high making currents. Check suitability of equipment prior to use and fit making current limiters if necessary. Ensure that there are no interference sources, e.g. lamps or heatings, in the detection range.

Dimensional drawing



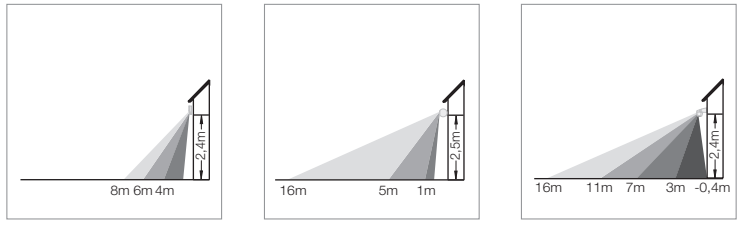
Top view of detection range



Side front view of detection range



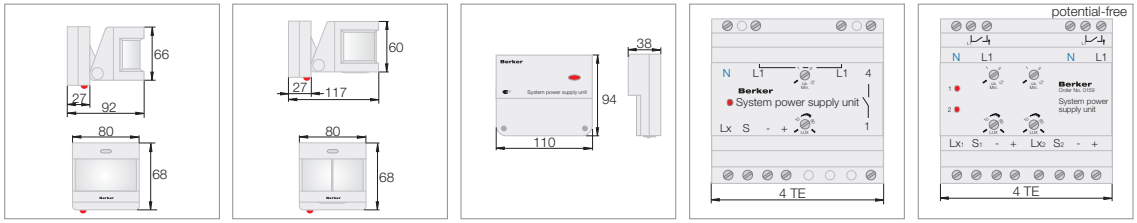
Ranges



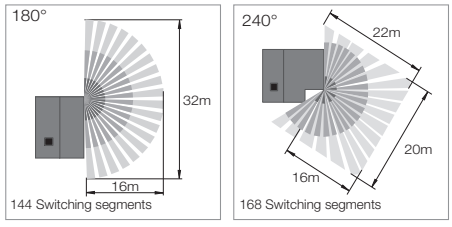
Technical data	System controller 180°	System controller 240°	System controller power unit surface-mounted	System controller power unit 1-channel RMD	System controller power unit 2-channel RMD
Supply voltage	15 V=	15 V=	230 V~, 50 Hz	230 V~, 50 Hz	230 V~, 50 Hz
Power consumption	approx. 0.06 W	approx. 0.06 W	approx. 1.1 W	approx. 1.1 W	approx. 1.1 W
Switching contact	see system power unit	see system power unit	Relay	Potential-free relay	2relays, 1x pot.-free (right)
Switch. capacity incandesc. lamps	see system power unit	see system power unit	2300 W	2300 W	2300 W
230 V halogen lamps	see system power unit	see system power unit	2300 W	2300 W	2300 W
Tronic transformers	see system power unit	see system power unit	1200 W	1200 W	1200 W
Conv. transformers at 85 % load	see system power unit	see system power unit	1200 VA	1200 VA	1200 VA
Fluorescent lamps					
uncompensated	see system power unit	see system power unit	1200 VA	1200 VA	1200 VA
parallel compensated	see system power unit	see system power unit	920 VA	920 VA	920 VA
Duo circuit	see system power unit	see system power unit	2300 VA	2300 VA	2300 VA
Fluoresc. lamps with elec. ballast	see system power unit	see system power unit	see making	see making	see making
Energy saving lamps	see system power unit	see system power unit	current limiter page **i 944**	current limiter page **i 944**	current limite page **i 944**
Maximum making current	see system power unit	see system power unit	20 A	20 A	20 A
Radio interference suppression	accord. to EN 50015	accord. to EN 50015	accord. to EN 50015	accord. to EN 50015	accord. to EN 50015
VDE mark	yes	yes	yes	yes	yes
Degree of protection	IP55	IP55	IP55	IP20	IP20
Operating temperature	-25 to 55 °C	-25 to 55 °C	-25 to 55 °C	-25 to 55 °C	-25 to 55 °C
Delay time	see system power unit	see system power unit	4 sec. to 15 min.	4 sec. to 15 min.	4 sec. to 15 min.
Bell pulse	-	-	-	-	-
Forced cut-out > 90 min.	see system power unit	see system power unit	yes	yes	yes
Activation brightness approx.	see system power unit	see system power unit	3…80 lx/daytime operation	3…80 lx/daytime operation	3…80 lx/daytime operation
Response sensitivity	-	20 to 100%	-	-	-
Recommended mounting height	2.4 m	2.4 m	-	-	-
Close-up range approx.	0.5 m to 3 m	0.1 m to 1 m	-	-	-
Mid range approx.	3 m to 9 m	1 m to 9 m	-	-	-
Remote range approx.	9 m to 16 m	9 m to 16 m	-	-	-
Crawl-under protection	-	yes	-	-	-
Detection area limit	hood	hood	-	-	-
Range reduction	by tilting	tilt with reduction in sensitivity	-	-	-
System sensor cable	J-Y(ST)Y 2 x 2 x 0.8 or YR 4 x 0.8				
Number of system sensors	-	-	max. 8	max. 8	max. 8 VA per channel
Improved approach response	-	-	-	-	-
Addit. function by push-button (NC) in lead: push-button =	-	-	1x press = delay time	1x press = delay time	1x press = delay time
Order no. (polar white)	151 09	152 09	150 29	155	159

⚠ When connecting energy-saving bulbs and electronic ballasts, consider the high making currents. Check suitability of equipment prior to use and fit making current limiters if necessary. Ensure that there are no interference sources, e.g. lamps or heatings, in the detection range.

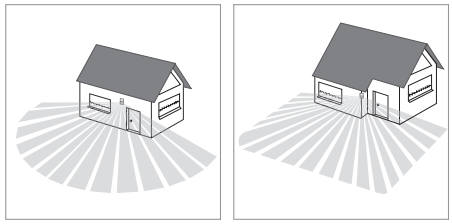
Dimensional drawing



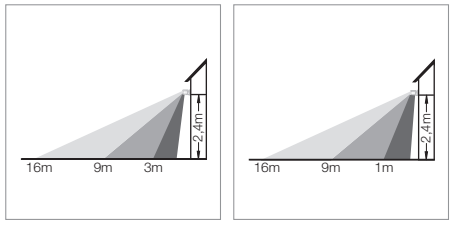
Top view of detection range



Side front view of detection range

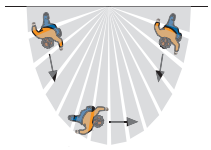


Ranges



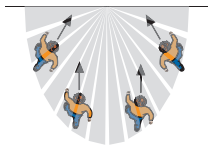
Controller mounting

optimal



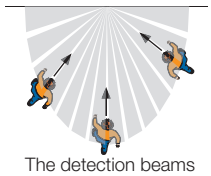
The detection beams are optimally cut.

not optimal



The detection beams are not optimally cut. The range is reduced.

wrong

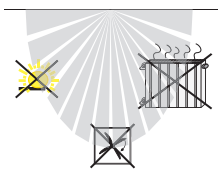


The detection beams are not cut. The controller detects the object too late.

⚠ **wrong**
There should be no sources of interference, e.g. lamps, heatings or fans in the detection field: Select suitable installation location resp. use push-on cover or the learning digital Controller Berker Control 220° surface-mounted.

Problems with sources of interference can generally be solved with the teachable digital Controller Berker Control 220° surface-mounted comfort.

wrong



CONTROLLER BERKER CONTROL 220° SURFACE-MOUNTED

Controller Berker Control 220° surface-mounted [Order no. 190] stands for:

- Digital, microprocessor-controlled operation
- Digital detection signal evaluation
- Digital interference signal suppression
- Response sensitivity adjustable
- 4 monitoring planes
- Detection angle 220°
- Crawl-under protection
- Range 16 m
- 145 sectors with over 580 switching segments
- Non-weather-dependent range consistency
- Activation brightness from 1 lux - daytime operation adjustable
- Glare-proof (e.g. against torches)
- Delay time 2 sec. - 30 min. adjustable
- Short-time service 0.5 sec. with immunity time setting
- Additional functions, controller operation/4 hrs. On/4 hrs. Off/Test
- With LED detection and mode indicator
- Limit switch-off
- Intelligent load linking
- For wall and ceiling installation
- Cable entry from all sides
- Vertical and horizontal tilting

Operating principle

The Controller Berker Control 220° surface-mounted responds to heat movement, such as that triggered by people or motor vehicles. The digital processing of movement signals in the integrated processor means interference is largely suppressed. It activates when loads, such as lights, are detected. The unit remains switched on as long as movements are detected, otherwise the Controller Berker Control 220° surface-mounted switches off at the end of the preset delay time.
A short-time service of 0.5 sec. can additionally be set. This makes it possible to operate acoustic signal generators to monitor an entrance door (bell/gong) and lock it for a programmeable immunity time of 1 sec. - 10 min. until the next movement. The visual indicator signals the response of the unit.
With the adjustable twilight switch you activate the switching function only as from a desired activation brightness, or you programme daytime operation.

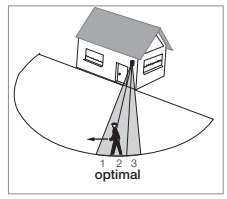
The optical alignment of the sensor head allows you to adapt the unit to specific on-site conditions. Any heat sources triggering unwanted activation can be suppressed by means of the adjustable sensitivity and the self-adhesive masking elements.

The Controller Berker Control 220° surface-mounted offers a high degree of protection against ambient light. As the ambient brightness increases, the motion detection only ceases to be evaluated when the preset brightness value has been exceeded for at least 10 minutes. This excludes the possibility of tampering, such as shining a torch on to the controller to prevent it from activating.

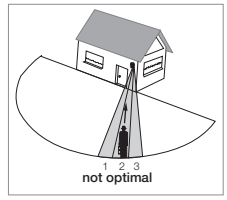
As the ambient brightness slowly decreases, motion detection is only evaluated when the brightness level has been below the preset activation brightness for at least 2 minutes. This prevents the controller from responding to merely short-time periods of sub-minimum brightness (such as due to a cloud).

Mount laterally across the direction of movement

If a person moves laterally across the Controller Berker Control 220° surface-mounted, switching segment 2 senses a negative jump in temperature (e.g. from 20 °C to 18 °C) and switching segment 1 senses a positive jump in temperature (e.g. from 18 °C to 20 °C). This means effective detection and stable ranging.

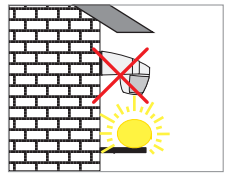


If a person moves directly towards the Controller Berker Control 220° surface-mounted the temperature remains virtually constant in switching segment 2. There may perhaps be no detection. The person must approach the Controller Berker Control 220° surface-mounted more closely to be 'detected'.

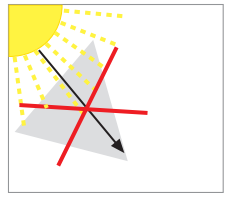


Mounting instructions

Do not mount the Controller Berker Control 220° surface-mounted directly above/next to a light. As the light cools it may be detected as a change of heat and lead to reactivation. If necessary, limit the detection range of the sensor with the masking elements supplied.



When mounting the Controller Berker Control 220° surface-mounted make sure the controller lens is not pointing towards the sun (sensor may be damaged). In a horizontal position the detection beams may point directly at the sun (see illustration). It is therefore advisable to protect the sensor head against exposure to direct sunlight prior to mounting it on the terminating outlet.

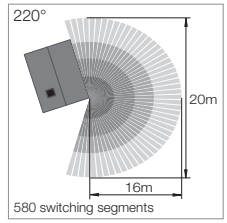


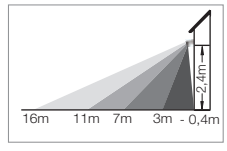
Detection field

The Controller Berker Control 220° surface-mounted has a very dense, horseshoe shaped detection angle of 220, comprising 4 planes with over 145 sectors and 580 switching segments, as well as additional crawl-under protection.
Extent of the detection field:
16 x 20 m see diagram
The 4 monitoring planes are defined as follows:

1st plane from	0 m to approx. 3.0 m
2nd plane from	approx. 3.0 m to approx. 7.0 m
3rd plane from	approx. 7.0 m to approx. 11 m
4th plane from	approx. 11 m to approx. 16 m
Crawl-under protection	approx. -0.4 m to 0 m

The ranges relate to the recommended mounting height of 2.4 m, sensor head aligned horizontally, direction of movement laterally across the Controller Berker Control 220° surface-mounted, sufficient temperature difference between moving body and surroundings on level ground.





The range is reduced by:

- rising ground
- inclined sensor head
- mounting height less than 2.4 m
- low temperature difference

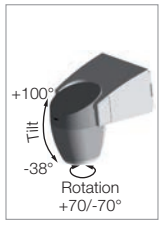
The range is increased by:

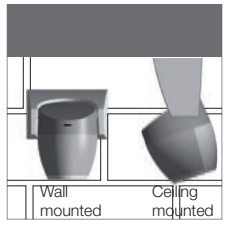
- falling ground
- sensor head pointing upwards
- mounting height more than 2.4 m
- high temperature difference

Mounting instructions

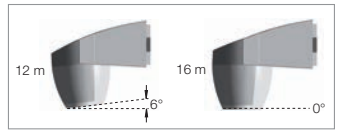
The flexible housing construction of the Controller Berker Control 220° surface-mounted makes it suitable both for wall and ceiling installation.

To adapt the detection angle to on-site conditions, the sensor head can be inclined and rotated.

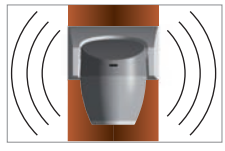




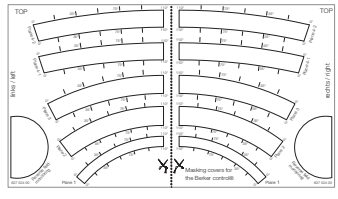
If the sensor head is aligned at about 6° tilt for example (the upper edge of the housing forming a continuous line with the bottom edge of the sensor), the range will be reduced to approx. 12 m.

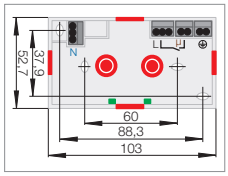


Mount the Controller Berker Control 220° surface-mounted free of vibration, because sensor movements, such as those caused by mounting on a tree, may also trigger the switch.

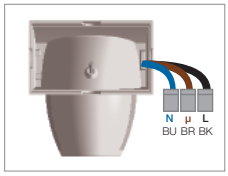


The masking elements supplied can be used to eliminate sources of interference by limiting the detection angle.
To do so, cut the masking elements as required to the size of the individual detection planes or to the desired angle. Then detach the masking elements from the backing film and affix them smoothly to the sensor window.





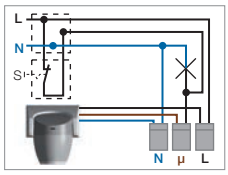
Terminating outlet
The terminating outlet of the Controller Berker Control 220° surface-mounted is fitted with 6 cable entries, for individual cable entries from above, below, left, right and rear.
Before installing the terminating outlet, open up the two condensate drains at the bottom (do not do this if installing in dusty rooms).



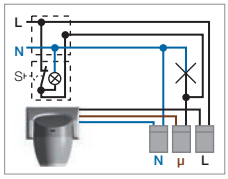
Electrical connections
Connections executed as plug-in terminals.

(BK) black:	L (phase)
(BU) blue:	N (neutral conductor)
(BR) brown:	μ (relay, lamp cable)

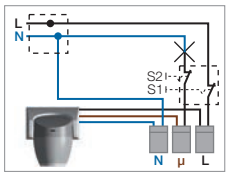
Note: When using energy saving lamps, consider high making currents. If necessary use making current limiter order no. 185.



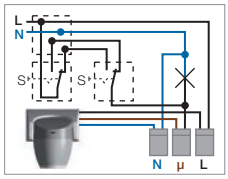
Controller operation/CONTINUOUSLY ON
The "S" switch allows changeovers between controller operation and CONTINUOUSLY ON.



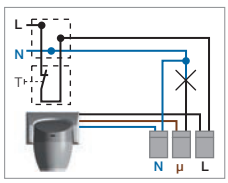
Controller operation (monitoring)/ CONTINUOUSLY ON
The "S" switch allows changeovers between controller operation and CONTINUOUSLY ON. When the Controller Berker Control 220° surface-mounted is switched on and CONTINUOUSLY ON is set, the neon lamp unit lights up.



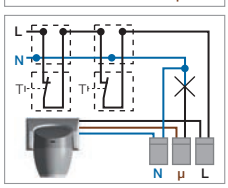
Switch off
Using "S1" or "S2" switch.
When switching back on, "S1" activates a switching operation of the Controller Berker Control 220° surface-mounted for the preset delay time. "S2" does not do this, as only the load is switched on or off.



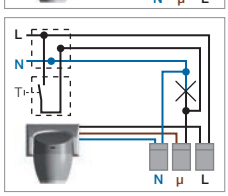
Controller operation/CONTINUOUSLY ON change-over switching
The "S" switch allows changing over between controller operation and CONTINUOUSLY ON.



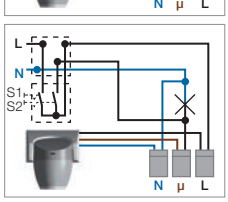
With push-button "NO contact"
Existing switches can be replaced by a push-button "T". Pressing the push-button once for min. 1 sec. activates a non-brightness-dependent switching operation for the preset delay time.
Repeated press = additional functions.



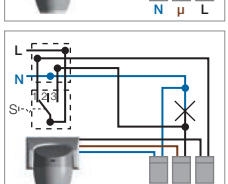
Change-over switching
Existing change-over switches can be replaced by push-button "T" (NO contact). Pressing the push-button once for min. 1 sec. activates a non-brightness-dependent switching operation for the set delay time.
Repeated press = additional functions.



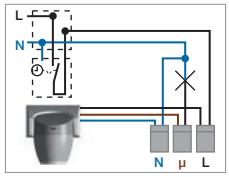
With push-button (NO contact)
Pressing push-button "T" (NO contact) once for min. 0.5 sec. activates a non-brightness-dependent switching operation for the preset delay time.



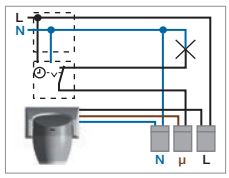
Auto/manual operation with series switch
S1 open, S2 open: all off.
S1 closed, S2 closed: CONTINUOUSLY ON
S1 closed S2 open: controller operation



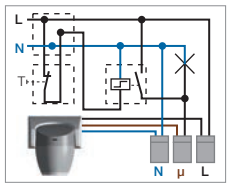
Auto manual mode with 3-step switch
1 Controller operation
2 All Off
3 CONTINUOUS ON



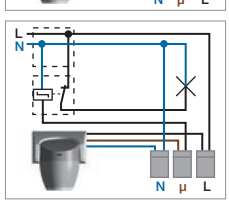
Switch-on by timer
Timer programmed switch-on of the controller.
For timer programmed switch-on of the Controller Berker Control 220° surface-mounted a non-brightness-dependent switching operation is executed for the preset delay time.



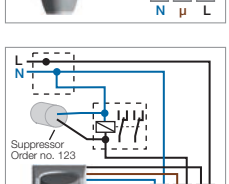
Switch-on by timer
Timer programmed activation and switch off of the Controller Berker Control 220° surface-mounted.
No switching operation of the Controller Berker Control 220° surface-mounted is performed, because only the load is switched on or off.



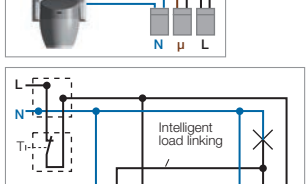
Parallel circuit with timer for stairway light resp. current pulse switch
Lighting is switched by automatic unit or Controller Berker Control 220° surface-mounted.



Activation of time or flash relay
Extension of delay time or activation of a clock relay (e.g. for flash circuit).



Operation of a relay or contact maker
For potential-free NO and NC contacts and to increase switching capacity.



Connection of multiple Controller Berker Control 220° surface-mounted - "with intelligent load linking"
Caution: All parallel connected Controller Berker Control 220° surface-mounted must run on the same phase.
Parallel connection does not increase the max. connected load.
The built-in microprocessor in conjunction with a voltmeter on the load cable means that all parallel connected Controller Berker Control 220° surface-mounted detect the switching on of a light. As long as a movement is detected by a Controller Berker Control 220° surface-mounted, the lighting remains on. The delay time is restarted every time a movement is detected in the relevant Controller Berker Control 220° surface-mounted. It expires only when no more movement is detected. The delay time is determined by the Controller Berker Control 220° surface-mounted with the longest remaining time. This makes it possible to construct a controller system comprising units with equal rights, with no mutual interference.

Additional functions
The Controller Berker Control 220° surface-mounted permits 4 different operating modes, using push-button, NO contact
in the lead cable:

Press 1x: non-brightness-dependent switch-on for the preset delay time (yellow • LED lights up), then brightness-dependent controller operation.
Press 2x: the Controller Berker Control 220° surface-mounted switches on for 4 hours (green • LED lights up), then brightness-dependent controller operation.
Press 3x: the Controller Berker Control 220° surface-mounted switches off for 4 hours (red • LED lights up), then brightness-dependent controller operation.
Press 4x: test mode: brightness evaluation is disabled (red + green • • LED light up). The Controller Berker Control 220° surface-mounted switches on for approx. 3 seconds when a movement is detected.

Limit cut-out
Once the Controller Berker Control 220° surface-mounted has switched on, the brightness is no longer evaluated. To prevent the lighting from remaining on when there is continuous movement in the detection range (e.g. after dawn), the unit is fitted with a limit cut-out. The delay time (time in which the light remains on after no more movement is detected) is shortened depending on the overall on time.

On time	Delay time
Up to 60 min.	Set time
Up to 70 min.	4 minutes
Up to 75 min.	2 minutes
Up to 80 min.	1 min.
Up to 85 min.	30 sec.
Up to 90 min.	15 sec.
90 min.	switch off

The Controller Berker Control 220° surface-mounted thus switches off after 90 minutes at the latest, even if there is continuous movement in the detection field. It is switched back on if the brightness falls below the preset value and there is movement.

CONTROLLER MOUNTING INSTRUCTIONS

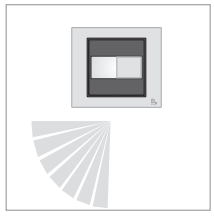
Operating principle
Controllers respond to heat motion caused by people, animals or objects, such as lamps, heatings, cars, etc. The controller remains switched on as long as movements are detected, otherwise the controller switches off at the end of the preset delay time. To prevent cooling lights installed within the detection range tripping the controller, the controller response is delayed by 3 seconds.

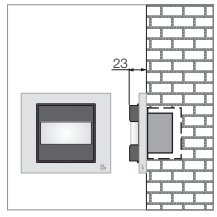
Important planning criteria for controller installation
The mounting height of the controllers as set out in the tables should be complied with, as failure to do so will result in restricted range or excessive range.
At the recommended mounting height the detection height can be adjusted, depending on the controller, by means of tilting and locking and using the hoods, covers, masks and adhesive labels supplied, thereby avoiding unwanted switching. The ranges of the controllers/system controllers may vary due to the effects of weather conditions (fog, rain, snow). Where there is little temperature difference between the object being detected and the ambient temperature, range restrictions may occur.

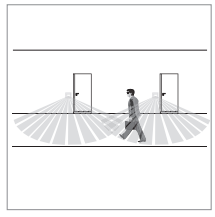
BLC controller flush-mounted

- BLC controller 1.1 m and 2.2 m
- BLC controller comfort 1.1 m and 2.2 m
- System controller 1.1 m and 2.2 m

Limitation of detection range to only 90° with masking element or by different mounting height (for controller 2.2 m)







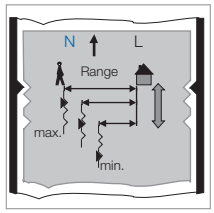
Extension units

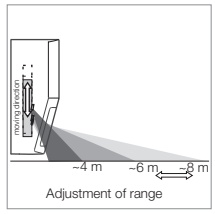
When using BLC controllers with BLC extension units for motion detector, a generous overlap between the detection ranges should be allowed in order to ensure detection.

Controller surface-mounted

Controller 70° surface-mounted
Limitation of detection range by locked settings for ranges 4, 6 or 8 m.



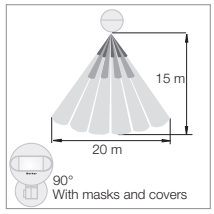


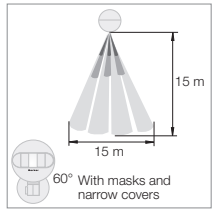


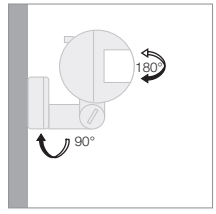
Automatic Controller Plus 110° surface-mounted

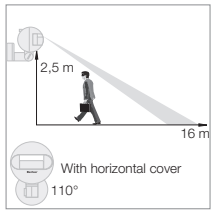
Limitation of detection range with masks and and covers, also by tilting and rotating.

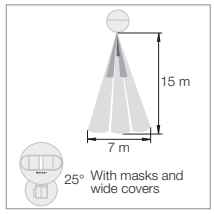


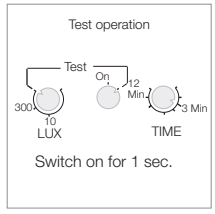


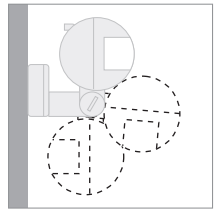






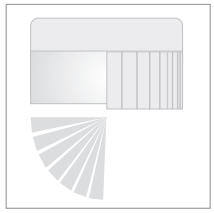


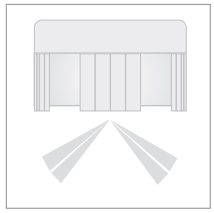


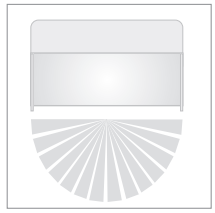


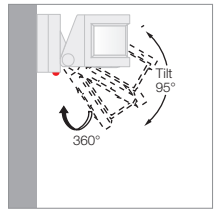
System controller 180° and 240°

Limitation of detection range as desired with hood, also by tilting and rotating.
If the System controller 240° is tilted, the detection angle should be reduced to 180°, otherwise excessive lateral range will occur.



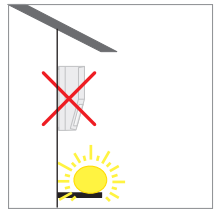






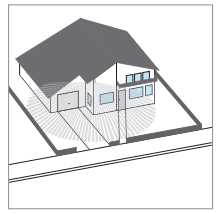
Lamps within the detection range

The lamp being switched must not be placed in the immediate vicinity of or underneath the controller, because the radiated heat can cause unwanted switching. There should be adequate distance between the light and the controller.



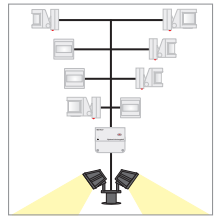
Optimum mounting location

For optimum detection and range for movement, Berker controllers should be installed laterally to the direction of walking. The controller's detection beams are then crossed laterally. When using multiple controllers and/or extension units, the detection ranges of the individual controllers should overlap, in order to ensure optimum monitoring. If the controller is placed such that the person being detected approaches the controller only frontally, range restriction is to be expected. For this a controller with enhanced approach response (controller 70° surface-mounted, Controller Berker Control 220° surface-mounted) should be configured.



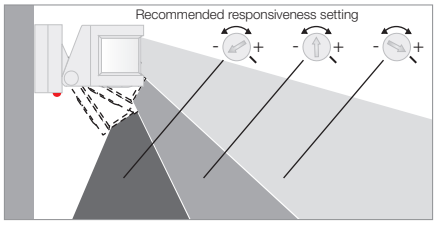
Detection for large areas

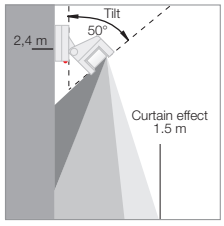
For detection in larger areas (squares, long corridors etc.) in which the detection angle of an individual controller is not sufficient, controllers with extension units, a controller system, networked Controllers Berker Control 220° surface-mounted or radio controllers should be deployed, with the detection ranges of the individual devices overlapping. Parallel connection of controllers is not advisable, because it may cause so-called reciprocal action (switching back on again after a short cut-out of approx. 3 sec).



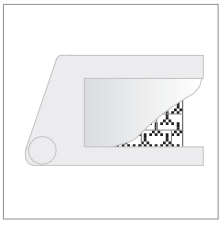
Berker

Curtaining effect and range optimization
By tilting the controller downwards its range can be steplessly adjusted. Detection then occurs only in the close-up range. When using the system controller 240°, detection can be further optimized by reducing the sensitivity.

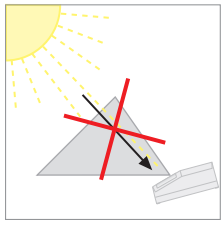




Installation location
The controller should be protected against direct rainfall, because rain drops on the lens may cause unwanted switching.
A special protective screen in front of the controller protects it against the effects of thermal influence.



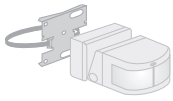
During installation
When installing the controller, it should be ensured that the lens is not exposed to direct sunlight (otherwise the sensor may be damaged). In a horizontal position the detection beams may point directly at the sun (see figure). It is therefore advisable to keep the sensor head away from sunlight until it is mounted on the housing body.

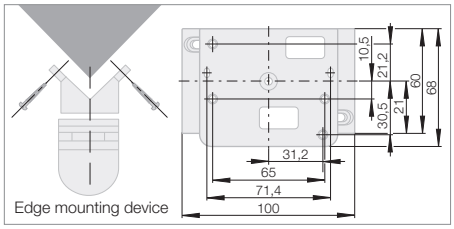


Accessories
Use of the mounting accessories allows the controllers to be fixed at difficult locations, such as on ceilings or masts, or in corners.


Mounting angle for ceiling


Ceiling mounting angle for 2 controllers/sensors

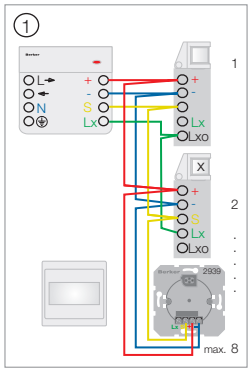

Mast fastening

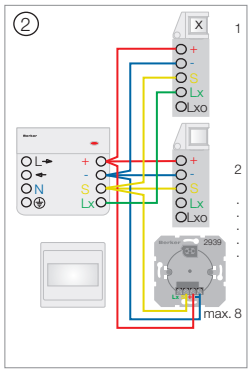


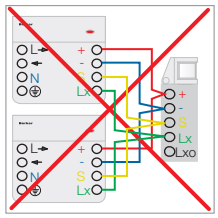
Controller system
The controller system can be used wherever multiple controllers are used to switch the same load. The controller system is installed as described below.

Connection:

Important!
Each system controller has a brightness sensor, but only one brightness sensor may be connected within a system, i.e. the "Lx" terminal is assigned to only one controller system sensor. Only this system controller measures the brightness and forwards this value to the system controller power unit for evaluation.
In figures 1 and 2 the system controller with the active brightness sensor is identified by an "X".

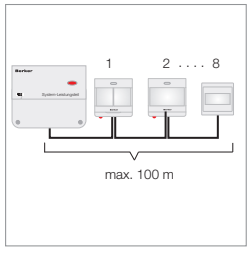


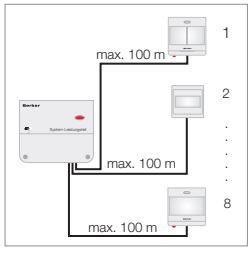




Connection of multiple system controller power units to a single system controller cable is not permissible, malfunctions will result. To increase the connected load use a contact maker.

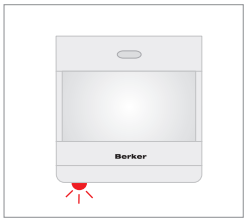
Cabling
Connection in parallel as per figure 1 or in star connection as per figure 2. Mixed forms are also permissible.
Communication lines are recommended for connection of the controller system sensors, e.g. JY-ST-Y 2x2x0.8 or YR 4x0.8

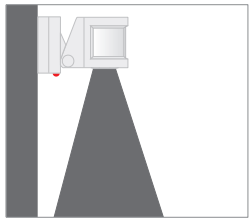




Connecting terminals:
+,- : Power supply 15V=.
S : Switch signal
Lx : Brightness signal
Lxo: Unconnected terminal, which can be used to loop-through the Lx signal.

Diagnosis LED
To enable the controller system to be tested accurately, the system controllers are fitted with a testing and diagnosis LED. This LED lights up in response to every movement, regardless of brightness.
This enables the functioning to be checked and the detection range adjusted without switching on the load.



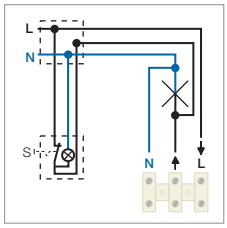


Crawl-under protection
The system controller 240° has separate crawl-under protection. This means that movements underneath the system controller are also detected, right up to the house wall.
This results in an even higher degree of security.

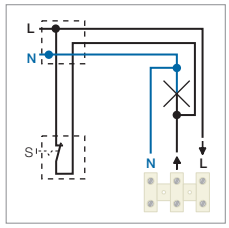
Limit switch-off
If the system controller power unit is switched on, the response brightness is no longer evaluated. However, so that even when there is constant motion in the detection area (e.g. after dawn) the lighting does not remain switched on unnecessarily, the system controller power unit is equipped with a limit switch-off.
The delay time (time in which the light still remains switched on after no more motion is detected) is automatically shortened depending on the entire on-time. The system controller power unit thus switches off (even if there is constant movement in the detection area of the controller system sensors), at the latest after 90 minutes. It switches on again when the brightness drops below the set response brightness and there is motion in the detection area.

total on-time	shortening of the delay time
up to 60 min.	setting
up to 70 min.	4 minutes
up to 75 min.	2 minutes
up to 80 min.	1 min.
up to 85 min.	30 sec.
up to 90 min.	15 sec.
90 min.	Switch-off

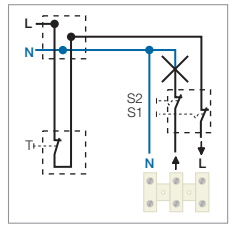
Connection diagrams
Controllers/System controller power unit 230 V
By combining controllers/system controllers with push-buttons or switches, different switching variants can be implemented.



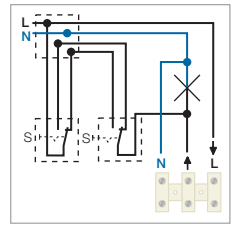
Controller (control) / CONTINUOUSLY ON
The "S" switch allows changing over between controller operation and CONTINUOUSLY ON.
When the controller is switched on and CONTINUOUSLY ON is set, the neon lamp unit is lit.



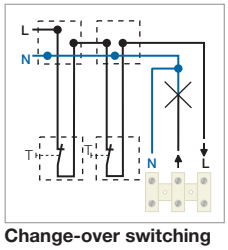
Controller / CONTINUOUSLY ON
The "S" switch allows changing over between controller operation and CONTINUOUSLY ON.



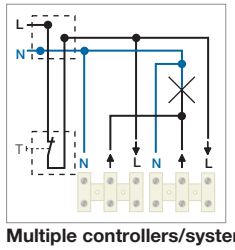
Switch off
Using "S1" or "S2" switch. When switching back on, "S1" activates a switching operation of the controller for the preset delay time.
"S2" does not, as only the load is switched on or off.



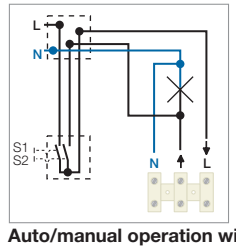
Controller / CONTINUOUSLY ON change-over switching
The "S" switch allows changing over between controller operation and CONTINUOUSLY ON.



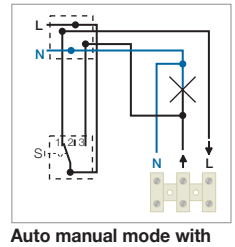
Change-over switching
Existing change-over switches can be replaced by push-button "T" (NC contact). Pressing the "T" (NC contact) push-button once for min. 1 sec. activates a non-brightness-dependent switching operation for the set delay time.



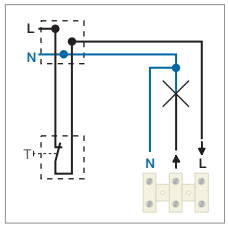
Multiple controllers/system controllers on one load
Pressing the push-button "T" (NC contact) for min. 1 sec. activates a non-brightness-dependent switching operation for the set delay time.



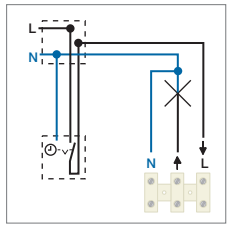
Auto/manual operation with series switch
S1 open, S2 open: all off.
S1 closed, S2 closed: CONTINUOUSLY ON
S1 closed S2 open: controller operation.



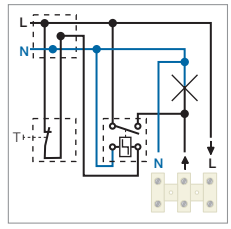
Auto manual mode with 3-step switch
1 Controller operation
2 All Off
3 CONTINUOUS ON



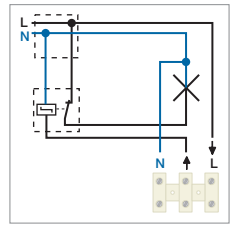
With push-button (NC contact)
Pressing the "T" push-button (NC contact) for min. 1 sec. activates a non-brightness-dependent switching operation for the preset delay time.



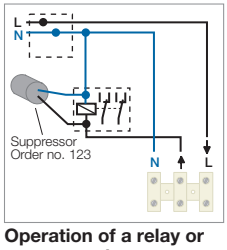
Switch-on by timer
Timer programmed switch-on of the controller.



Parallel circuit with automatic stair light control or current pulse
Lighting is switched by automatic units or controller/system controller.



Activation of time or flash relay
Extension of the delay time or activation of a clock relay (e.g. for flash circuit).



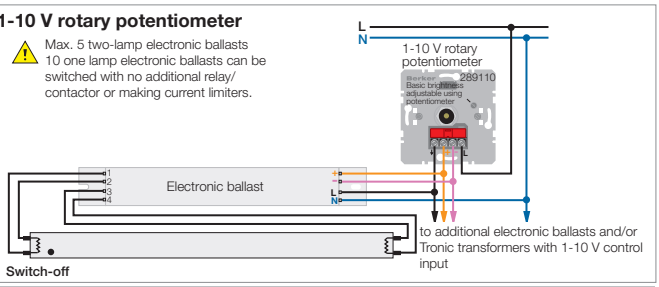
Operation of a relay or contact maker
For potential-free NO and NC contacts and to increase switching capacity.

1-10 V control units

Increasingly in lighting engineering, electronic ballasts and Tronic transformers fitted with a 1-10 V interface are being deployed to operate lighting (such as fluorescent lamps, halogen lamps). If multiple devices are connected using a single control wire with 1-10 V control inputs, the 1-10 V rotary potentiometer can be used to adjust the brightness from a remote location. The 1-10 V push-button control unit built-in and BLC can be used to adjust the lighting to individual needs from different points. In this way, extensive and complex light systems can be implemented.
The 1-10 V control units (1-10 V rotary potentiometer, 1-10 V push-button rotary potentiometer and 1-10 V push-button control unit built-in) from Berker are used to switch the electronic ballast mains voltage on and off as well as for problem-free adjustment of the control voltage at the 1-10 V interface of the devices.
The 1-10 V rotary potentiometers are covered by a centre plate with regulator knob and frame, in keeping with the familiar dimmer design.

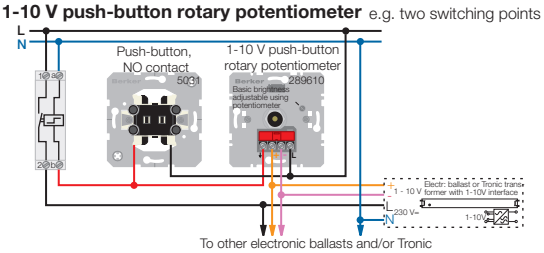
1-10 V rotary potentiometer

Max. 5 two-lamp electronic ballasts
10 one lamp electronic ballasts can be switched with no additional relay/ contactor or making current limiters.



Technical data	1-10 V rotary potentiometer Order no. 289110
Max. control voltage U_{ST} max.	12 V
Min. control voltage U_{ST} min.	0.7 W
Max. control current I_{ST}	50 mA
Max. switching capacity of mains switch	1380 VA or 6 A at 230/240 V~, 50/60 Hz
Fine-wire fuse	F 500 H 250
Operating temperature	5 to 35 °C
Terminals	Screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²

1-10 V push-button rotary potentiometer e.g. two switching points



Technical data	1-10 V push-button rotary potentiometer, NO contact Order no. 289610
Max. control voltage U_{ST} max.	12 V
Min. control voltage U_{ST} min.	0.7 W
Max. control current I_{ST}	50 mA
Max. switching capacity of mains switch	1380 VA or 6 A at 230/240 V~, 50/60 Hz
Fine-wire fuse	F 500 H 250
Operating temperature	5 to 35 °C
Terminals	Screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²

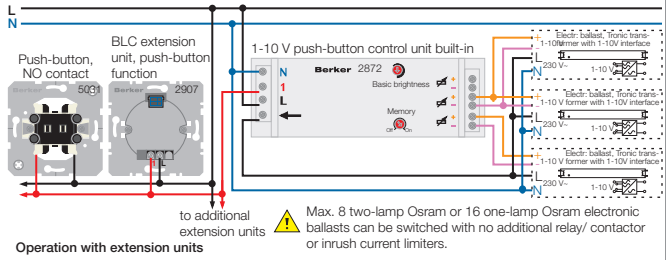
Example:
The total of electronic ballast control currents with the 1-10 V rotary potentiometer may be max. 50 mA, and the sum total of electronic ballast load currents (consider the making current) may be max. 6 A. Follow the ballast and lighting manufacturers' specifications regarding the control and load currents (with making currents).

Typical: Osram electronic ballast 2 x 58 W, control current I_{ST} = 6 mA, Load current I_L = 0.55 A per electronic ballast. 83 electronic ballasts are connected
I_{ST} = 83 x 0.6 mA = approx. 50 mA; I_L = 83 x 0.55 A = 45,7 A

Result:
The control contact is fully loaded.
Since electronic ballasts have an electrolytic capacitor in their input circuit, high making currents are to be expected. If the permissible number of ballasts is exceeded (see table), a contactor must be used to switch them, or making current limiter, order no. 185 must be connected in series upstream of the respective ballast.

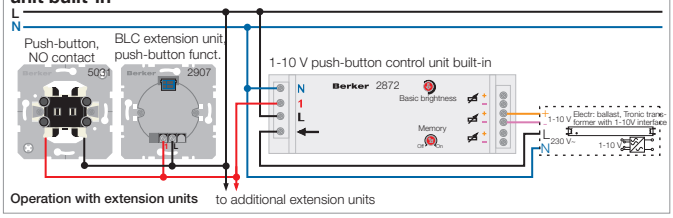
Maximum number of electronic ballasts that can be switched without additional fittings.
1-10 V rotary potentiometer: 5 two-lamp or 10 one-lamp Osram electronic ballasts 15 two-lamp or 30 one-lamp electronic ballasts Insta 42 W, 13 Berker Tronic-transformer 20-105 W
1-10 V push-button control unit built-in: 5 two-lamp or 10 one-lamp electronic ballasts Insta 42 W

1-10 V push-button control unit built-in

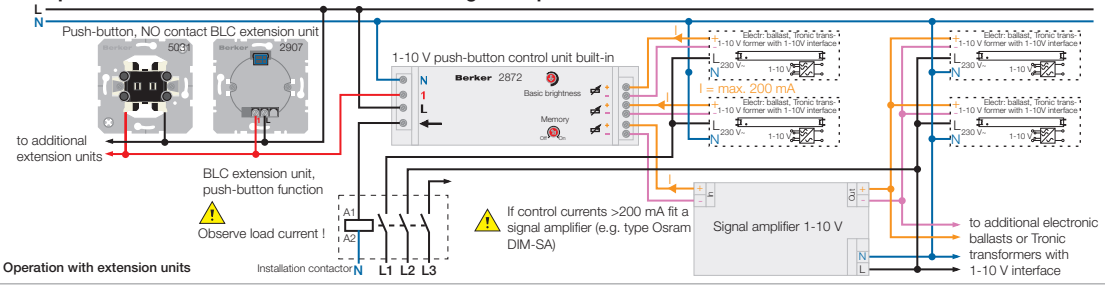


Technical data	1-10 V push-button control unit built-in Order no. 2872
Nominal voltage	230 V~, 50/60 Hz
Control voltage	1 -10 V
Max. control current IST	200 mA
Switching contact	Relay
Ohmic load	2300 W
Electronic ballast, transformers	type-dependent
Short-circuit protection	via 10 A circuit breaker
No-load proof	Yes
Electrical isolation 1-10 V	2 kV base installation
Operating temperature	5 to 50 °C
Terminals	Screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²
Dimensions (L x W x H)	175 x 42 x 18 mm

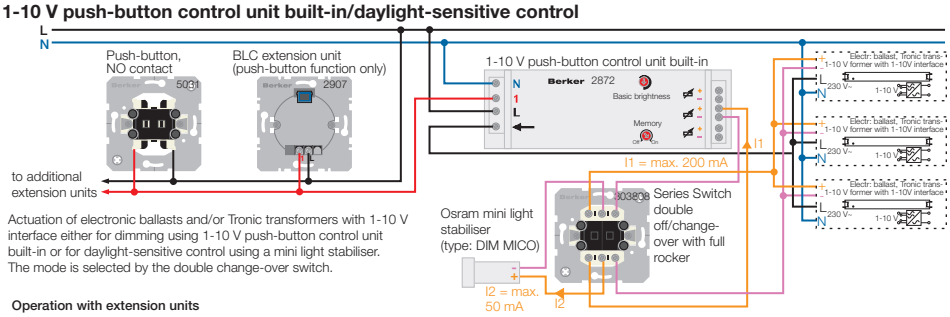
Tronic transformer with 1-10 V interface on 1-10 V push-button control unit built-in



1-10 V push-button control unit built-in with 1-10 V signal amplifier



1-10 V push-button control unit built-in/daylight-sensitive control



Berker

Equipment data		Kitchen [a), b)]	Kitchenette [b)]	Bathroom	Toilet	House workroom [b)]	Living room [a)] < 20 m²	Living room [a)] > 20 m²	Dining room	per bedroom, children's room, guest room, study office [b)] < 20 m²	per bedroom, children's room, guest room, study office [b)] > 20 m²	Hallway < 3 m	Hallway > 3 m	Seating area	Storage room	Hobby room	Cellar, floor and garage belong to home	Cellar/passageway, each 6 m in length	Connections for special operating devices with their own circuit	Distribution circuit	Building communication
★ and DIN 18015 Part 2	Socket outlets general	5	3	2[e)]	1	3	4	5	3	4	5	1	1	1	1	3	1	1	Electric cooker, microwave, dishwasher, washing machine [f)], tumble dryer, ironing station, water heater [d)], heating appliance [d)]	In single-room homes three-row distribution circuits.	Bell or gong, door opener and intercom system
	Lighting connections	2	1	2	1	1	2	3	1	1	2	1	2[g)]	1	1	1	1	1			
	Telephone/data connection						1		1	1		1									
	Socket outlets for telephone/data						1		1	1		1									
	Radio/TV/data connection	1					2		2	1											
	Socket outlets for radio/TV/data	3					6		3	3											
	Socket outlets for refrigerating appliance	2	1																		
	Socket outlet fume extractor	1																			
	Connection for ventilator [c)]			1	1																
	Roller shutter drives	Connections according to the number of drives																			
	Automaton circuits for socket outlets and lighting	Living space of the home m² / Number of circuits: < 50 / 3; 50 ... 75 / 4; 75 ... 100 / 5; 100 ... 125 / 6; > 125 / 7																			
★★	Socket outlets general	10	4	4[e)]	2	8	8	11	5	8	11	2	3	2	2	6	2	1	Electric cooker, oven, steam cooker, microwave, dishwasher, washing machine [f)], tumble dryer, ironing station, water heater [d)], sauna heating unit, whirlpool, heating appliance [d)]	In multi-room homes at least four-row distribution circuits and in single-room homes three-row distribution circuits.	Bell or gong, door opener and intercom system with several home call stations
	Lighting connections	3	2	3	1	2	2	3	1	2	3	2	2[g)]	2	1	2	1	1			
	Telephone/data connection	1				1	1	2	1	1	2	1		1		1					
	Socket outlets for telephone/data	2				2	2	4	2	2	4	2		2		2					
★	Radio/TV/data connection	1				1	2	3	1	1				1		1					
★★	Socket outlets for radio/TV/data	3				3	6	9	3	3				3		3					
★★	Socket outlets for refrigerating appliance	2	1																		
	Socket outlet fume extractor	1																			
	Connection for ventilator [c)]			1	1																
	Roller shutter drives	Connections according to the number of drives																			
	Automation circuits	1		1		1	1	2	1	1	2			1		1	1				
★★★	Socket outlets general	12	4	5[e)]	2	10	10	13	7	10	13	3	4	3	2	8	2	1	Electric cooker, oven, steam cooker, microwave, dishwasher, washing machine [f)], tumble dryer, ironing station, water heater [d)], sauna heating unit, whirlpool, heating appliance [d)]	In multi-room homes at least four-row distribution circuits and in single-room homes three-row distribution circuits.	Bell or gong, door opener and intercom system with several home call stations, danger detection systems
	Lighting connections	3	2	3	2	3	3	4	2	3	4	2	2[g)]	2	1	2	1	1			
	Telephone/data connection	1		1		1	1	2	1	1	2	1		1		1					
	Socket outlets for telephone/data	2		2		2	2	4	2	2	4	2		2		2					
★	Radio/TV/data connection	1		1		1	2	3	1	2				1		1					
★★	Socket outlets for radio/TV/data	3		3		3	6	9	3	6				3		3					
★★	Socket outlets for refrigerating appliance	2	1																		
	Socket outlet fume extractor	1																			
	Connection for ventilator [c)]			1	1																
	Roller shutter drives	Connections according to the number of drives																			
	Automation circuits	1		1		1	1	2	1	1	2	1		1		1	1				

[a)] In rooms with dining areas, the number of connections and socket outlets should each be increased by 1.

[b)] The socket outlets allocated to the bed areas and kitchen work areas, kitchenettes and house workrooms must be provided with double socket outlets at least. They only count as one socket outlet each in the table, though.

[c)] As long as an individual ventilation system is provided for. In the case of windowless bathrooms or toilets, the switching must be provided with follow up via the general lighting.

[d)] Unless the heating system/hot water supply takes place in another way.

[e)] A socket outlet in combination with the washstand lighting is permissible.

[f)] Only required once in each home.

[g)] Switchable from two places at least.

Berker

Thermostat
The thermostat controls the temperature in enclosed spaces, such as homes, schools, workplaces etc..

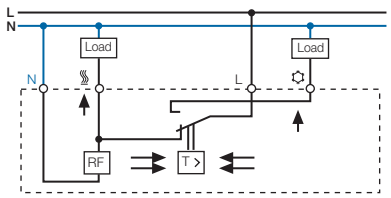
Installation location
- An inside wall opposite the heating source is the preferred installation location.
- Installation height approx. 1.5 m above the floor.
- Avoid external walls and draughts from windows and doors.
- Do not install the controller within shelving units or behind curtains and similar coverings.
- Extraneous heat affects the control accuracy.
- Avoid direct sunlight and do not install near televisions, radios and heatings, lamps, chimneys and heating pipes.
- If the controller is mounted in combination with a dimmer under a shared switch frame, then the distance between the two devices should be as great as possible. In the case of an arrangement one above the other, the controller should be be low the dimmer.

Electrical connection
Connect all the cables according to the corresponding circuit diagram. Connect the neutral conductor N to the N terminal. If this does not take place, then extreme temperature fluctuations will occur, as the controller does not work without thermal recirculation. The function is only dependent on the bimetal.
No protective conductor is required, as the device is insulated.

Brief description in the circuit diagram

L	Live conductor
N	Neutral conductor
⏚	Protective earth conductor
NTC	Connection for temperature sensor
RF	Resistor for thermal re-circulation
TA	Resistor for night / temperature lowering
◷	External time switch or (switch) for night / lowering temperature
	Load connection
	Heating
	Cooling
T>	Bimetal contact (temperature evaluation)

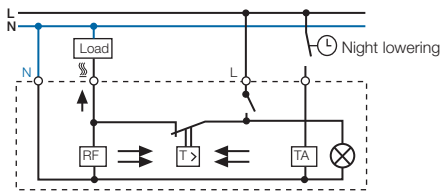
Temperature controller, change-over contact, with centre plate



2026..

Specifications	Temperature controller, change-over contact, with centre plate
Temperature range	5 to 30 °C
Rated voltage	250 V~, 50/60 Hz
Rated current heating	10 A, 4 A cos φ =0.6
Cooling	5 A, 2 A cos φ =0.6
Switching capacity heating	2.2 kW
Cooling	1.1 kW
Power consumption	0.15 W
Switching temperature difference	approx. 0.5 °C
Order no.	2026..

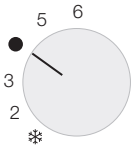
Temperature controller, NC contact, with centre plate



2030.. and 2031..

Specifications	Temperature controller, NC contact with central plate, rocker switch
Temperature range	5 to 30 °C
Rated voltage	250 V~, 50/60 Hz
Rated current	10 A, 4 A cos φ =0.6
Breaking capacity	2.2 kW
Power consumption	0.15 W, with night lowering 0.3 W
Switching temperature difference	approx. 0.5 °C
Temperature lowering	approx. 4 °C
Order no.:	2030..

Specifications	Temperature controller, NC contact with central plate, 24 V AC/DC, rocker switch
Temperature range	5 to 30 °C
Rated voltage	24 V~, 50/60 Hz; 24 V=
Rated current	10 A at ~, 4.1 A at =
Breaking capacity	240 W at ~, 100 W at =
Power consumption	14.4 mW, with night lowering 28.8 mW
Switching temperature difference	approx. 0.5 °C
Temperature lowering	approx. 4 °C
Order no.:	2031..



The scaling on the thermostats at the correct installation location corresponds to:

❄= approx. 5 °C	• = approx. 20 °C
2 = approx. 10 °C	5 = approx. 25 °C
3 = approx. 15 °C	6 = approx. 30 °C

Thermostat, NO contact, with central plate, for underfloor heating
This thermostat, NO contact, with central plate, for underfloor heating controls the temperature of underfloor heating systems.
The required floor temperature is set using the adjusting knob.
If the set floor temperature is not reached, the control unit then requests heat and shows this through a red LED. The heating is switched on or off using the mains switch. Night lowering can be activated using an additional connection through an upstream timer or control switch. This is displayed by the green LED on the setting knob lighting up. The temperature is reduced by approx. 5 °C.
For temperature measurement, install the sensor in the floor in a protective pipe. The sensor cable can, if necessary, be extended using a 2-core cable of 1.5 mm² cross section without influencing the precision of the controller. When laying the cable ducts or when close to high current conductors, a shielded cable should be used.

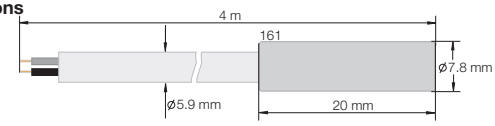
Characteristic sensor values: Measuring device internal resistor Ri > 1 MOhm

05 °C	85.279 k Ohm
10 °C	66.785 k Ohm
15 °C	52.33 k Ohm
20 °C	41.272 k Ohm
25 °C	33.000 k Ohm
30 °C	26.281 k Ohm
35 °C	21.137 k Ohm
40 °C	17.085 k Ohm
45 °C	13.846 k Ohm
50 °C	11.277 k Ohm

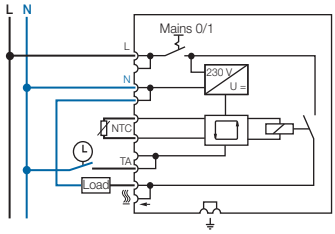
The resistance values can only be measured when the sensor is disconnected.

Install the temperature sensor in the ductwork in the floor, so that it is located between 2 heating conductors.

Sensor dimensions



Thermostat, NO contact, with central plate, for underfloor heating



2034..

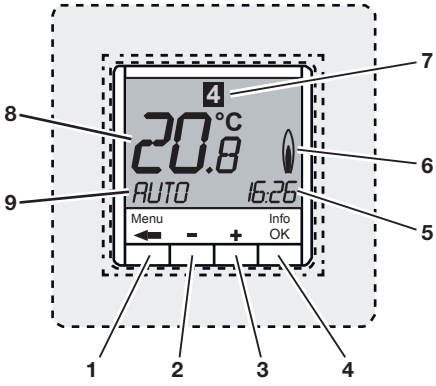
The terminal TA (temperature reduction) is activated via the neutral conductor N.

Specifications	Thermostat, NO contact, with central plate, for underfloor heating
Temperature range	10 to 50 °C
Rated voltage	230 V~, 50/60 Hz; 230 V=
Switching current	10 A cos φ =1 ohmic load
Breaking capacity	2.3 kW
Power consumption	0.14 W, with night lowering 0.28 W
Switch/one-pole	ON/OFF
Display LED	Heating on "red" / Night lowering on "green"
Contacts (relay)	1 NO contact (for heating) not potential-free
Temperature lowering	approx. 5 °C
Switching temperature difference	approx. 1 °C
Sensor element	NTC
Sensor lead	PVC 2 x 0.75 mm2
Cable length	4 m
Degree of protection	IP67 acc. to EN 60529
Order no.:	2034..

Thermostat, NO contact, with centre plate, time-controlled [Order no. 2044 ..]

The time-controlled thermostat enables weekday and time-dependent control of the room temperature in automatic mode. The current temperature value is determined via the internal sensor and compared with the setpoint value. When the temperature falls below the setpoint value, the heating system is activated.

An external sensor for measuring the floor and room temperature can also be connected.



(1) Push-button **Menu/**
(2) Push-button **-**
(3) Push-button **+**
(4) Push-button **Info/OK**
(5) Indication of current time/help texts
(6) Indication of heating mode
(7) Indication of weekday
(8) Indication of room or floor temperature
(9) Indication of function/ settings

Fig. 1: Overview of the operation and display elements

Product features

- Can be used as room thermostat, floor thermostat or room thermostat with limiter.
- For under floor heating, control using room and/or floor temperature possible
- Connection for external floor temperature sensor/remote sensor
- Switchover manual/automatic mode
- For heating or cooling mode
- Type of actuator (currentless closed/open) adjustable
- Control method: PWM (Pulse Width Modulation) or 2 point (On/Off)
- PWM cycle time and hysteresis (for two-point control) adjustable
- Indication of the room or setpoint temperature, switchable
- Manual temperature value adjustment
- 3 preset time/temperature programs, individually adjustable
- 3 blocks of days: Mon-Fri, Sat-Sun, Sun-Mon
- Max of 9 events per weekday adjustable
- Frost protection function
- Valve protection function (the output is activated daily for 3 minutes, can be switched off)
- Upper and lower floor temperature limiter for use as room thermostat with limiter, adjustable
- Holiday program with date activation
- At home function for temperature control regardless of weekday according to time and temperature specifications of the set program
- Self-learning heating curve, can be switched off
- Timer for changing the temperature by the hour
- Automatic summer-/winter time switching (can be switched off)
- Large, backlight LC display LC with text display
- Programmable with operating unit removed
- Access protection (disabling of thermostat by key combination)
- Operating hours counter or energy consumption display adjustable
- Operating languages are adjustable: German, English, Dutch or French

Time/temperature diagram

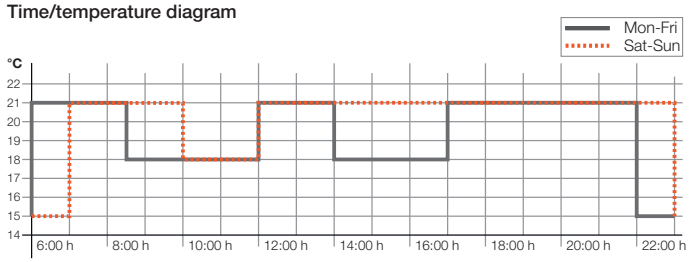


Fig. 2: Day profile programme 1

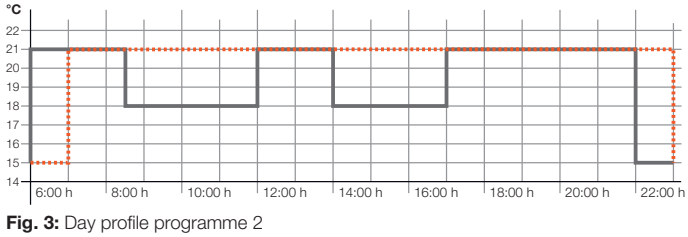


Fig. 3: Day profile programme 2

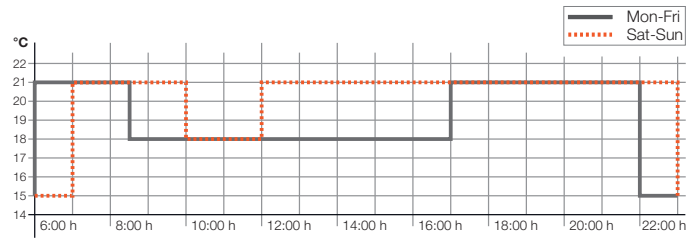


Fig. 4: Day profile programme 3

The last temperature setback always takes place at 22:00h in all preset day profiles.

Function Optimum Start

The device detects automatically when the heating cycle must start so that the setpoint temperature is reached at the set time (self-learning heating curve).

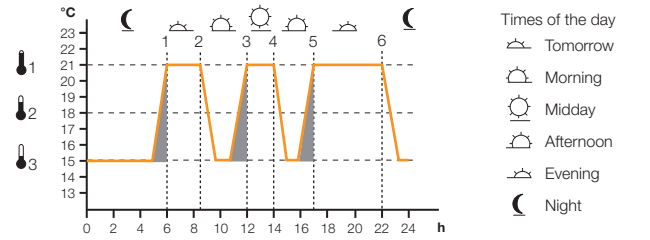


Fig. 5: Self-learning heating curve based on the example of the weekday profile of programme 1

Assembly and electrical connection

Extraneous heat affects the control accuracy.

- An inside wall opposite the heating source is the preferred installation location.
- Installation height approx. 1.5 m above the floor.
- Avoid installation on outside walls or draught from windows or doors.
- Controller not within shelving units or behind curtains and similar coverings. Install coverings (except with remote sensor).
- Avoid direct sunlight and do not install near televisions, radios and heaters, lamps, chimneys and heating pipes.
- When installing in a 3, 4 or 5gang frame, the distance between the thermostat time-controlled and a dimmer should be as big as possible. In the case of an arrangement one above the other, the controller should be below the dimmer.

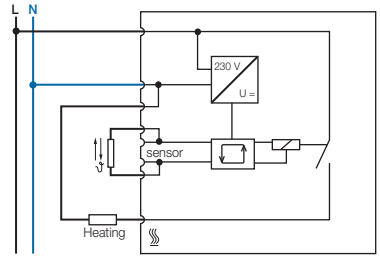


Fig. 6: Connection diagram for thermostat, NO contact, with centre plate, time-controlled

Installation of temperature sensor [Order no. 161]

- The temperature sensor for floor heating systems must be installed in an empty conduit between two heating conductors. If a temperature sensor is connected, the temperature measured there is displayed (for sensor values see floor temperature controller on page **i 909**).
- For controlling a room separated from thermostat the temperature sensor can be installed with a sensor insert order no. 7594 10 01 at an appropriate installation location.

Specifications	Thermostat; NO contact, with centre plate, time-controlled Order no. 2044 ..
Operating voltage	AC 230 V~
Rated frequency	50 Hz
Output	Relay NO contact, non-isolated
Switching current	10 mA ... 10 (4) A
Power consumption	approx. 1.2 Watt
Operating temperature	0 ... 40 °C (without condensation)
Storage temperature	-20 ... 70 °C (without condensation)
Protection class	IP30
Protection class	II
Temperature adjustment range in 0.5 °C increments	
Room thermostat (with limiter)	5 ... 30 °C
Floor temperature thermostat	10 ... 40 °C
Temperature display	in 0.1° C increments
Output signal	Pulse width modulation (PWM) or Two-point control (On/Off)
Minimum event	10 min
Time deviation	<4 min. per year
Power reserve via lithium battery (permanently installed)	approx. 10 years

RolloTec

Error on parallel switching of conventional tubular motors

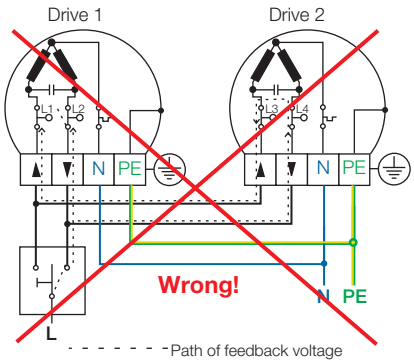


Figure 1: Parallel-switched conventional tubular motors

When the switch is actuated, both drives are switched to the same direction of running.
When drive 1 has reached the final position, the final position switch L2 opens. However, drive 2 may still be functioning and will use feedback voltage through its condenser to set drive 1 moving in the opposite direction so that L2 is shut again after a short time. This means that drive 1 will again run in the original direction until the contact L2 is reopened.

These switching operations can be seen as a pendulum motion of the hanging. As the feedback voltage may be up to 1000 V and many switching position changes happen in a very short time, limit switch E2 is overloaded. This will cause the contacts to weld together. This deactivates the final switch-off in this running direction and the motors are destroyed.

⚠ Overloading of the limit switches through parallel switching of conventional tubular motors. Motors or roller blinds may be destroyed. For joint control, use Berker cutoff relays or electronic tubular motors, such as those from Becker, Elero or Selve.

RolloTec cutoff relay

RolloTec cutoff relays are mounted in water-protected junction boxes or in wall boxes, flush-mounted, e.g. behind a blind plug or a RolloTec insert. RolloTec cutoff relays RMD are snapped onto the 35 mm DIN hat profile rail.
The following variants are available, depending on the desired operating concept

- RolloTec cutoff relay built-in/surface-mounted, order no. 2930 and RolloTec cutoff relay RMD, order no. 2931 for simultaneous movement of two motors using one control section.
- RolloTec cutoff relay built-in/surface-mounted, order no. 2969 and RolloTec cutoff relay RMD, order no. 2919 with extension unit output for simultaneous movement of two motors using one control section or separate operation of the individual motors.

⚠ Connect a maximum of 6-8 motors to one miniature circuit-breaker (note current consumption). Additional miniature circuit-breakers should be planned for extensions.

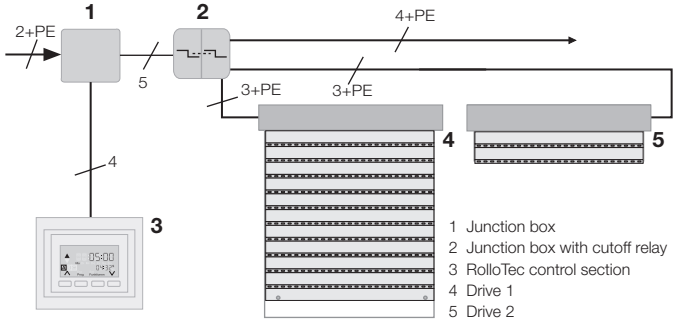


Figure 2: Installation plan for cutoff relay

RolloTec cutoff relay built-in/surface-mounted [2930, 2969]

Connection of motors with cutoff relay

N cable required at the terminal connection.

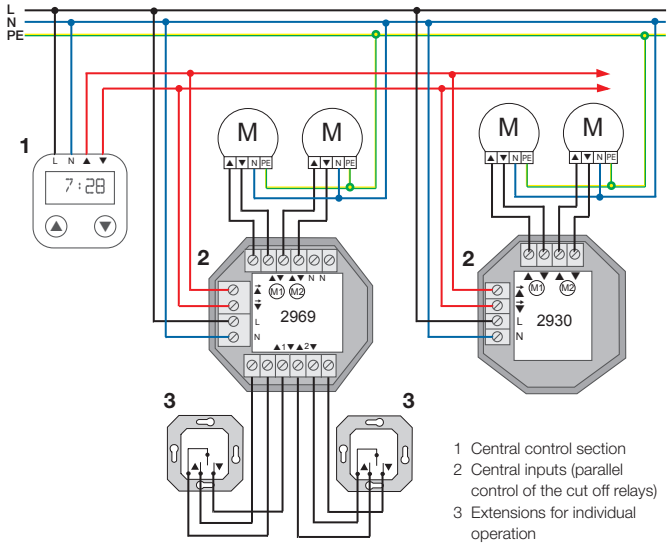


Figure 3: Connection diagram for RolloTec cutoff relay built-in/surface-mounted

RolloTec cutoff relay RMD [2931, 2919]

Connection of motors with cutoff relay RMD

N cable required at the terminal connection.

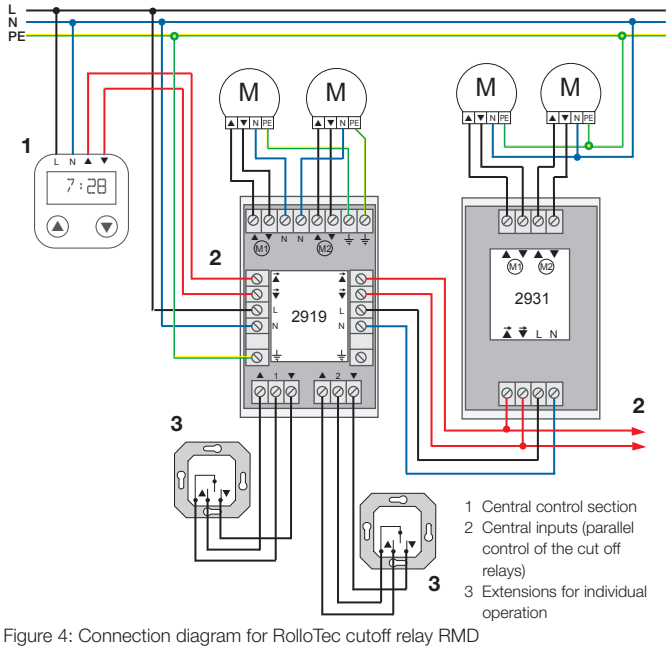
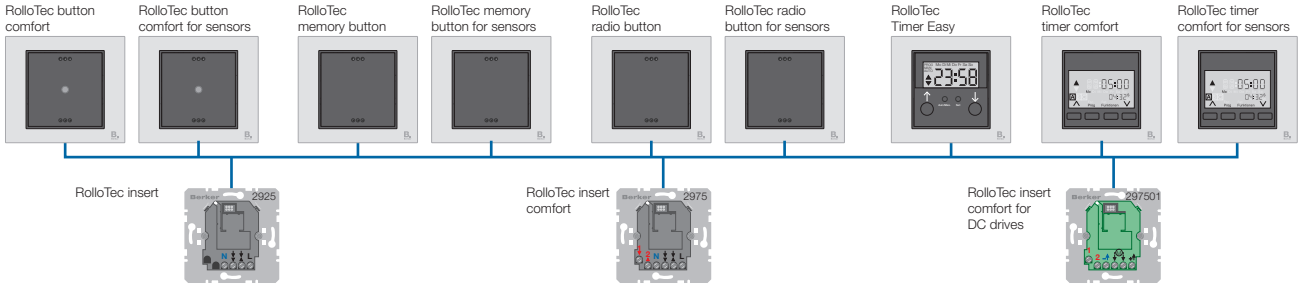


Figure 4: Connection diagram for RolloTec cutoff relay RMD

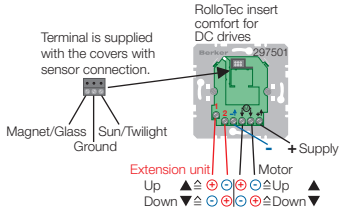
Technical data	RolloTec cutoff relay
Rated voltage	230 V~
Rated frequency	50/60 Hz
Control voltage	230 V~
Fuse	10 A
Circuit breaker	Characteristic A or B
Current consumption (operation)	approx. 10 mA
Switching current per output	
- ohmic	8 A
- inductive	3 A
Switch-on time	100 %
Change-over time for change of direction	min. 0.5 s
Operating temperature	0 ... 60 °C
Degree of protection	IP20
Small screw terminal connections	
- Single stranded	0.5 ... 2.5 mm²
- Finely stranded with conductor sleeves	0.5 ... 1.5 mm²
Large screw terminal connections (mains and master input, only flush-mounted device with extension units)	
- Single stranded	0.5 ... 4 mm²
- Finely stranded with conductor sleeves	0.5 ... 2.5 mm²
Dimensions (W × H × T)	
- Order no. 2930	50 × 52 × 22 mm
- Order no. 2969	53 × 50 × 25 mm
- Order no. 2919, 2931 (RMD)	45 × 71 × 42 mm
	2.5 modules
Assembling height as from DIN rail	
- Order no. 2919	39 mm
- Order no. 2931	38 mm

RolloTec combinations with 9 covers for 4 inserts

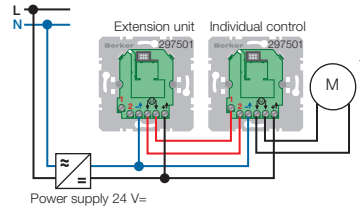


RolloTec insert comfort for DC drives

⚠ A 24 V= SELV power supply with protective isolation must be used to supply the RolloTec comfort insert for DC drives and to activate the extension unit inputs.

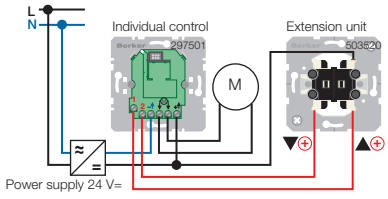


⚠ No connection to 230 V extension units.



⚠ A RolloTec insert extension unit can be supplied from a different power supply to the RolloTec insert main stations.

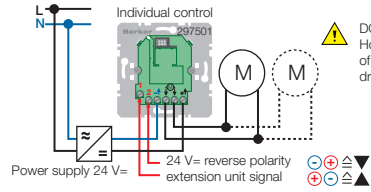
Individual control with RolloTec extension unit



⚠ A blind series switch extension unit must be supplied from **the same** power supply as the RolloTec insert.

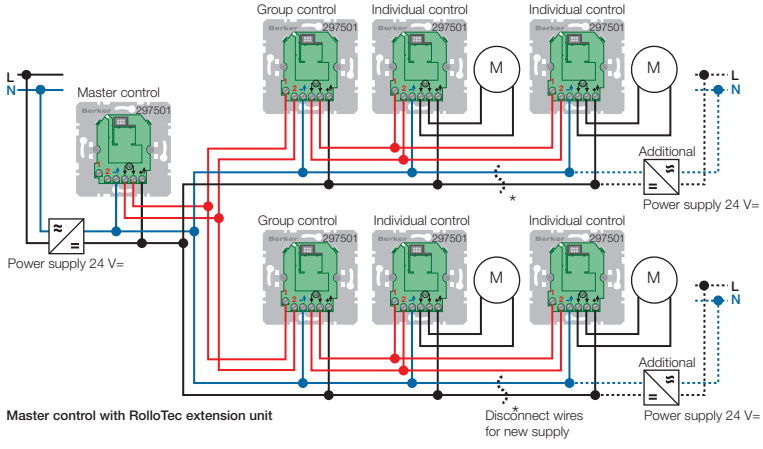
⚠ As long as an up command 1⊕ and 2⊖ is present at the extension unit input, the drive on the unit itself cannot be operated either manually or automatically.

Individual control with mechanical extension unit



⚠ DC motors may be connected in parallel. However the maximum switching current of the RolloTec insert comfort for DC drives of 3 A must not be exceeded.

Individual control



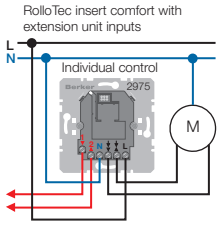
Master control with RolloTec extension unit

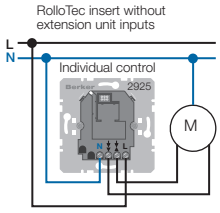
Technical data	RolloTec insert comfort for DC drives
Nominal voltage	24 V=, +/- 10% including ripple
Current consumption (idle) approx.	30 mA
Current consumption (operation) approx.	100 mA
Relay contacts	2 reverse polarity changeover relays
Switching current	max. 3 A
Reversing time	min. 1 sec.
Extension unit inputs	for 24 V= reverse polarity signals
Sensor cable length	with shielded cable extendable to max. 20 m
Terminals	Screw-type terminals for max. 2.5 mm^2 or 2 x 1.5 mm^2
Operating temperature	5 to 35 °C
Order no.:	297501

Individual control with RolloTec inserts

Extension unit connections also for external sensors e.g.: wind, precipitation, temperature, controller, etc.

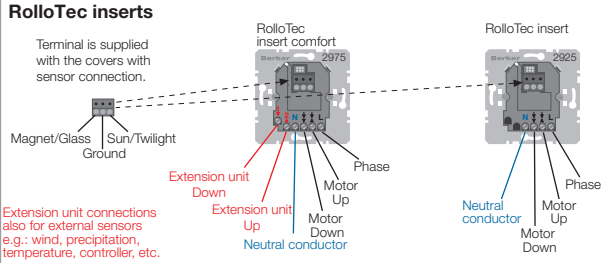
To extension units: e.g.
- blind key switch
- blind series push-button
- group series push-button with 4 NO contacts etc.





RolloTec inserts

Terminal is supplied with the covers with sensor connection.

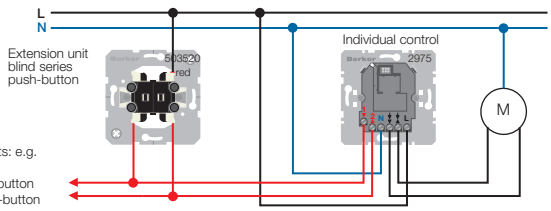


Extension unit connections also for external sensors e.g.: wind, precipitation, temperature, controller, etc.

Technical data	RolloTec insert and RolloTec insert comfort
Nominal voltage	230 V~, 50/60 Hz, N conductor required
Switching capacity	max. 1 motor 1000 W
Relay output	2 potential carrying NOC (mutually interlocked)
Extension unit inputs (comfort insert only)	230 V~ (do not lay low current line)
Reversing time	min. 1 sec.
Circuit breaker	max. 16 A
Radio interference suppression	according to EN 55015
Terminals	Screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²
Operating temperature	5 to 35 °C
Order No.:	2925, 2975

Individual control with RolloTec insert comfort and extension unit

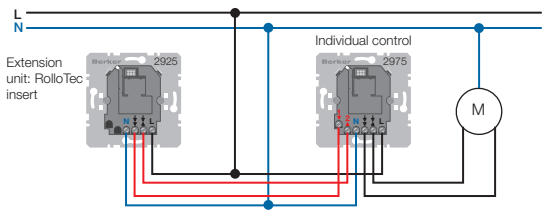
Function: RolloTec insert comfort does go to self-retaining series push-button must be pressed until hanging is at final position.



Other extension units: e.g.
- blind key switch
- blind series push-button
- group series push-button with 4 NO contacts etc.

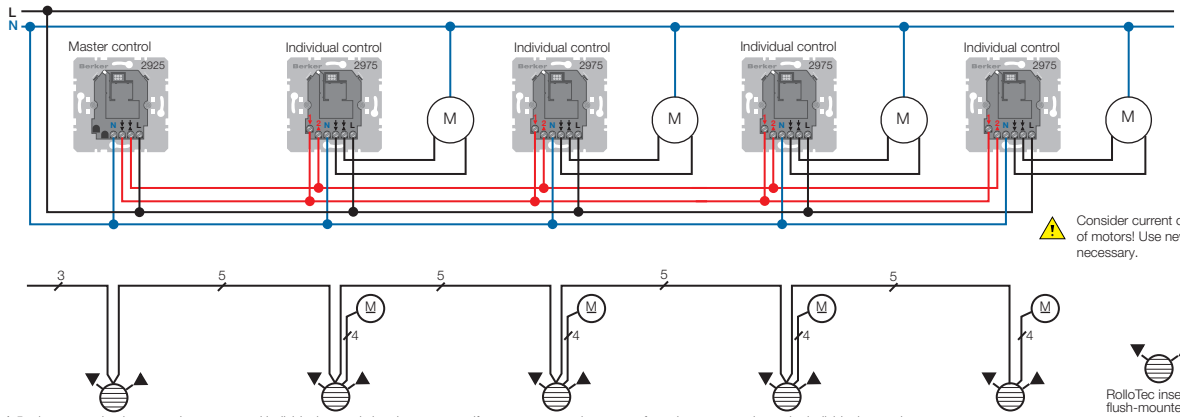
Operation with extension unit

Function: RolloTec insert goest to self-retaining at each point if pressed for more than 1 sec., blind moves automatically to final position.



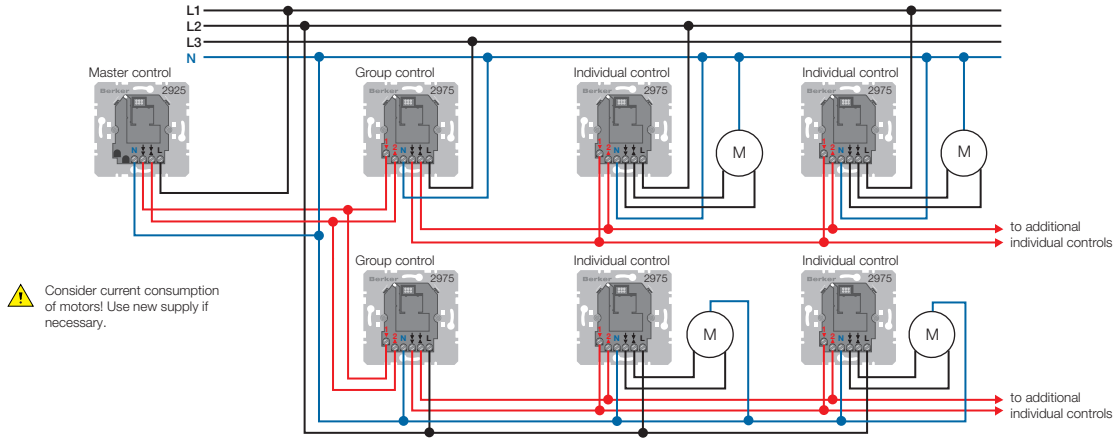
Operation with extension unit

RolloTec inserts: Master control and individual control in one phase

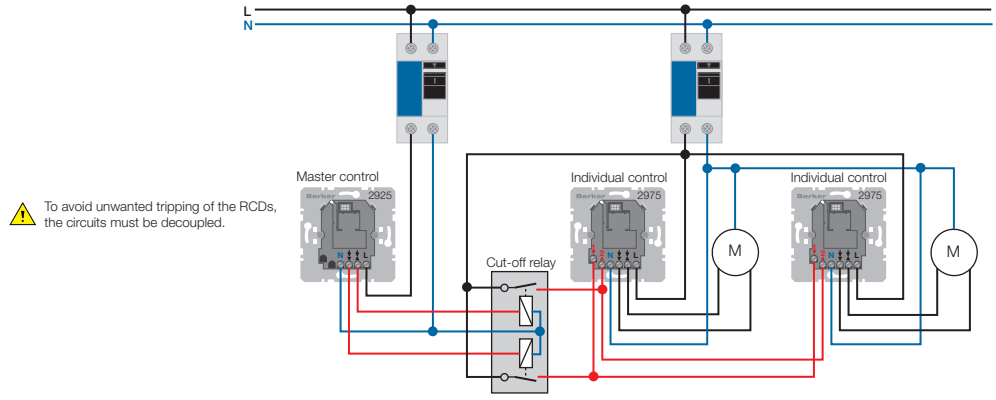


A 5-wire connection between the master and individual controls is adequate even if sensor commands are sent from the master point to the individual controls.
The motor reverse voltage means that no motor can be connected to the master control!

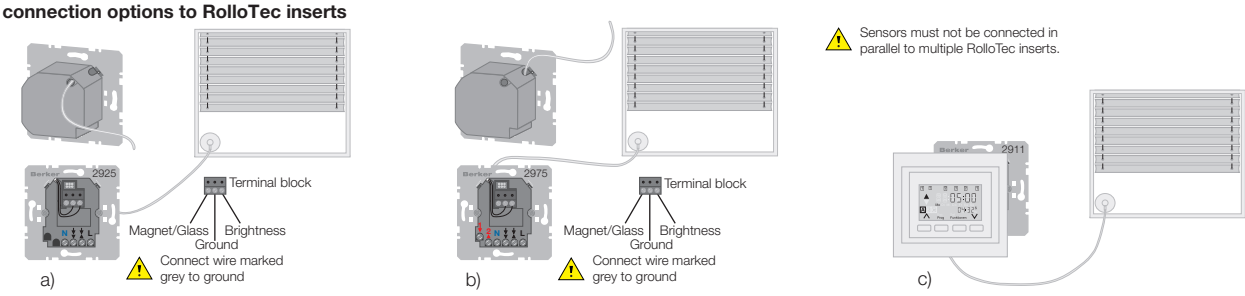
RolloTec inserts: Master and group control in different phases



RolloTec inserts: operation at several RCD switches



Sensor connection options to RolloTec inserts



Various options are available for connecting the sensors (brightness sensor/magnetic contact/glass breakage sensor):

a) The sensor cable can be routed easily from the wall box, flush-mounted through the tunnel in the RolloTec insert as far as the terminal block and securely connected.
b) The sensor cable can be fed through the cable duct between the base plate and the flush-mounted wall box and fixed to the terminal block.
c) For mounting, the sensor cable connector can be plugged into the lower sensor connection. This connection can be detached without any effort at any time in order to prevent unwanted lowering (e.g. of balcony door roller shutters) (not with magnetic contact).

Sun protection function: with brightness sensor order no. 169
If the sunlight value (20 000 Lux or programmable - see technical data) is exceeded by 2 minutes, the hanging automatically moves down until the sensor is concealed; then moves up a little until the sensor is exposed once more. If the brightness remains below the preset level for 15 minutes, the hanging is raised again.
The sun protection function is only activated when the hanging has been moved to its end position by a continuous run operation. To attach, clean the glass with meths or similar, and the sensor with washing up liquid. Rinse the sensor in clean water and affix it to the window glass.

Twilight function:
The twilight function (only with timer) is activated approx. 90 minutes before sunset (see astronomical curve).
The hanging is lowered about 5 minutes after the brightness has fallen below the programmed level.

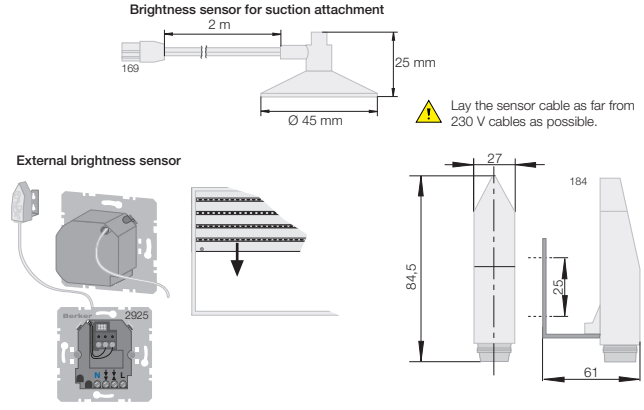
Technical data	RolloTec brightness sensor surface-mounted
Maximum sensitivity of diode	at λ approx. 850 nm
Sunlight brightness values	
Push-button comfort with radio button for sensors	approx. 5000 to 80 000 Lux, prog.
Memory button with sensor connection	approx 20 000 Lux, fixed
Timer with sensor connection	approx. 1000 to 76 000 Lux, programmable
Twilight brightness values (only timer 1775..)	approx. 6 to 300 Lux, programmable
Temperature range	-30 to 70 °C
Degree of protection	IP54
Cable length	2 m, extendable to approx. 10 m with telephone cable J-Y(ST)Y 2 x 2 x 0.6 mm, connect shield to ground!
Order No.:	169

RolloTec glass breakage sensor

The glass breakage sensor is affixed to the window pane. If the glass is broken, the roller shutter is automatically lowered, thereby protecting the property from the weather and from unauthorised intrusion. The roller shutter remains closed until an Up command is sent from the associated control mounting. Master commands are not executed, and brightness values are not processed. Attachment: clean the surface of the glass with spirit or methyl alcohol etc., and affix the sensor to the window pane with special LOCTITE adhesive (see operating instructions)

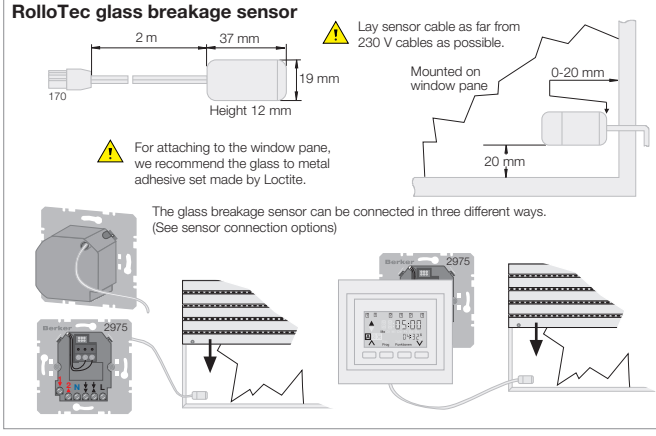
Technical data	RolloTec glass breakage sensor
Contact	1pole NCC contact
Switching capacity	max. 350 mW
Action radius	2 metres
Contact resistance No load	max. 30 Ohm
Alarm condition	min. 1 MOhm
Alarm duration	approx. 0.5 - 5 sec.
Connection cable	LIYY 2 x 0.14 mm²
Temperature range	-30 to 70 °C
Degree of protection	IP66
Max. number	10 units (in series)
Cable length	2 m, extendable to approx. 10 m with telephone cable J-Y(ST)Y 2 x 2 x 0.6 mm, connect shield to ground.
Order No.:	170

RolloTec brightness sensors



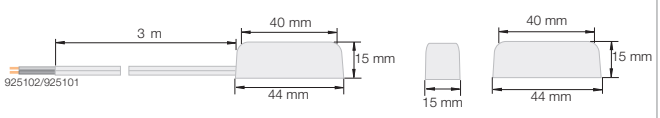
By connecting the RolloTec brightness sensors surface-mounted to the RolloTec insert the sun protection function can be implemented. If the preset Lux value is exceeded, the hanging is lowered such that slits of light still come through the roller shutter.

RolloTec glass breakage sensor

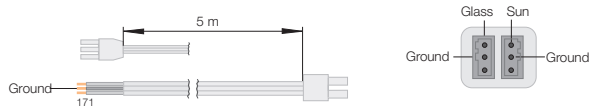


Technical data	Magnetic contact Order no. 925101/02
Contact	1pole NCC contact
Number of wires	2
Operating distance	5 to 12 mm
Switching voltage	Max. 40 V=
Switching capacity	max. 10 W
Switching current	max. 0.5 A
Index of protection	IP67
	925102/925101

Magnetic contact

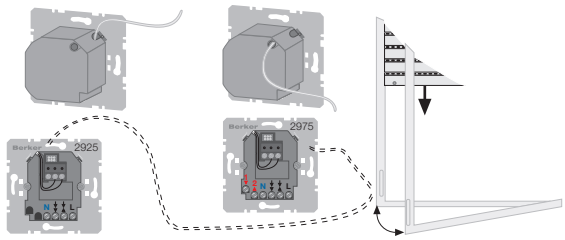


RolloTec adapter for sensor



When the window is opened the roller shutter is closed. An up command on the associated individual control is the only way to move the roller shutter back up. Effective break-in protection is achieved by series connection of magnet contacts and glass breakage sensors.

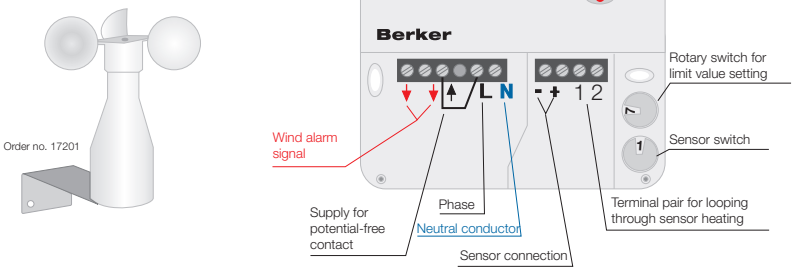
Magnetic contact connection



The adapter serves as an extension and to connect the connecting cables for a brightness sensor and a glass breakage sensor.

Technical data	RolloTec adapter for sensors Order no. 171
Number of sensors on connector	Max. 1 brightness sensor and max. 1 glass breakage sensor

RolloTec interface surface-mounted for wind sensor



RolloTec interface surface-mounted for wind sensor
Sensor switch for type setting:
1 = Berker / order no.: 172 (obsolete type)
2 = Berker / order no.: 17201 and
Thies / article no.: 4.3515.50.000 (heated)

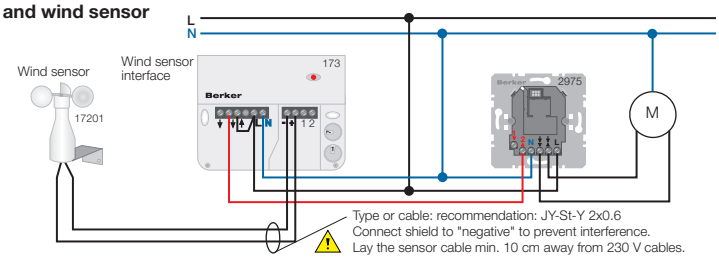
The rotary switch sets the limit value:

Position of rotary switch	wind speed
1	Test
2	Test
3	3 Bft - approx. 3.3 m/s - 12 km/h
4	4 Bft - approx. 5.5 m/s - 20 km/h
5	5 Bft - approx. 8.0 m/s - 29 km/h
6	6 Bft - approx. 11.0 m/s - 40 km/h
7	7 Bft - approx. 14.1 m/s - 51 km/h
8	8 Bft - approx. 17.2 m/s - 62 km/h
9	9 Bft - approx. 20.8 m/s - 75 km/h
0	10 Bft - approx. 24.5 m/s - 88 km/h

Bft = Beaufort scale

Function test:
Select rotary switch position 1 or 2 (test), start the wind sensor in rotation, the LED will flash. After 15 seconds continuous rotation (e.g. with a hair dryer) the contact will close.

RolloTec insert comfort with RolloTec interface surface-mounted for wind sensor and wind sensor

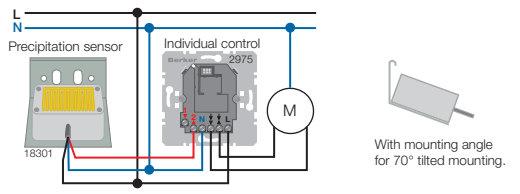


- Do not mount the RolloTec wind sensor in wind shadow.
- Ensure correct attachment position
- The wind controller is weather-resistant and can be exposed to constant direct sunlight.

The wind alarm has the top priority, i.e. the hanging is always raised and locked in the event of a wind alarm until the wind has dropped for at least 15 minutes.

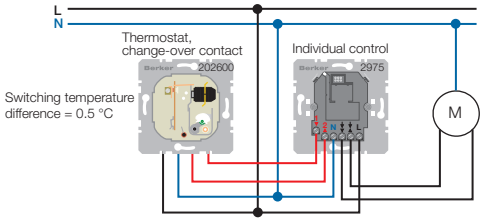
Response time: Hanging is raised after 15 sec. above set value.

RolloTec insert comfort with RolloTec precipitation sensor



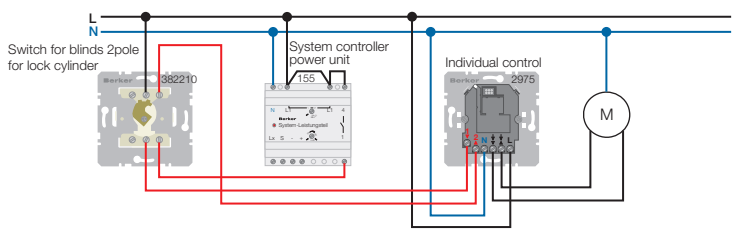
By connecting a precipitation sensor to extension unit input 2 ▲ in the event of precipitation the hanging (e.g. an awning) is retracted and locked shut until the precipitation stops (after approx. 2 minutes the moisture on the heated precipitation sensor has evaporated and it is unlocked).

RolloTec insert comfort

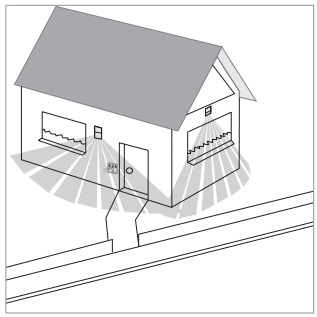


By connecting a thermostat with change-over contact to the extension unit inputs, the hanging is raised or lowered depending on the temperature (e.g. in a winter garden). Use only extension unit input 1 ▼ or 2 ▲ as desired.

RolloTec in combination with blind key switch and controller/system controller



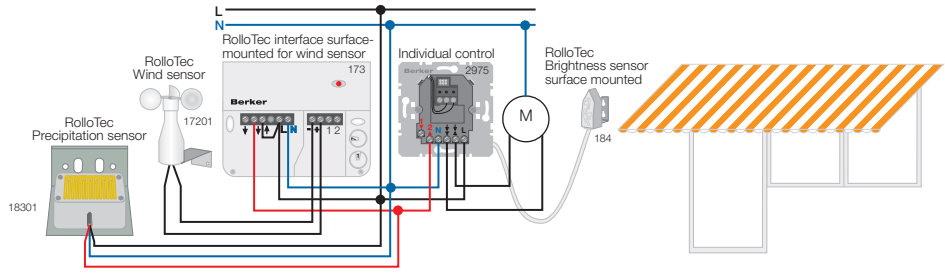
The blind activates the controller/system controller, causing the shutters to be closed in the event of any unauthorised approach to the building. On arrival of the occupants, the roller shutters are raised by operating the blind switch. A RolloTec timer can be used as a master control, automatically raising the roller shutters every morning while the occupants are away.



Awning control with RolloTec wind/brightness and precipitation sensor

Function: When the preset brightness is exceeded the hanging is lowered. In the event of precipitation and/or excessive wind, the hanging is retracted and locked until the precipitation stops and/or the wind drops.

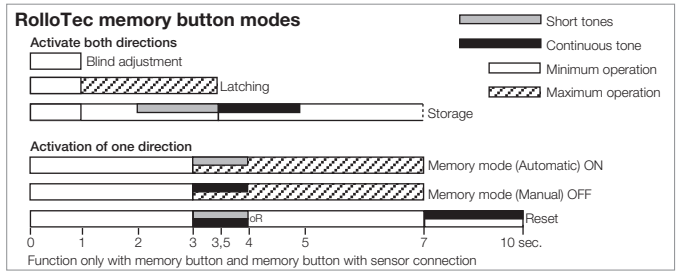
Priority: Wind and rain before manual and brightness sensor command.



RolloTec memory button [Order no. 1756.., 1757..]

The memory button contains two functions: push-button mode and automatic memory mode. Simply pressing the push-button (up/down) raises or lowers the hanging.
An up and/or down command can be taught-in and updated at any time by new ones. These commands are then executed automatically at the same time every day in memory mode.
When a manual action is performed in memory mode a short beep sounds indicating the set mode. (For settings see adjacent diagram)

Technical data	RolloTec memory button
Switching times	max. 2 (1 up and 1 down time)
Connection	Plug into RolloTec insert
Order No.:	1756.., 1757.. (for sensors)



RolloTec Easy timer with display [Order no. 1762..]

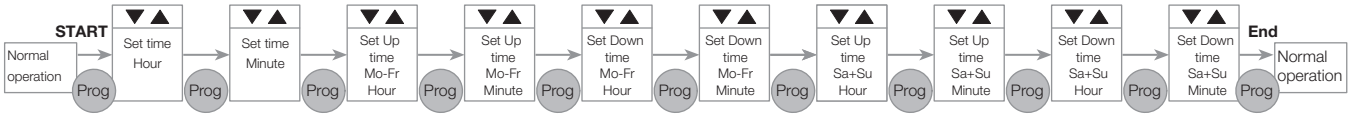
The RolloTec Easy timer can be viewed as a simple individual or master control for roller shutters, blinds or awnings. The timer can be programmed for one up time and one down time, for Monday to Friday and Saturday to Sunday respectively. The Easy timer can be programmed for a period of 6 hours after removal from the RolloTec insert. Manual operation is possible at any time, of course.
The Easy timer does not process any extension and sensor signals or master commands.

The RolloTec Easy timer comprises two modes:
Automatic: The programmed up/down time is executed automatically.
Manual: In this mode, the up/down time is ignored and operation is only possible manually using the up/down buttons.

If a time of movement of 00:00 is set during programming, it is not executed. This means, for example, that by programming 7:00 ▲ and 00:00 ▼, the shutter is only raised in the morning. The shutter may then be lowered manually in the evening.

Quick programming permits the up and/or down times to be entered speedily and efficiently. This makes programming the switching times even easier.
Press and hold down button ▲ and Prog simultaneously. The current time is stored as the up time for the current part of the week (Mo-Fr or Sa+Su, whichever is the case). If the button ▼ and the Prog. button are pressed simultaneously, the same is set for the down time.

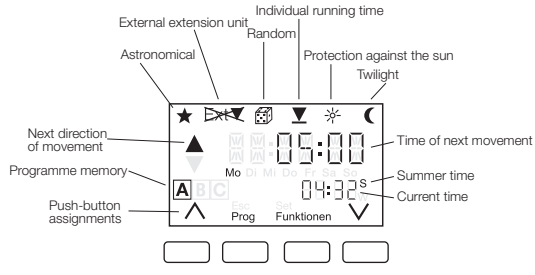
Programming
RolloTec Easy timer



Product details of the RolloTec timer comfort [Order no. 1774.., 1775..]

- Operation via 4 buttons
- Display the next time of movement with all active functions and the current time
- 3 programme memories A, B and C for up to 18 times of movement
- Factory preset programmed times of movement in 2 programme memories (A, B)
- Random function (programmed times of movement are displaced by up to ± 15 min.)
- Astronomical function (enables an automatic upwards movement of the shutter at daybreak and downwards movement at nightfall
- Adjusting the astronomical function by shifting the astronomical time ± hours.
- Random and astro function can be combined
- Automatic summer / winter time changeover (can be switched off)
- Individual motor running time adjustable 1 sec. to 6 min.
- Slat positioning time adjustable 0.1 to 5 sec.
- Evaluation of extension units the down direction can be switched off (protection against being locked out)
- Power reserve approx. 4 hrs.
- Programmed times of movement saved in non-volatile memory. Date and time remain saved for about 4 hours maintenance-free due to use of special capacitor.
- Wind alarm connected via extension unit (only with the RolloTec insert with extension unit function)

RolloTec timer comfort display



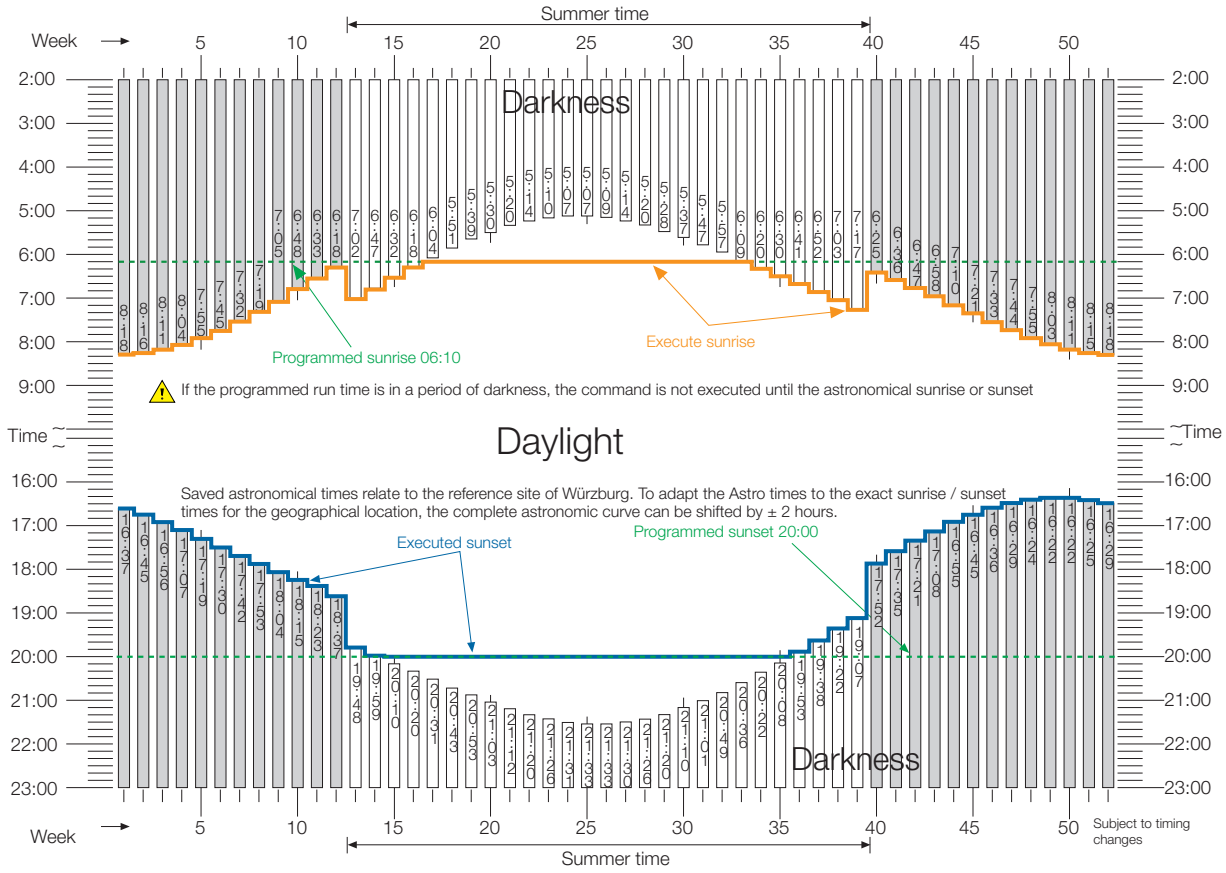
Additional product details of the RolloTec timer comfort for sensors

- Sunlight protection function (evaluates external and internal sensors)
- Separate running time adjustment when using external sensor
- Twilight function (twilight-related lowering of shutters in connection with brightness sensors, dawn-related raising of shutters only in connection with surface-mounted brightness sensor)
- Glass breakage function

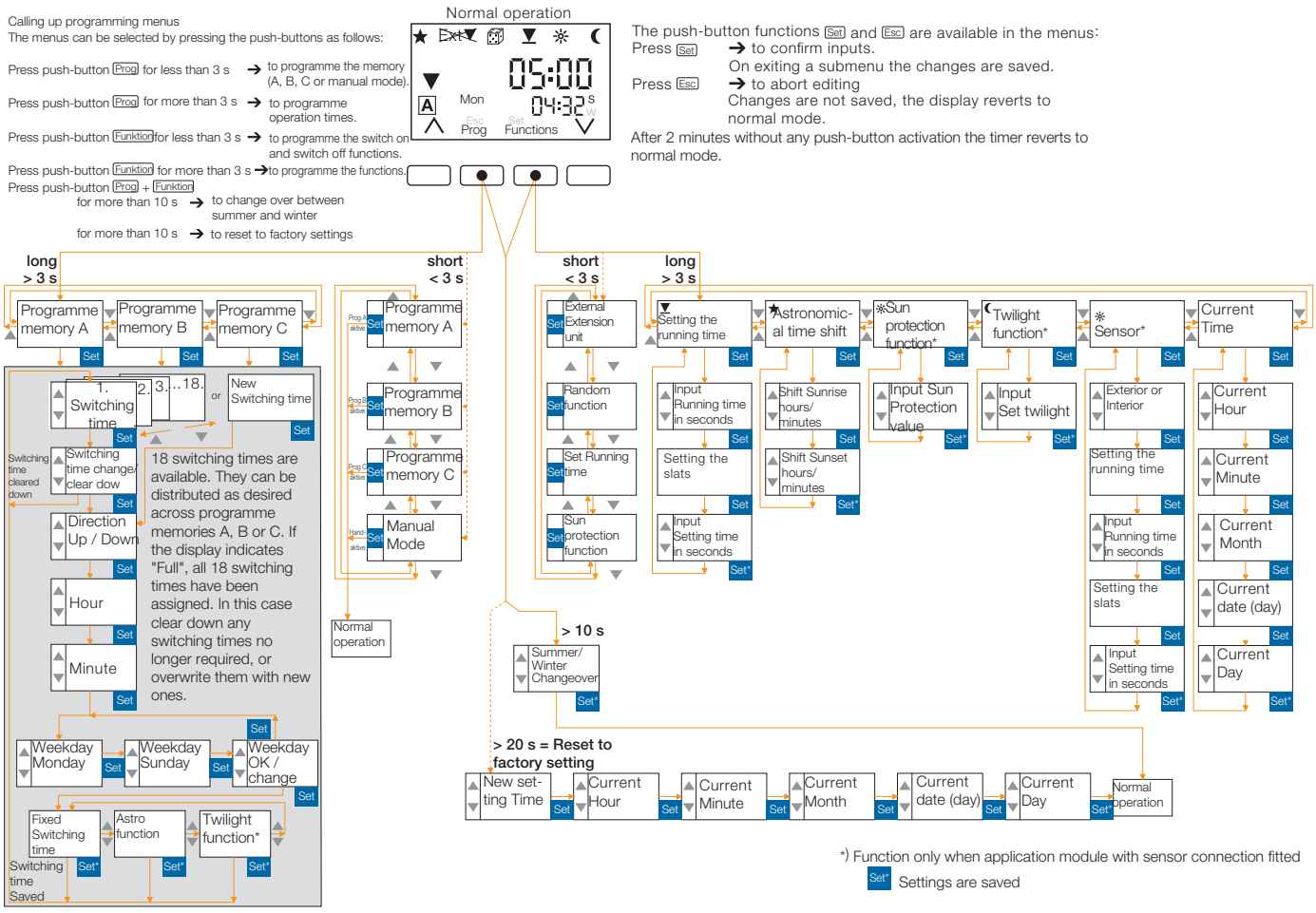
Technical data	RolloTec timer comfort
Reversing time	min. 1 sec.
Running accuracy	± 1 min. per month
Power reserve	approx. 4 hrs. (no battery required)
Switching times	max. 18 (in 3 programme memories)
Random generator	± 15 minutes
Astro programme	Adjustable by ± 2 hrs.
Running time programmable	1 sec. to 6 min. (default 2 min.)
Connection	Plug into RolloTec insert
Operating temperature	0 to 45 °C
Order No.:	1774.., 1775.. (for sensors)

⚠ When a glass breakage sensor or combination of glass breakage sensor and sun sensor is fitted, a reduction in the power reserve should be expected.

Astronomic curve for RolloTec timer comfort with adjustment for summer and winter time



Programming the RolloTec timer comfort



Berker.Net – The System Concept

Networking in the system environments

The Berker.Net flush-mounted inserts can be used equally for non-networked as well as for radio networkable modules. They are connected to the loads to be controlled by cable and form a functional unit with the cover.

With the conventional electronic modules the directly connected loads (lighting or shading) can be controlled with a wide range of functions. This takes place on the application module by means of local operation (buttons) or triggered/preset automatic functions (motion detectors, time switches) as well as by wired extension units. The extension units are particularly suitable for implementing several control sections for a load to be controlled.

KNX radio application modules are available for cable connected solutions or for retrofitting/extending existing installations. They communicate with each other as transmitters and receivers via radio signals. The easiest way of teaching transmitters and receivers is via the quicklink principle whereby the devices are switched to the programming mode by pressing a button and the transmitters are also taught by pressing function buttons for the receivers. The modules with the combinations of plug-in KNX radio modules can work bidirectionally as receivers of radio signals for the directly connected load and can equally serve as transmitters that can control other receivers with additional connected loads.

Teaching by means of quicklink has been conceived for smaller applications so that a maximum of 20 devices should be assigned to each other in these systems.

In the configuration of the KNX radio solutions with ETS software, operation can be transferred even to a wired KNX installation and vice versa by means of a gateway, furthermore other functions are available.

The solution offer is supplemented by KNX radio standalone devices that can also be linked as transmitters (hand-held transmitters, wall-transmitters, motion detectors or physical sensors) or as receivers (surface-mounted or flush-mounted actuators) to the KNX modules on the flush-mounted inserts by quicklink or by ETS commissioning.

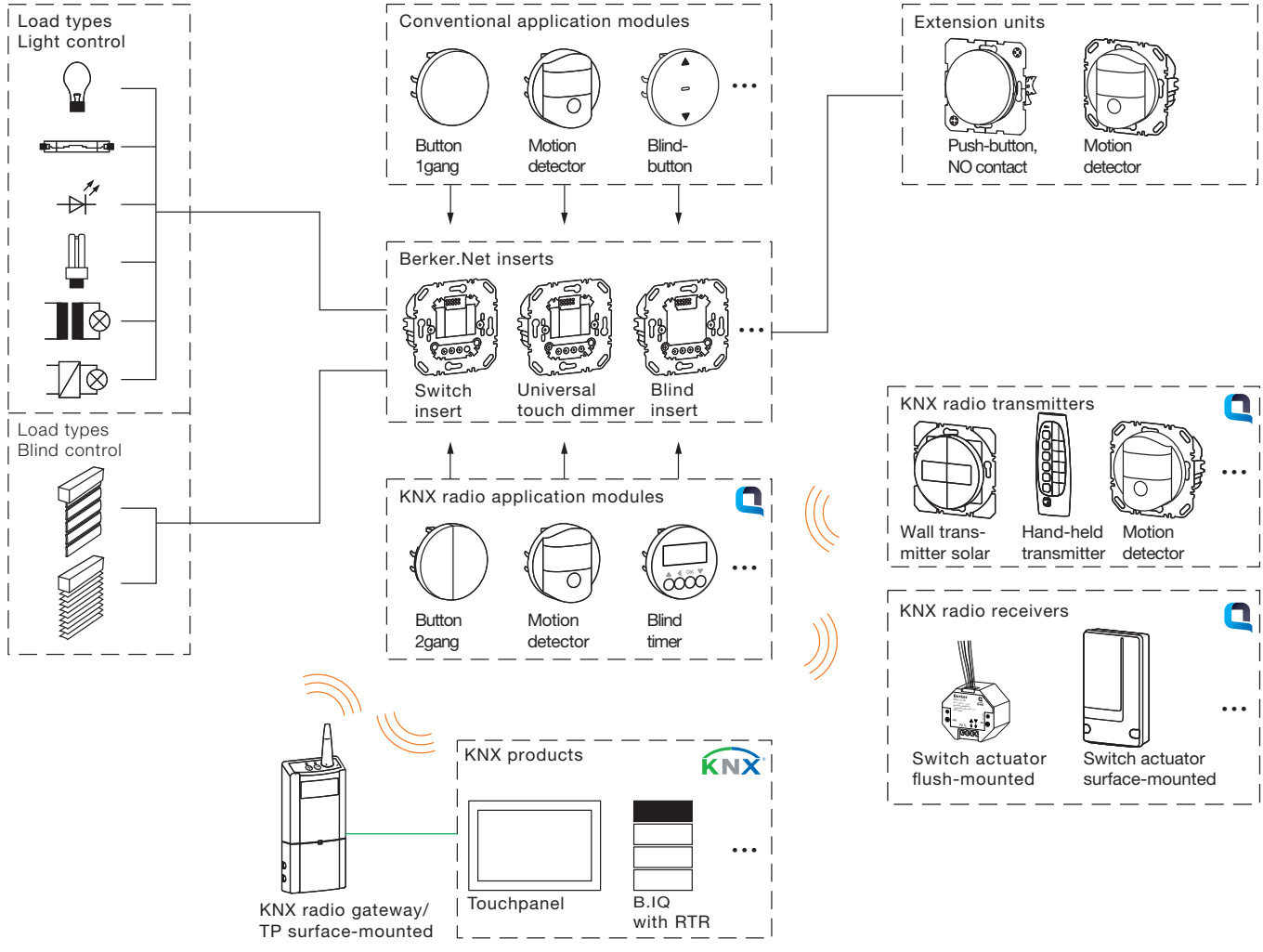


Bild 1: Universal system compatibility for almost all types of loads

Berker.Net inserts

Technical data

Berker.Net switch inserts	
Operating voltage	230 V~, + 10 %/- 15 %
Frequency	50/60 Hz
Number of substations:	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Relative humidity	0 ... 65 % (no condensation)
Operating temperature	- 5 ... + 45 °C observe operating conditions
Screw terminals	max. 1 x 2.5 / 2 x 1.5 mm²

- Illuminated mechanical push-buttons must be connected to an N cable.
- Operation of extension units is only possible if a module is attached to the main unit.
- Conventional transformers should be operated with at least 25 % nominal load. Nonetheless, 75 % is recommended because in individual cases, depending on the transformer, unstable switching performance may occur.
- During operation with conventional transformers, fuse each transformer on the primary side according to manufacturer's data. Use safety transformers that comply with EN 61558-2-6 (VDE 0570 Part 2-6) only.
- No mixed load operation of capacitive and inductive loads at the output.

Switch inserts

Switch insert 1gang [order no. 8512 11 00]

Suitable modules: Button 1gang, motion detector, IR motion detector Comfort, KNX radio button 1gang and 4gang as well as KNX radio motion detector

- Extension units for motion detectors can only be used if the switch insert is operated with a motion detector module.
- Only connect dimmable lamps, their transformers or operating devices. Observe manufacturer's data.
- The switching performance for the connection of different loads or energy-saving lamps and 230 V LED lamps can only be optimized by means of a load setting mode.
- Install a circuit breaker of max. 16 A as device protection.

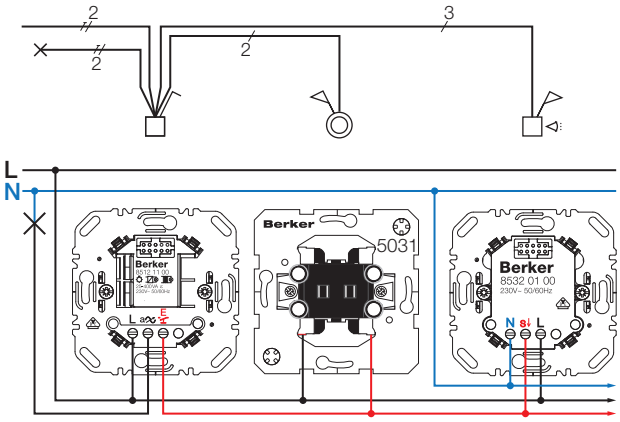


Bild 1: Switch insert with push-button (NO contact), and motion detector extension unit

Technical data

Switch insert 1gang	Order no. 8512 11 00
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Insertion depth	32 mm

Relay insert [order no. 8512 12 00]

Suitable application modules: Button 1gang, motion detector, IR motion detector Comfort, KNX radio timer, KNX radio button 1gang and 4gang as well as KNX radio motion detector

- Extension units for motion detectors can only be used if the switch insert is operated with a motion detector module.
- Install a miniature circuit breaker of max. 10 A as device protection.

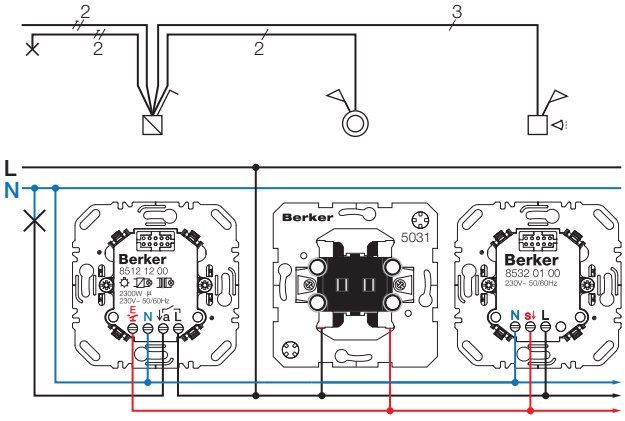


Bild 2: Relay insert with push-button (NO contact), and extension unit for motion detector

Technical data

Relay insert	Order no. 8512 12 00
230 V incandescent lamps and halogen lamps	2300 W
230 V retrofit LED lamps	440 W
Dimmable energy-saving lamps	440 W
Dimmable conventional transformers	1500 VA
Electronic transformers and dual-mode transformers	1500 W
Fluorescent lamps:	
– uncompensated	1100 VA
– parallel compensated	1000 W / 130 µF
– in lead-lag circuit	1000 W
– with electronic ballast	1000 W
Minimum contact load	≈ 15 W
Housing installation depth	22 mm
Claw guidance installation depth	32 mm

Switch insert 2gang [Order number 8512 22 00]

Suitable application modules: Button 2gang and KNX radio button 2gang and 4gang

- Installation in deep wall box recommended.
- Only connect dimmable lamps, their transformers or operating devices. Observe manufacturer's data.
- The switching performance for the connection of different loads or energy-saving lamps and 230 V LED lamps can only be optimized by means of a load setting mode.
- Install a circuit breaker of max. 16 A as device protection.
- For power supply, a load must be connected to output 1 of the switch insert 2gang.
- Extension units for motion detectors are not suitable for the switch insert 2gang.
- Operating both outputs on a joint load will destroy the device.

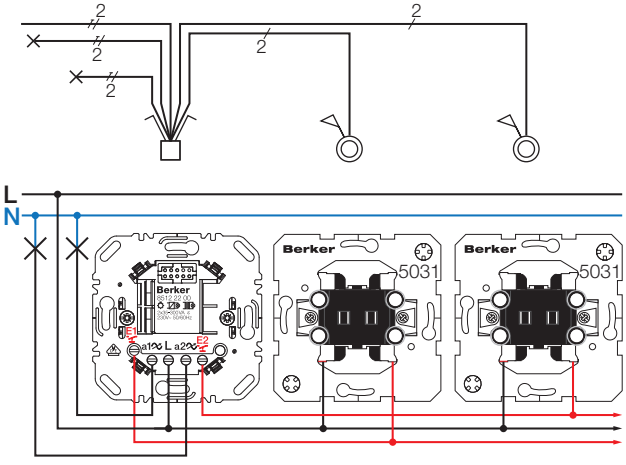


Bild 3: Switch insert 2gang with extension unit push-button (NO contact)

Technical data

Switch insert 2gang	Order no. 8512 22 00
230 V incandescent lamps and halogen lamps	per channel 35 ... 300 W
Dimmable 230 V retrofit LED lamps	per channel 12 ... 54 W
Dimmable energy-saving lamps	per channel 15 ... 54 W
Dimmable conventional transformers	per channel 35 ... 300 VA
Electronic transformers and dual-mode transformers	per channel 35 ... 300 W
Insertion depth	32 mm

Dimmer inserts

Only connect dimmable lamps, their transformers or operating devices. Observe manufacturer's data.

Install a circuit breaker of max. 16 A as device protection.

Touch dimmer (R, L) [order no. 8542 11 00]

Suitable modules: Button 1gang, motion detector, IR motion detector Comfort, KNX radio button 1gang and 4gang as well as KNX radio motion detector

Extension units for motion detectors can only be used when the touch dimmer is operated with a motion detector application module.

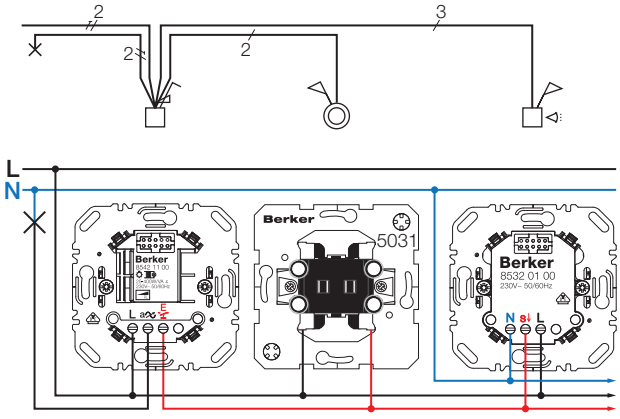


Bild 4: Touch dimmer (R, L) with push-button (NO contact) and extension unit for motion detector

Technical data

Touch dimmer (R, L)	Order no. 8542 11 00
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Number of universal capacity enhancers	max. 2
Insertion depth	32 mm

Universal touch dimmer, 1gang, [order no. 8542 12 00]

Suitable modules: Button 1gang, motion detector, IR motion detector Comfort, KNX radio button 1gang and 4gang as well as KNX radio motion detector

Extension units for motion detectors can only be used when the touch dimmer is operated with a motion detector application module.

When a load is connected, this is detected automatically and a suitable dimming performance is set. If different loads or energy-saving lamps and 230 V LED lamps are connected, the dimming performance can be further optimized by means of a load setting mode.

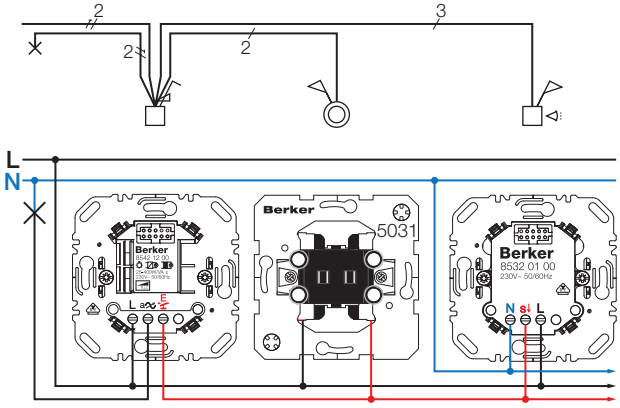


Bild 5: Universal touch dimmer 1gang with push-button (NO contact) and extension unit for motion detector

Technical data

Universal touch dimmer 1gang	Order no. 8542 12 00
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Insertion depth	32 mm

Universal touch dimmer, 2gang [order no. 8542 21 00]

Suitable application modules: Button 2gang and KNX radio button 2gang and 4gang

Installation in deep wall box recommended.

Install a circuit breaker of max. 16 A as device protection.

When a load is connected, this is detected automatically and a suitable dimming performance is set. If different loads or energy-saving lamps and 230 V LED lamps are connected, the dimming performance can be further optimized by means of a load setting mode.

For power supply, a load must be connected to output 1 of the touch dimmer 2gang.

Extension units for motion detectors are not suitable for the switch insert 2gang.

Operating both outputs on a joint load will destroy the device.

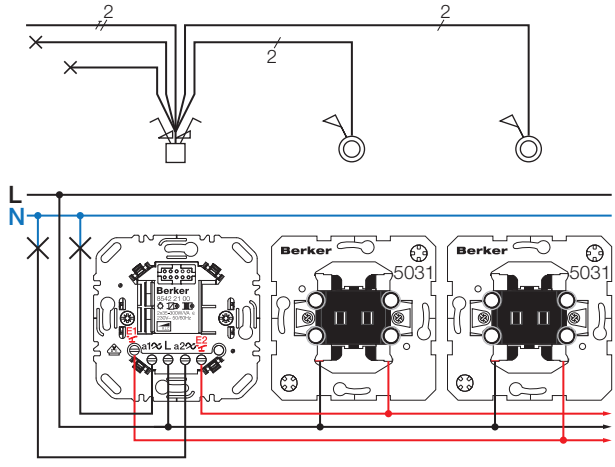


Bild 6: Universal touch dimmer 2gang with extension unit push-button (NO contact)

Technical data

Universal touch dimmer 2gang	Order no. 8542 21 00
Power consumption (standby)	< 0.3 W channel 1 < 0.7 W channel 2
230 V incandescent lamps and halogen lamps	per channel 35 ... 300 W
Dimmable 230 V retrofit LED lamps	per channel 12 ... 40 W
Dimmable energy-saving lamps	per channel 15 ... 54 W
Dimmable conventional transformers	per channel 35 ... 300 VA
Electronic transformers and dual-mode transformers	per channel 35 ... 300 W
Insertion depth	32 mm

Blind insert comfort [order no. 8522 11 00]

Suitable application modules shutter button, shutter timer, KNX radio shutter button and KNX radio timer

Install a circuit breaker of max. 16 A as device protection.

Technical data

Blind insert comfort	Order no. 8522 11 00
Operating voltage	230 V~, + 10 %/- 15 %
Frequency	50/60 Hz
Switching current (cos φ 0.6)	3 A
Change-over time for change of direction	0.6 s
Number of substations:	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Relative humidity	0 ... 65 % (no condensation)
Operating temperature	- 5 ... + 45 °C
Housing installation depth	22 mm
Claw guidance installation depth	32 mm
Screw terminals	max. 1 x 2.5 / 2 x 1.5 mm²

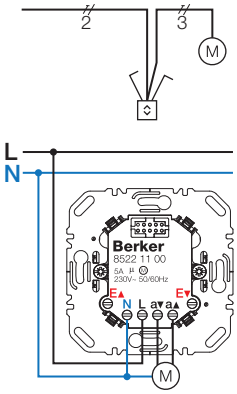


Bild 7: Single control

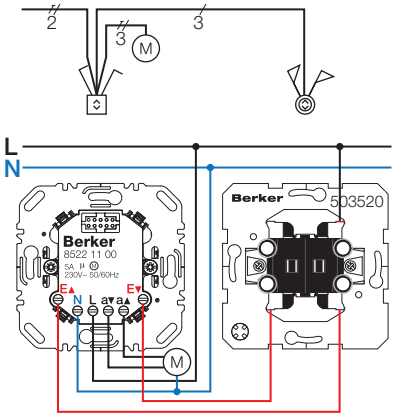


Bild 8: Individual control with key push-button for blind series push-button

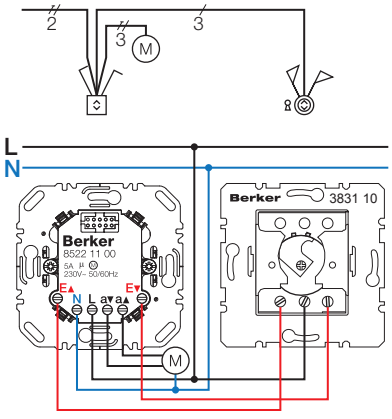


Bild 9: Individual control with extension unit push-button for blinds 1pole for lock cylinder

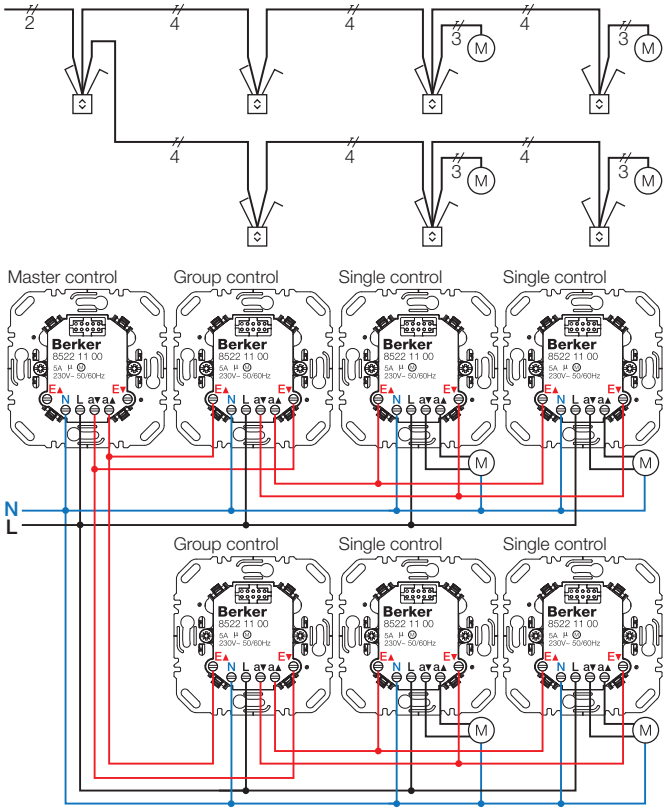


Bild 10: Master and group control

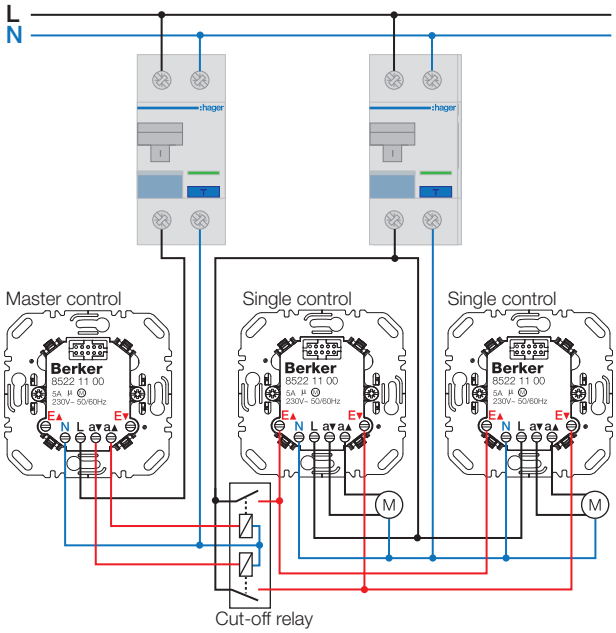


Bild 11: Operation with several residual current circuit-breakers

Berker.Net - KNX radio system technology

Planning tips for radio installations

Radio transmission and range

Radio waves can be subject to a number of different influences that weaken the signals and thus shorten their range especially within buildings. That is why all manufacturers of radio products generally indicate the free-field range, which refers to the uninterrupted propagation of the radio waves and optimally oriented antennas. For Berker KNX radio products this range is generally 100 m. Unless a building is specially shielded by means of certain measures, this means that there will be no problem implementing radio links through three walls and two ceilings. Nevertheless, in any building there may be advantageous and disadvantageous locations for installing radio bus components.

The free field is defined by damp, level ground. Transmitters and receivers are attached at a height of at least 2 m above the ground. The horizontal distance to interfering objects from each point of the transmitter - receiver connecting line is 20 m.

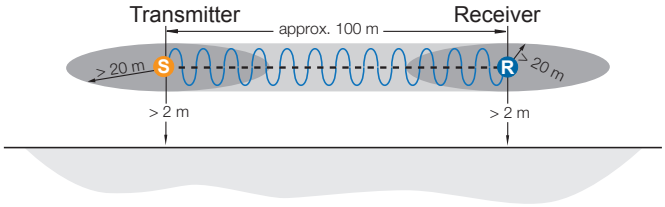


Bild 1: Distances to sources of interference in the free field

Reducing factors of the range of radio signal

- metallic or conductive surfaces such as anti-static floors, insulation with metal lamination, reinforced concrete, cable routes, metal grid ceilings, carbon fibre panels, hot water heating systems, electric underfloor heating systems etc.
- electronic devices exposed to high frequency signal emissions, such as computers, electronic transformers or microwave devices etc.
- Thermal insulation glazing with metalized glass that absorbs or reflects radio signals very strongly
- Moisture in plaster, masonry and screed
- Precipitation and fog outside

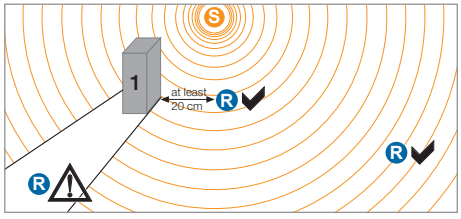
Material	Degree of material penetration
Wood, plaster, plasterboard, uncoated glass	approx. 90 %
Brick, press boards	approx. 70 %
Reinforced concrete, underfloor heating	approx. 30 %
Metal, metal grids, aluminium laminates, coated glass	approx. 10 %
Rain, snow	approx. 1 ... 40 %

Tab. 1: Material penetration

Selecting the installation location

The following installation instructions must be observed so that good radio transmission can be achieved:

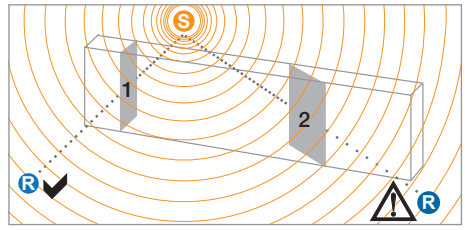
- Do not position receivers in the radio shadow of metallic building elements if possible, do not install transmitters/receivers behind metallic surfaces or in metallic housings.
  The areas behind metallic building elements such as piers, ceiling beams and fire doors constitute radio shadows (see Figure 2). Receivers installed in such shadows cannot receive signals over a direct pathway, and have to depend on reflected radio waves.



S Transmitter
R Receiver
1 metallic building element

Bild 2: Radio shadow and distances from metallic objects

- Maintain a distance to large metal surfaces
  Metal surfaces act as a grounding surface, radio signals near the surface are diverted. Furthermore, metal surfaces strongly reflect radio waves, which can cause overlapping of the signals up to suppression.
- The connecting line between the radio transmitter and the radio receiver should be selected so that any path through masonry or other attenuating materials is as short as possible (see Figure 3). It is particularly important to avoid niches in walls, since they obstruct the propagation of radio waves.



S Transmitter
R Receiver
1 effective wall thickness = 24 cm
2 effective wall thickness = 55 cm

Bild 3: Effective wall thickness for radio propagation

- Maintain a distance to devices that emit high-frequency signals. At least 50 cm are recommended.
  With increasing distance the interference decreases sharply.
- Maintain a distance between transmitters and receivers. At least 30 cm are recommended.
  If the strength of the signal is too great, the receiver is overdriven.
- Maintain a distance to other radio services. At least 3 m are recommended.
  other radio services such as DECT-phones, babyphones, radio headphones etc. can severely impair the signal.
- Transmitters or receivers that perform master functions throughout the building (e.g. ALL OFF or master blind control) should be positioned as centrally as possible. Disadvantageous transmission paths that run diagonally through the entire building are prone to interference and can impair the function.

Reception interferences often occur due to sealing off, suppression or reflection of the radio signal, as in the case of car radios or mobile phones.
In the case of irregular reception, it is often sufficient to move the transmitter or receiver by a few cm to improve the quality of reception.

Operating tips for radio installations

- Only repeat radio telegrams within one "radio band" by means of a signal amplifier or repeater, since otherwise telegram overlaps can occur.
- A high number of automatically triggering radio transmitters, such as radio motion detectors, can result in telegram overlaps and communication problems within a system.

Impairment due to changed ambient conditions

A functioning radio connection can still be impaired even during operation. This can be attributed to:

- Opening and closing doors and shutters consisting of insulating materials
- Adding and moving furniture, particularly furniture consisting of metal
- Additionally erecting walls consisting of problematic materials, such as metallic steamed glass, metal laminated insulating materials etc.
- Temporary influences on the transmission circuit, such as fog and precipitation outside, as well as damp plaster or wallpaper inside

KNX Radio

Technical data

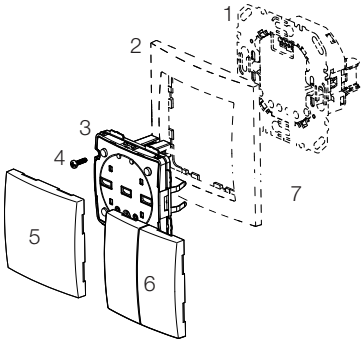
KNX radio properties	
Radio transmission frequency	868.3 MHz
Transmitter duty cycle *	1 %
Receiver category	2
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Number of quicklink links	max 20 transmitters/receivers

* Work cycle: Proportionally active transmission operations within a duration of one hour at any point in time.

KNX radio application modules

The flush-mounted inserts are complemented with a KNX radio application module and design cover as well as a frame.

The Berker.Net flush-mounted inserts can be used equally for the non-networked and radio networked application modules. For this purpose, the application module bottom part is attached together with the frame. Finally, the design covers are attached



1 Insert
2 Frame
3 Application module bottom part 1gang, 2gang, 4gang
4 Dismantling protection
5 Design cover– button 1gang
6 Design cover – button 2/4gang
7 Plug interface for insert

Bild 4: Installation based on the example of the KNX radio buttons

As soon as voltage is supplied to the application module (7) via the plug interface, the cfg-LED indicates whether the application module and insert are compatible with each other:

Green flashing - compatible
Orange flashing - The application module was configured with another insert.
Red flashing - incompatible

Under the design covers on the application module bottom part (3) are the operation and display elements needed for setting and configuring the control section. The exception to this are the devices with display that must be configured menu-driven.

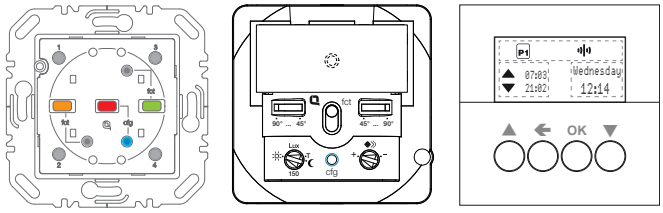


Bild 5: KNX radio application module with setting elements, buttons and LED / display

The application modules and flush-mounted inserts are only suitable for indoor areas.

KNX radio binary inputs flush-mounted

Technical data

KNX radio binary inputs	
Number of radio channels	2
Number of quicklink links	max 20 transmitters/receivers
Pulse time	at least 50 ms
Operating temperature	- 5 ... + 45 °C
Binary cable length	≈ 20 cm
Input cable length extendable	max. 10 m

Illuminated mechanical push-buttons must be connected to an N cable.

The binary inputs are only suitable for indoor areas.

KNX radio binary input 2gang flush-mounted [order no. 8587 61 00]

Binary input for potential-free contacts, e.g. of switches, buttons and magnetic contacts. Remote control of receivers via connected contacts.

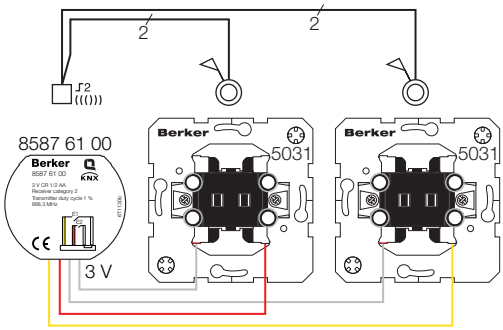


Bild 6: Operation with push-buttons (NO contact)

Technical data

KNX radio binary input 2gang flush-mounted	Order no. 8587 61 00
Operating voltage	3 V=
Input scanning voltage per channel	5 V
Battery life	≈ 5 Years
Dimensions (Ø x H)	51 x 16 mm

KNX radio binary input, 2gang, 230 V, flush-mounted [order no. 8587 62 00]

Binary input for potential-free contacts, e.g. for control by switches, push-buttons, precipitation sensors and wind sensors with wind sensor interface. For remote control of receivers by means of connected contacts.

Install a circuit breaker of max. 16 A as device protection.

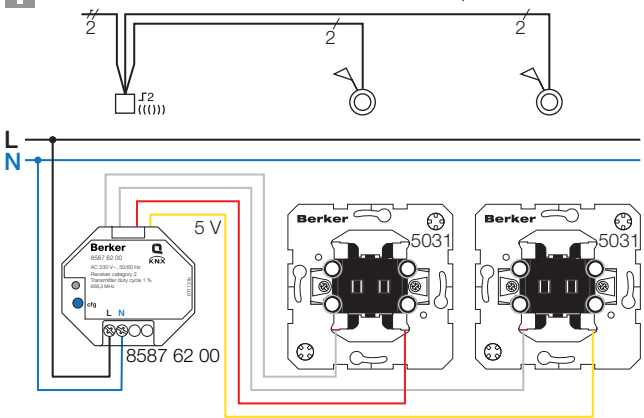


Bild 7: Operation with push-buttons (NO contact)

Technical data

KNX radio binary input 2gang flush-mounted 230 V	Order no. 8587 62 00
Operating voltage, frequency	230 V~, 50/60 Hz
Input scanning voltage per channel	5 V
Screw-in lift terminals	max. 2.5 mm² or 2 x 1.5 mm²
Dimensions (Ø x H)	53 x 27 mm

KNX radio switch actuators

Technical data

KNX radio switch actuators	
Operating voltage	230 V~
Frequency	50/60 Hz

Install a circuit breaker of max. 16 A as device protection.

KNX radio switch actuator 1gang surface-mounted [order no. 8516 51 00]

Switch actuator for switching of electrical loads 230 V~.

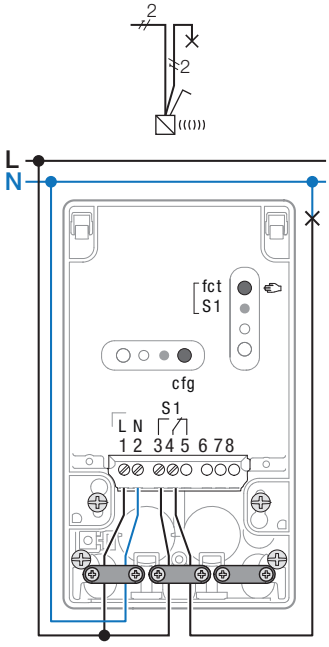


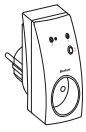
Bild 8: Switching a lamp

Technical data

KNX radio switch actuator 1gang surface-mounted	Order no. 8516 51 00
Switching current	10 A / 230 V AC1
230 V incandescent lamps and halogen lamps	1500 W
Fluorescent lamps - uncompensated - with EVG	 600 VA 6 x 58 W
Conventional transformers	600 VA
Electronic transformers	600 W
Operating temperature	- 10 ... + 55 °C
Screw-in lift terminals	max. 2.5 mm² / 2 x 1.5 mm²
Dimensions (L x W x H)	150 x 85 x 35 mm

KNX radio switch actuator for plugs [order no. 8510 51 00]

Switch actuator for switching electrical loads 230 V~ on socket outlets SCHUKO.



Technical data

KNX radio switch actuator for plugs	Order no. 8510 51 00
230 V incandescent lamps and halogen lamps	2300 W
Fluorescent lamps	28 x 36 W / max. 120 µF
Conventional transformers	1600 VA
Electronic transformers and dual-mode transformers	1200 W
Operating temperature	0 ... + 45 °C
Screw-in lift terminals	max. 2.5 mm² / 2 x 1.5 mm²

KNX radio switch actuator for plugs	Order no. 8510 51 00
Dimensions (L x W x H)	150 x 85 x 35 mm

KNX radio switch actuator 2gang surface-mounted [order no. 8516 61 00]

Switch actuator for separate switching of 2 electrical loads 230 V~.

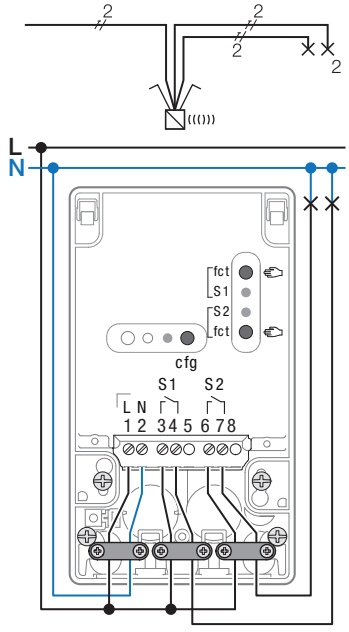


Bild 9: Switching of 2 lamps

Technical data

KNX radio switch actuator 2gang surface-mounted	Order no. 8516 61 00
Switching current	2 x 10 A / 230 V AC1
230 V incandescent lamps and halogen lamps	per channel 1500 W
Fluorescent lamps - uncompensated - with EVG	 per channel 600 VA per channel 6 x 58 W
Conventional transformers	per channel 600 VA
Electronic transformers	per channel 600 W
Operating temperature	- 10 ... + 55 °C
Screw-in lift terminals	max. 2.5 mm² / 2 x 1.5 mm²
Dimensions (L x W x H)	150 x 85 x 35 mm

KNX radio switch actuator 1gang/binary input 1gang flush-mounted [order no. 8587 51 00]

Switch actuator for switching of electrical loads 230 V~. Binary input for potential-free contacts, for activation e.g. by switch, push-buttons. For remote control of receivers by means of connected contact.

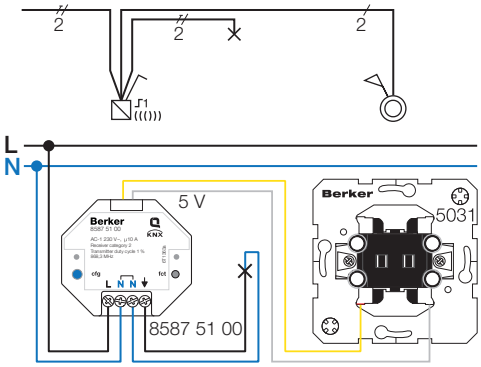


Bild 10: Switching a lamp, binary input with push-button

Technical data

KNX radio switch actuator 1gang/ binary input 1gang flush-mounted	Order no. 8587 51 00
Switching current	10 A / 230 V AC1
Input scanning voltage	5 V
230 V incandescent lamps and halogen lamps	1500 W
Fluorescent lamps parallel compensated	11 x 36 W/47 µF
Conventional transformers	800 VA
Electronic transformers	600 W
Operating temperature	0 ... + 45 °C
Screw-in lift terminals	max. 2.5 mm² / 2 x 1.5 mm²
Binary cable length	≈ 20 cm
Input cable length extendable	max. 10 m
Dimensions (Ø x H)	53 x 30 mm

The radio switch actuator 1gang/binary input 1gang flush-mounted is only suitable for indoor areas.

KNX radio switch actuator 1gang/binary input 1gang surface-mounted [order no. 8586 51 00]

Switch actuator for switching of electrical loads 230 V~. Binary input for potential-free contacts, for activation e.g. by switch, push-buttons. For remote control of receivers by means of connected contact.

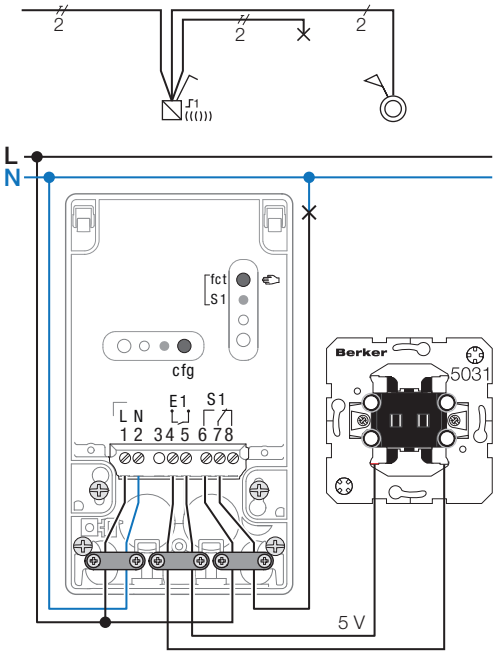


Bild 11: Switching a lamp, binary input with push-button

Technical data

KNX radio switch actuator 1gang/ binary input 1gang surface-mounted	Order no. 8586 51 00
Switching current	10 A / 230 V AC1
Input scanning voltage	5 V
230 V incandescent lamps and halogen lamps	1500 W
Fluorescent lamps - uncompensated - with EVG	 600 VA 6 x 58 W
Compact fluorescent lamps	6 x 18 W
Conventional transformers	600 VA
Electronic transformers	600 W
Operating temperature	-10 ... + 55 °C
Screw-in lift terminals	max. 2.5 mm² / 2 x 1.5 mm²
Binary cable length	≈ 20 cm
Input cable length extendable	max. 10 m
Dimensions (L x W x H)	150 x 85 x 35 mm

KNX radio dim actuators

KNX radio universal dim actuator 1gang flush-mounted [order no. 8547 51 00]

Universal dim actuator for dimming lighting

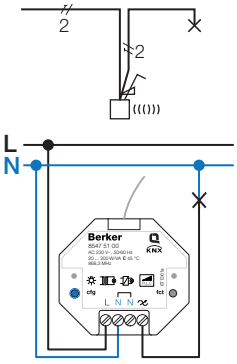


Bild 12: Dimming a lamp

Technical data

KNX radio universal dim actuator 1gang flush-mounted	Order no. 8547 51 00
Operating voltage, frequency	230 V~, 50 Hz
230 V incandescent lamps and halogen lamps	20 ... 200 W
Conventional transformers	20 ... 200 VA
Electronic transformers	20 ... 200 W
Operating temperature	0 ... + 45 °C
Screw-in lift terminals	max. 2.5 mm² / 2 x 1.5 mm²
Dimensions (Ø x H)	56 x 38 mm

The KNX radio universal dim actuator 1gang flush-mounted is only suitable for indoor areas.

KNX radio blind actuators

Technical data

KNX radio blind actuators	
Operating voltage, frequency	230 V~, 50 Hz
Lamella adjustment on signal duration	< 1 s
Change-over time for change of direction	< 0.6 s
Operating temperature	+5 ... +45 °C
Radio transmission/reception frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of quicklink links	max 20 transmitters/ receivers
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m

Install a circuit breaker of max. 16 A as device protection.

KNX radio blind actuator 1gang surface-mounted [order no. 8526 51 00]

Blind actuator for controlling hangings.

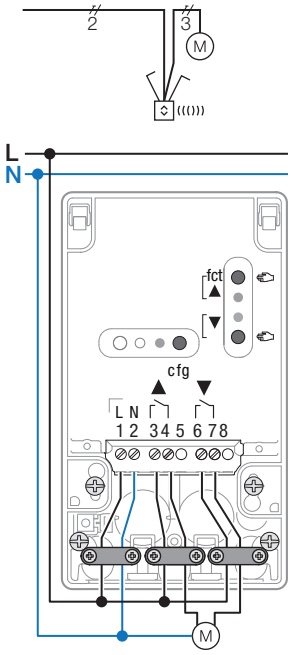


Bild 13: Activation of a motor

Technical data

KNX radio blind actuator 1gang surface-mounted	Order no. 8526 51 00
Switching current	10 A / 230 V AC1
Operating temperature	-10 ... +55°C
Dimensions (L x W x H)	150 x 85 x 35 mm

KNX radio blind actuator 1gang/binary input 2gang flush-mounted [order no. 8527 51 00]

Blind actuator for controlling hangings. Binary input for potential-free contacts, e.g. activation by switches, push-buttons. For remote control of receivers by means of connected contacts.

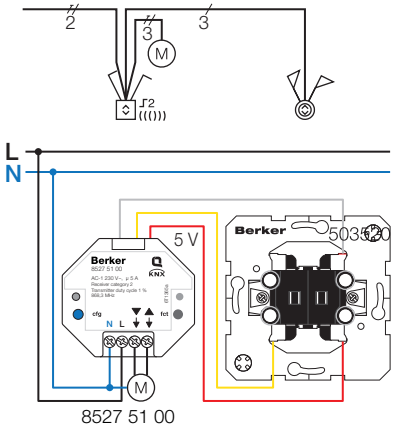


Bild 14: Activation of a motor

Technical data

KNX radio blind actuator 1gang/ binary input 2gang flush-mounted	Order no. 8527 51 00
Switching current	6 A / 230 V AC1
Input scanning voltage per channel	5 V
Operating temperature	+5 ... +45 °C
Dimensions (Ø x H)	53 x 27 mm

The KNX radio blind actuator 1gang/binary input 2gang flush-mounted is only suitable for indoor areas.

KNX radio - Application example

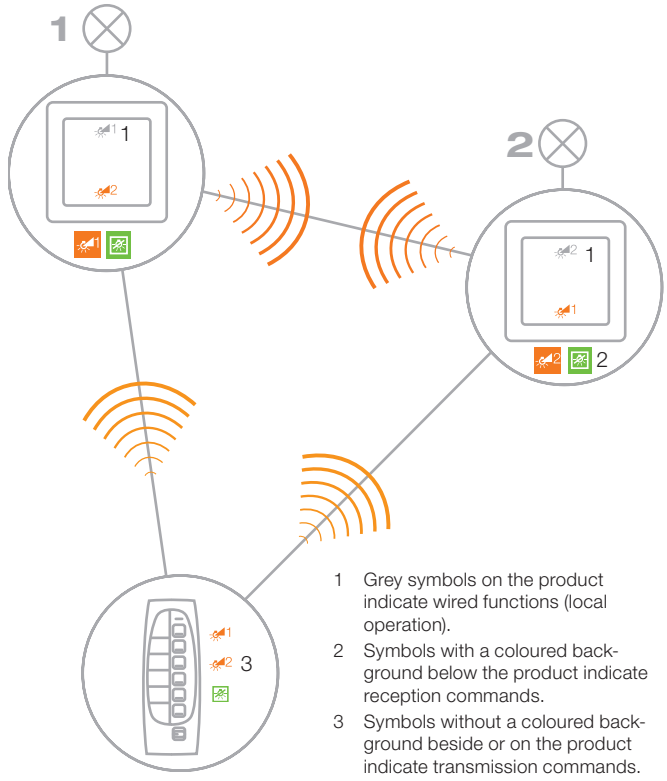
Bi-directional radio technology makes it possible to control the connected load on the insert via radio signal by means of other transmitters. By contrast, the KNX radio application modules installed on this insert can also be configured as transmitters themselves in order to control other loads in the KNX radio system remotely. The following must therefore be configured:

- Functions executed on the directly connected load when radio commands are received (receiver)
- Radio commands for controlling other loads connected to the receivers (transmitters)
- Direct operation on the application module for the connected load on the insert (local operation)

The functions for local operation are preset in the factory, but can be changed.

By way of example, the application example in Figure 15 shows the universally usable and fully flexible modifiable configuration of two KNX radio application modules (here: KNX radio push-buttons 1gang) with flush-mounted devices (here: dimmer inserts), on which one lamp each is connected. The respective lamp can be switched/dimmed locally using the push-button (grey symbol) and an additional load can also be remote-controlled (orange symbols) - lamp 2 using the bottom push-button operation area. Control section 2 is configured in the same way, and in addition to its own connected lamp 2, can also activate lamp 1 using the bottom push-button operation area.

Both control sections thus control the wired loads and can also transmit radio signals as well as receive signals of other transmitters, such as hand-held transmitters. Both KNX radio buttons work as receivers and transmitters. Thus, all possible functions for lighting devices and blind controls can be configured and flexibly changed if required.



1 Grey symbols on the product indicate wired functions (local operation).
2 Symbols with a coloured background below the product indicate reception commands.
3 Symbols without a coloured background beside or on the product indicate transmission commands.

Bild 15: Application example transmitter/receiver configuration

TRANSMIT	RECEIVE	FUNCTIONAL DESCRIPTION
1	1	Lamp 1: Switch ON/OFF and dim BRIGHTER/DARKER
2	2	Lamp 2: Switch ON/OFF and dim BRIGHTER/DARKER
		Central function: Switch all lamps ON/OFF

Tab. 2: Configured transmitter/receiver functions

For more application examples of innovative Berker.Net installations please see "**Berker**.Net brochure" (order no.38506).

KNX radio - Commissioning concept

Configuration by quicklink

The KNX radio application modules follow a configuration concept whereby the function-related connection between a command giving transmitter and the function executing receivers is set by means of buttons and LED/displays without any further tools. Thus, wireless functions that are even more complex e.g. master, group, extension units, scenes and time controls can be implemented.

The insert wired to the load defines one set of configurable functions each (switching, dimming or control of the blind). The desired function is selected from this set and taught-in by means of quicklink.

Explanatory notes on the configurable functions following the configuration example.

The bottom part of application modules have a:

- Configuration button - **cfg** button
- Configuration LED - cfg LED
- Function button - **fct button**
- Function LED - fct LED

On application modules with display the configuration takes place menu-driven.

For a new configuration, the KNX radio application module must first be reset to factory settings.

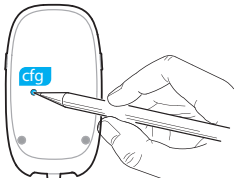
All devices of a system configurable by quicklink can be operated together.

The simple configuration process is demonstrated below based on two examples.

Configuration of a lighting function with buttons and LED display

1. Switch the transmitter and receiver to configuration mode

- Activate the configuration with the cfg button of the transmitter.
  The **cfg** LED of the transmitter and all receivers within range light up.

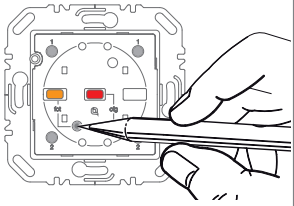


- On the transmitter, press the button/button area to which a function is to be assigned.
  The cfg LED of the transmitter flashes. The transmitter and receiver are in configuration mode.

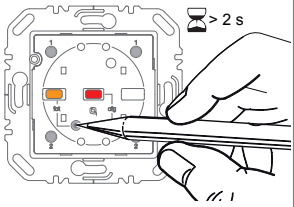


2. Set function of the receiver

- Keep pressing the fct button on the receiver until the fct LED signals the desired function.

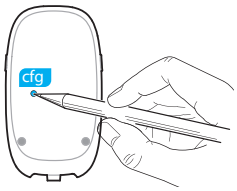


- Save the selected function by slowly pressing (> 2 s) the fct button of the receiver.



3. Finish configuration

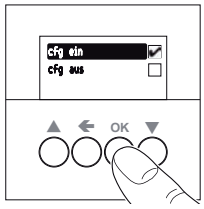
- End the configuration with the cfg button of the transmitter.
  The **cfg** LEDs on the transmitter and on all receivers go out.



Configuration of a blind function with display, menu-driven (transmitter) + buttons and LED display (receiver)

1. Switch the transmitter and receiver to configuration mode

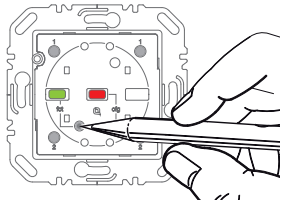
- In the configuration menu of the transmitter, activate the configuration with display.
  The **cfg** LED and configuration display of all receivers within range light up.



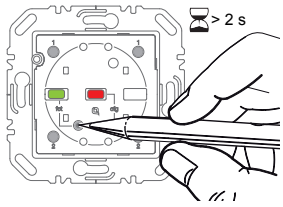
Since the display devices only have one transmission channel, it is not necessary to select the transmission button.

2. Set function of the receiver

- Keep pressing the fct button on the receiver until the fct LED signals the desired function.



- Save the selected function by slowly pressing (> 2 s) the fct button of the receiver.



3. Finish configuration

- End the configuration in the configuration menu of the transmitter.
  The **cfg** LED and configuration displays of all receivers in range go out.

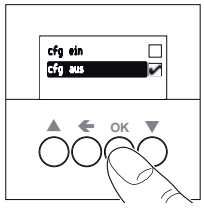
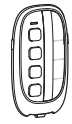
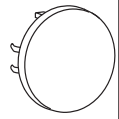
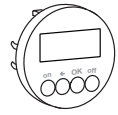


Bild 16: quicklink configuration of KNX radio application modules

Berker





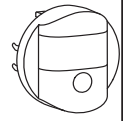




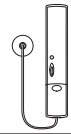
Transmitter function \ Receiver function	Order no.	KNX radio button, quicklink 1gang, 2gang, 4gang on dimmer insert on switch insert on both inserts	KNX radio motion detector comfort 1.1 / 2.2 m quicklink on dimmer insert on switch insert on both inserts	Radio timer quicklink
		8514 51 xx /61 xx 8564 81 xx	8534 51 xx 8534 61 xx	8574 52 xx
KNX radio hand-held transmitter 2-channel; 4-channel; 6-channel; 18-channel KNX radio wall transmitter, 1/2gang, flat, Solar quicklink KNX radio wall-transmitter 1/2gang flat quicklink	8560 10/20 00 8560 30/31 00 8565 51/61 xx 8565 52/62 xx	on off, on, off, ⚡ + −	on off, on, off, ⚡ + 24 −	on off, on, off
KNX radio button, quicklink 1gang, 2gang, 4gang	8514 51 xx 8514 61 xx 8564 81 xx	on off, on, off, ⚡ ⚡ ⚡	on off, on, off, ⚡ ⚡ 24 ⚡	on off, on, off
KNX radio timer quicklink	8574 52 xx	on, off	on, off	on, off
KNX radio blind button quicklink	8524 51 xx			
KNX radio blind time switch quicklink	8574 51 xx			
KNX radio motion detector comfort 1.1 m quicklink KNX radio motion detector comfort 2.2 m quicklink KNX radio controller 220° AP KNX radio controller 220° AP Solar	8534 51/61 xx 8536 51 00 8536 52 00 8536 51 99 8536 52 99	on, off	on, off	on, off
KNX radio motion detector comfort 1.1/2.2 m on mains insert	8534 51 xx 8534 61 xx		▷	
KNX radio switch actuator, 1-gang/binary input, 1-gang, flush-mounted, surface-mounted KNX radio blind actuator 1gang/binary input 2gang flush-mounted KNX radio binary input 2gang flush-mounted KNX radio binary input, 2gang, 230 V, flush-mounted	8587 51 00 8586 51 00 8527 51 00 8587 61 00 8587 62 00	on off, on, off, ⚡ + −	on off, on, off, ⚡ + on off 24 −	on off, on, off on off
KNX radio brightness sensor, surface-mounted	8580 11 00			
KNX radio magnetic contact	8580 12 00	on off, on, off	on off, on, off on off	on off, on, off on off







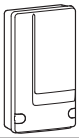
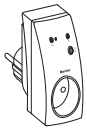
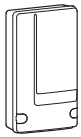
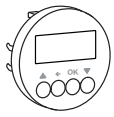
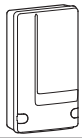






Functions through radio command

on off	On/off, toggling	⚡	On/off, dimming -	⚡	Contact closed, on, contact open, off
on	On	+	On, dimming +	on	Forced on
off	Off	−	Off, dimming -	off	Forced off
⚡	On/off, dimming +/-		Scene 1 + 2	24	24 h repeat
⚡	On/off, dimming +		Timer 1 s to 3 h	▲	Move up, stop

KNX radio switch actuator, 1 and 2gang, surface-mounted	KNX radio Switch actuator for plugs	KNX radio switch actuator, 1gang/ binary input, 1gang, flush-mounted, surface-mounted	KNX radio universal dim actuator 1gang flush-mounted	KNX radio blind button quicklink	KNX radio blind time switch quicklink	KNX radio blind actuator 1gang/ binary input 2gang flush-mounted	KNX radio blind actuator 1gang surface-mounted
							
8516 51 00 8516 61 00	8510 51 00	8587 51 00 8586 51 00	8547 51 00	8524 51 xx	8574 51 xx	8527 51 00	8526 51 00

- Move down, stop
- Contact closed, Up for max. 2 min, contact open, Down for 2 min
- Forced up
- Forced down
- Slave motion detector extension unit
- Delete (All the devices have the function)

Light control

Change-over switch on/off Dimmer
LED: Display: **Switch over**
Change-over the operating state of the connected load on the receiver between ON and OFF per transmission command.

When dimming, a long button-press > 0.4 s induces dimming. The dimming direction is reversed each time the button is pressed.

Switch on Switch on Dimmer +
LED: Display: **Switch-on**
Switch ON the connected load on the receiver per transmission command.

When dimming, a long button-press > 0.4 s induces BRIGHTER dimming.

On/off switch off Dimmer –
LED: Display: **Switch off**
Switch OFF the connected load on the switching per transmission command.

When dimming, a long button-press > 0.4 s induces DARKER dimming.

Scene 1
LED: Display: **Scene 1**
Call the load and blind states stored in scene 1 on the assigned receivers per transmission command.

Scene 2
LED: Display: **Scene 2**
Call the load and blind states stored in scene 2 on the assigned receivers per transmission command.

After a long button-press on the transmitter > 5 s the stored scene is overwritten with the currently set load states of the assigned receiver.

Timer
LED: Display: **Timer**
Switch ON the load for the settable switch-on time on the receiver gradually
between 1 s and 3 h per transmission command.

ON / OFF (switch)
LED: Display: **On/off switch**
Switch ON for the duration of the transmission command.

To facilitate this, transmission commands (ON and OFF switch) of the KNX radio timer in the receiver are configured simultaneously in one operation.

Forced mode ON on
LED: Display: **Forced ctr. On**
Switch ON the connected load and lock against local operation and other transmission commands for the duration of the forced mode transmission command.

Forced mode OFF off
LED: Display: **Forced ctr. Off**
Switch OFF the connected load and lock against local operation and other transmission commands for the duration of the forced mode transmission command.

Presence simulation
LED: Display: (function not available)
Activates/deactivates execution of presence simulation of the radio motion detector per transmission command. The recording frequency per hour is recorded over a 24 h period. In the 60 minutes with most recordings, the light will be switched on once for the duration of the delay time, even if no motion is detected.

During the presence simulation presence detection, extension unit and radio commands will continue to be executed normally.

Master-Slave
LED: Display: (function not available)
A motion detector configured as a slave transmits a command to the master motion detector for evaluation during detection of a movement.

Delete
LED: Display: **Delete**
The assignment of the receiver to the transmitter is deleted.

Blind control

Move up
LED: Display: **Move up**
Adjustment of the slat position / stop.
After a long button-press > 0.4 s, blind moves to top final position (self-retaining).

Move down
LED: Display: **Move down**
Adjustment of the slat position / stop.
After a long button-press > 0.4 s, blind moves to bottom final position (self-retaining).

Scene 1
LED: Display: **Scene 1**
Call the load and blind states stored in scene 1 on the assigned receivers per transmission command.

Scene 2
LED: Display: **Scene 2**
Call the load and blind states stored in scene 2 on the assigned receivers per transmission command.

After a long button-press on the transmitter > 5 s the stored scene is overwritten with the currently set load states of the assigned receiver.

Up/Down (switch)
LED: Display: **Up/down switch**
Move blind UP for the duration of the transmission command. After the end of the transmission command, the blind moves DOWN for 2 minutes.

To facilitate this, transmission commands (move UP and DOWN) of the KNX radio shutter timer in the receiver are configured simultaneously in one operation.

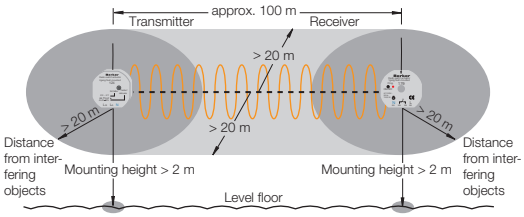
Forced mode UP
LED: Display: **Forced ctr. Up**
Move the connected blind UP to the top final position and lock against local operation and other transmission commands for the duration of the forced mode transmission command.

Forced mode DOWN
LED: Display: **Forced ctr. Down**
Move the connected blind DOWN to the bottom final position and lock against local operation and other transmission commands for the duration of the forced mode transmission command.

Presence simulation
LED: Display: (function not available)
Activates/deactivates execution of presence simulation of the **KNX radio shutter button** by means of transmission command. The UP and DOWN switching commands of the last 24 hours are saved and executed automatically for the presence simulation.

Delete
LED: Display: **Delete**
The assignment of the receiver to the transmitter is deleted.

Free field definition



Dependence of transmission range on mounting height

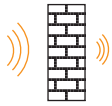
Theoretical transmission range	Receiver mounting height
100 m	> 2 m
56 m	1.5 m
34 m	1.0 m
28 m	0.8 m
23 m	0.6 m
18 m	0.4 m
13 m	0.2 m

Preconditions for measurement of the free field range
- level floor.
- horizontal distance of interfering objects from any point along the straight-line transmitter - receiver path > 20 m.
- height of transmitter/receiver > 2 metres above the floor.
- optimum alignment of aerial (stretched out straight).
- damp ground.

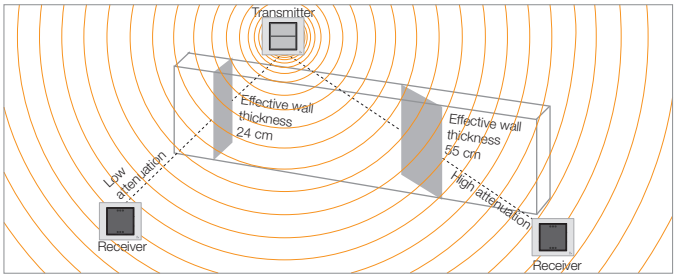
In every property in which the Radio Bus is to be installed there are favourable and unfavourable locations for the installation of appliances. In borderline cases the selection of the installation location can be decisive in determining the proper functioning of a radio link. Consequently, the following criteria should be taken into account in planning and installation:

- Penetration of radio signals

Material	Penetration
Wood, plaster, unlaminated glass	approx. 90 %
Brick, pressboard panels	approx. 70 %
Reinforced concrete	approx. 30 %
Metal, metal grilles, aluminium laminations	approx. 10 %
Rain, snow	approx. 0 - 40 %

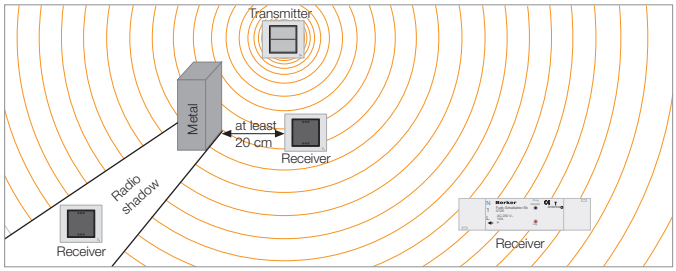


- The link between the transmitter and the receiver should be chosen such that it runs for as short a distance as possible through masonry or other attenuating materials. Wall niches, in particular, should be avoided.



- The mounting height of transmitters and receivers should not be below 50 cm.
- The distance between transmitters and receivers should be at least 1 m and at least 10 cm between receivers.
- As far as possible all transmitter and receiver aerials should be aligned vertically or horizontally.
- Do not shorten, extend or strip the aerials as they are precisely co-ordinated to the wavelength of the signal frequency.
- A minimum distance of 3 m should be maintained to radio components of other function groups, e.g. radio headphones or radio telephones.
- Computers, audio/video systems, microwaves or electronic transformers and ballasts are high-frequency interference sources. Maintain a minimum distance of 50 cm to these units wherever possible.
- Transmitters or receivers which handle centralised tasks building-wide (e.g. ALL OFF or central blind control) should also be placed at a central location whenever possible. Unfavourable links running diagonally through the entire building should be avoided.
- If reception is irregular, it is often sufficient to move the transmitter or receiver by just a few centimetres. This reception interference often occurs due to partitioning, obliteration or reflection of the radio signal, as is familiar from car radios and mobile phones for example.

- The distance to large metal surfaces, e.g. metal doors and frames, aluminium blinds or metal cupboards should be as large as possible (several decimetres).

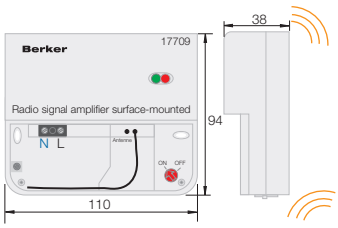


- Do not install transmitters and receivers behind metallic or conductive surfaces, e.g. anti-static floor, insulation with metal laminating, cable lines, metal louvered ceilings, panels containing carbon fibres, hot water heatings, electric underfloor heating systems etc.
  Remedy: If possible lead the aerial through the material.
- Windows with heat insulating glass based on metal insulation severely attenuate or reflect radio signals.
- Damp in ceiling and walls, or snow in outdoor areas, severely attenuate or reflect radio signals.
- Radio reception can be checked at any time prior to installation using a transmitter and a receiver. The state of completion of the building should be taken into account, e.g. dryness of plaster and floor paving or presence of doors and cladding.
- To prevent superimposition of telegrams, radio actuators may not be used to actuate any other radio transmitters.
- Radio telegrams within a "radio zone" should only be repeated using a radio signal amplifier as otherwise telegram superimposition can occur.
  The signal amplifier should be a minimum distance of 1 m from transmitters and receivers to prevent overloads.
- No more than 8 radio presence detectors should be used within a "radio zone". If there is constant presence in the detection range, the telegram frequency could result in telegram superimposition in the radio channel.
- The radio presence detector may only be operated with alkaline batteries, as they are the only ones with sufficient pulse current carrying capacity.
- The connecting cables for the radio push-button interface may only by extended to a maximum of 5 m using twisted pair cables with a cross-section of approx. 0.2 mm² per channel.

Radio signal amplifier surface-mounted [Order no. 177 09]

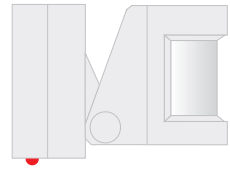
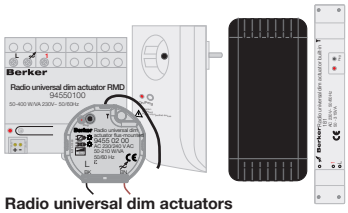
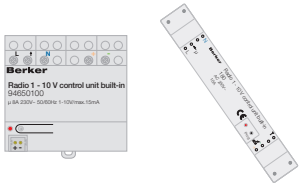
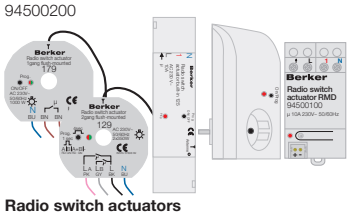
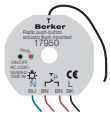
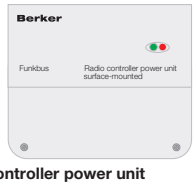
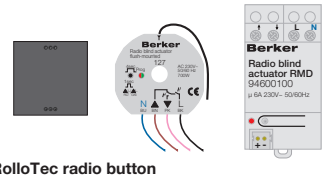
If a link is subject to a high degree of attenuation, or if the 100 metre radio range is insufficient, rendering transmission of the radio signals impossible, a radio signal amplifier can be installed at around half range as a repeater. It can amplify up to 60 transmission channels. All radio telegrams of the Radio Bus system are understood, but only the taught-in ones are amplified. Cascading of radio signal amplifiers is not possible. That is to say, radio signal amplifiers do not amplify radio telegrams from other radio signal amplifiers.

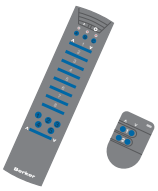
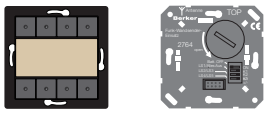
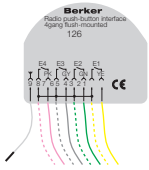
⚠ The Radio Bus planning instructions must be followed



Technical data	Radio signal amplifier surface-mounted Order no. 17709
Power supply	230 V~, 50/60 Hz
Standby power consumption	approx. 1.10 W
Transmission frequency	433.42 MHz, (ASK)
Transmission range	max. 100 m (free field)
Transmission power	< 10 mW
R&TTE approval (for EU and EFTA states)	Yes
Radio codes (assigned once per channel)	> 1 billion
Number of radio codes (channels) to amplify	60
Radio interference suppression	according to EN 55015
Operating temperature	-20 to 55 °C
Degree of protection	IP20
Terminals	Screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²
Dimensions (L x W x H)	110 x 38 x 94 mm

OVERVIEW OF RADIO BUS

Receiver \ Transmitter	9420..  **Radio controller flat**	1740109  **Radio controller surface-mounted**	1829909  **Radio presence detector surface-mounted**
1760..  **BLC radio button**	■ For switch inserts: switch on at brightness approx. 1 … 80 lx/daytime operation programmable, with delay time 1 minute, retriggering ■ For dimmer inserts: switch on to saved memory value at brightness approx. 1 … 80 lx/daytime operation programmable, with delay time 1 minute, retriggering	■ For switch inserts: switch on at brightness < 80 lux, with 1 minute delay time, retriggering ■ For dimmer inserts: switch on to saved memory value when brightness < 80 lux, with 1 minute delay time, retriggering	Only for BLC radio buttons with imprint R2 or higher ■ Switching On/Off depending on brightness and movement, switch-on time and required brightness value programmabler ■ With BLC dimmer inserts constant light control
128 / 181 / 1781009 / 94550100 / 94550200  **Radio universal dim actuators**	■ Switch on to saved memory value at brightness approx. 0 … 80 lx/daytime operation programmable, with delay time 1 minute, retriggering	■ Switch on to saved memory value when brightness < 80 Lux, with 1 minute delay time, retriggering	Only for radio universal dim actuator with imprint R2 (or higher) and RMD ■ Switching On/Off depending on brightness and movement, switch-on time and required brightness value programmabler ■ Constant light control
180 / 94650100  **Radio 1 - 10 V control unit built-in**	■ Switch on to saved memory value at brightness approx. 1 … 80 lx/daytime operation programmable, with delay time 1 minute, retriggering	■ Switch to saved memory value when brightness < 80 lux, with 1 minute delay time retriggering	Only for radio control units with imprint R2 or higher (except RMD) ■ Switching On/Off depending on brightness and movement, switch-on time and required brightness value programmabler ■ Constant light control
179 / 129 / 125 / 1789909 / 94500100 / 94500200  **Radio switch actuators**	■ Switch on at brightness approx. 1 … 80 lx/ daytime operation programmable, with delay time 1 minute, retriggering	■ Switch on at brightness < 80 lux, with 1 minute delay time, retriggering	Only for radio switch actuator with imprint R2 or higher (except RMD) ■ Switch on/off depending on brightness and movement, switch-on time and required brightness value programmable
17950  **Radio push-button actuators**	■ Impulse with adjustable brightness approx. 1 … 80 lx/daytime operation, not after-triggering	■ Impulse with adjustable brightness approx. 1 … 80 lx/daytime operation, not after-triggering	
17509  **Radio controller power unit surface-mounted**	■ Switch on at brightness approx. 3 - 80 lux programmable, with programmable delay time 10 sec. - 15 min. retriggering	■ Switch on at brightness approx. 3 - 80 lux programmable, with programmable delay time 10 sec. - 15 min. retriggering	Only for radio controller power pack with imprint R2 or higher ■ Switch on at brightness < 3 - 80 lux programmable, with programmable delay time 10 sec. - 15 min. retriggering
1758.. / 1759.. / 127 / 94600100  **RolloTec radio button** **Radio blind actuator flush-mounted and RMD**			

2766 / 2769	2764 / 2721.. / 2722.. / 2723.. / 2724..	126	12410
			
Radio hand-held transmitter comfort / mini	**Radio wall transmitters, flat Radio wall transmitter insert**	**Radio push-button interface 4gang flush-mounted**	**Radio transmitter 2gang flush-mounted**
■ Switching ■ Dimming Comfort hand-held transmitter only ■ Retrieve light scenes ■ Master dimming function ■ ALL ON/OFF central functions	Depending on setting ■ Switching ■ Dimming ■ Retrieve light scenes (Storage can be blocked in flat transmitter) ■ ALL ON/OFF central functions	Depending on setting ■ Switching ■ Dimming ■ Retrieve light scenes ■ ALL ON/OFF central functions	Depending on setting ■ Switching ■ Dimming
■ Switching ■ Dimming Comfort hand-held transmitter only ■ Retrieve light scenes ■ Master dimming function ■ ALL ON/OFF central functions	Depending on setting ■ Switching ■ Dimming ■ Retrieve light scenes (Storage can be blocked in flat transmitter) ■ ALL ON/OFF central functions	Depending on setting ■ Switching ■ Dimming ■ Retrieve light scenes ■ ALL ON/OFF central functions	Depending on setting ■ Switching ■ Dimming
■ Switching ■ Dimming Comfort hand-held transmitter only ■ Retrieve light scenes ■ Master dimming function ■ ALL ON/OFF central functions	Depending on setting ■ Switching ■ Dimming ■ Retrieve light scenes (Storage can be blocked in flat transmitter) ■ ALL ON/OFF central functions	Depending on setting ■ Switching ■ Dimming ■ Retrieve light scenes ■ ALL ON/OFF central functions	Depending on setting ■ Switching ■ Dimming
■ Switching Comfort hand-held transmitter only ■ Retrieving light scenes (on/off) ■ ALL ON/OFF central functions	Depending on setting ■ Switching ■ Retrieve light scenes ON/OFF (Storage can be blocked in flat transmitter) ■ ALL ON/OFF central functions	Depending on setting ■ Switching ■ Buttons (see bell operation) ■ Retrieving light scenes (on/off) ■ ALL ON/OFF central functions	Switch setting ■ Switching ■ Buttons (see bell operation)
■ Buttons close for the duration of the activation max. 12 seconds	■ Buttons close for the duration of the activation max. 12 seconds	■ Buttons close for the duration of the activation max. 12 seconds	■ Buttons close for the duration of the activation max. 12 seconds
■ Switch on for delay time ■ Switch ON/OFF for 2 hours (party function)	Depending on setting ■ Switch on for delay time ■ Switch ON/OFF for 2 hours (party function))	Depending on setting ■ Switch on for delay time ■ Switch ON/OFF for 2 hours (party function)	Switch setting ■ Switch on for delay time ■ Switch ON/OFF for 2 hours (party function)
■ Open/close blind ■ Slat adjustment Comfort hand-held transmitter only ■ Retrieve light scenes OPEN/CLOSE end positions ■ ALL OPEN/CLOSE end position central functions	Depending on setting ■ Open/close blind ■ Slat adjustment ■ Retrieve light scenes OPEN/CLOSE end positions ■ ALL OPEN/CLOSE end position central functions	Depending on setting ■ Open/close blind ■ Slat adjustment ■ Retrieve light scenes OPEN/CLOSE end positions ■ ALL OPEN/CLOSE end position central functions	Depending on setting ■ Open/close blind ■ Slat adjustment

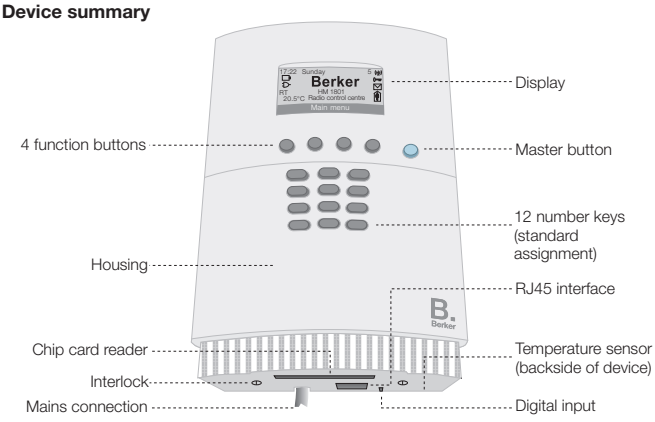
Radio bus central unit HM 1801 [order no. 2700]

The device is used as a radio central unit for all radio bus transmitters and actuators (except radio controller power pack surface-mounted and KNX radio receiver). The HM 1801 expands the radio installation, e.g. to include time-controlled and automated functions for lighting and blind/awning control.
Radio bus components can be actuated and linked. Data backup and any software updates are carried out using chip cards – additional connections permit future functions to be added.

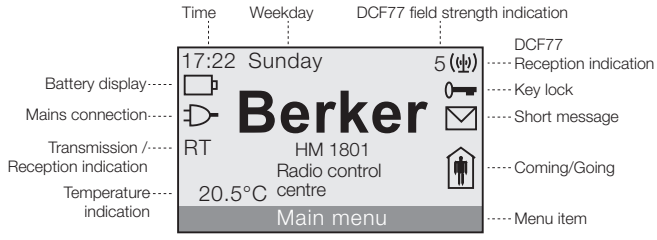
Functions

- Commissioning assistant
- Menu-driven operation with function buttons
- Save and retrieve the last status by using the coming in/going out function.
- Easy operation and short messages via text-based illuminated display
- Accurate time controls with integrated radio clock (DCF77)
- Indication of time and room temperature
- Integrated Piezo buzzer with adjustable volume
- Key lock similar to mobile phone
- Save and load configurations/programmes using chip card
- Integrated radio signal amplifier function
- Transmitters and receivers can be taught in battery mode
- Emergency power supply
- Master functions such as ALL ON and ALL OFF (panic button)
- Switching as well as calling up of dimming values
- Rapid selection of light scenes using number keys
- Easy configuration thanks to preset texts
- Teaching-in and testing of radio bus transmitters
- Battery low display for radio bus transmitters
- Locking and unlocking of radio control sections by time or radio transmitter
- Random time control, e.g. for presence simulation
- Time control for blind with running time setting
- Time-dependent controller monitoring
- Configuration lock for reprogramming using PIN

Device summary



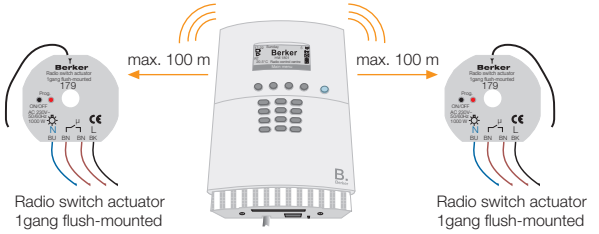
Display (initial display)



Ranges/mounting location

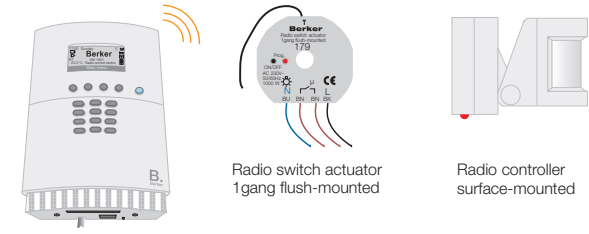
Always follow the radio bus planning instructions!

The range always depends on the local conditions. When choosing the mounting location, ensure that the display can be read without glare and that there is a DCF77 reception.



Application example: time-dependent controller monitoring

The garden lighting is to be operated by the controller after a particular time:
Using the menu system in the display, specify a time as a condition in the HM 1801 linking function. In addition, set the delay time for the actuator.



Technical data	Radio bus central unit HM 1801 Order no. 2700
Power supply	230 V~, 50/60 Hz
Emergency power supply (batteries)	5 x Micro Alkaline (LR 03)
Battery life	approx. 6 hours in continuous operation without the mains
Flashing battery symbol in display	Change batteries
Transmission frequency	433.42 MHz, (ASK)
Transmission range	max. 100 m (free field)
Transmission power	< 10 mW
R&TTE approval (for EU and EFTA countries)	Yes
Number of channels	32 transmitters / 32 receivers
System radio codes	> 1 billion
Signal amplifier	Integrated, max. 100 m, not cascadable
Mains cable	H 03 V V-F, 2 x 0.75
Control elements	4 function keys, master button, 12 number keys
Display	LC, 7 lines x 20 characters, illuminated
Radio clock	DCF 77
Buzzer	Piezo, ≥ 65 dB(A)
Interfaces	Chip card reader
	RJ45 socket
Radio interference suppression	according to EN 55015
Operating temperature	4 to 40 °C
Degree of protection	IP20
Dimensions (L x W x H)	230 x 140 x 50 mm

Additional HM1801 master card	
Order No.:	2700 01

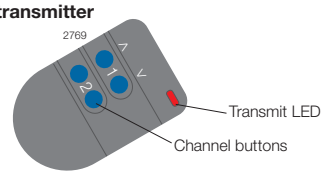
Mini hand-held radio transmitter [Order no. 2769]

The Mini hand-held radio transmitter permits cordless remote control. When a button is pressed, an encrypted radio telegram is sent, which is understood by all the radio receivers in the radio bus system.

2 channels can be used for on/off, brighter/darker or up/down commands

Mini hand-held radio transmitter

The radio bus planning instructions must be followed.



Technical data	Mini hand-held radio transmitter Order no. 2769
Power supply unit	3 V=
Batteries	1 x lithium coin cell (type CR20 32)
Battery life	approx. 3 years
Transmission frequency	433.42 MHz, (ASK)
Transmission range	max. 30 m (free field)
Transmission power	< 10 mW
R&TTE approval (for EU and EFTA states)	Yes
Number of channels	2
Radio codes (assigned once per channel)	> 1 billion
Operating temperature	0 to 55 °C
Dimensions (L x W x H)	73 x 40 x 19 mm

Radio hand-held transmitters comfort [Order no. 2766]

Radio hand-held transmitters permit cordless remote control. When a key is pressed, an encrypted radio telegram is sent which is understood and evaluated by all the radio receivers in the radio bus system.

Three groups (A, B, C) are available, each with 8 channels (1, .., 8), meaning 24 radio channels can be used for on/off, lighter/darker or up/down commands.

Switching on resp. switching off centrally is possible with the buttons ALL ON/OFF.

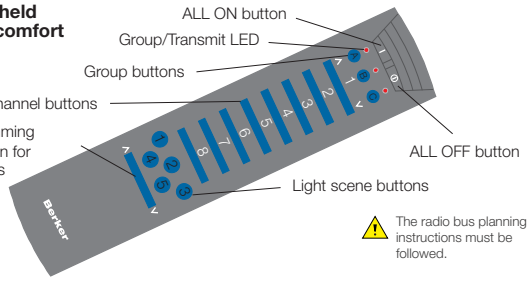
With the radio hand-held transmitter comfort, 5 light scenes can be stored and retrieved.

A light scene may be composed of:

- fixed dimming value for lighting (approx. 10 % to 100 % brightness), and/or
- fixed switching state of a load (e.g. fan, light on/off), and/or
- fixed final position of a shutter (shutter up/down).

When using BLC dimmer inserts with BLC radio buttons, universal radio dim actuators built-in or 1-10 V radio button control unit built-in, the master dimming push-button is used to make an entire light scene lighter/darker or switch it off.

Radio hand-held transmitter comfort



Technical data	Radio hand-held transmitter comfort order no. 2766
Power supply	6 V=
Battery	4 x micro, alkaline (LR 03)
Battery life	approx. 3 years
Repeated flashing of all LEDs during transmission	batteries empty, replace
Transmission frequency	433.42 MHz, (ASK)
Transmission range	max. 100 m (free field)
Transmission power	< 10 mW
R&TTE approval (for EU and EFTA states)	YES
Number of channels	24 in 3 groups A, B, C
Radio codes (assigned once per channel)	> 1 billion
Light scenes	5
Operating temperature	0 to 55 °C
Dimensions (L x W x H)	192 x 53 x 23 mm

Radio wall transmitter flat [Order no. 272..]

The radio wall transmitter flat permits cordless, permanently installed remote control in electrical installations.

When a button is pressed, the wall transmitter flat sends an encrypted radio telegram, which is understood and evaluated by all the radio receivers in the radio bus system.

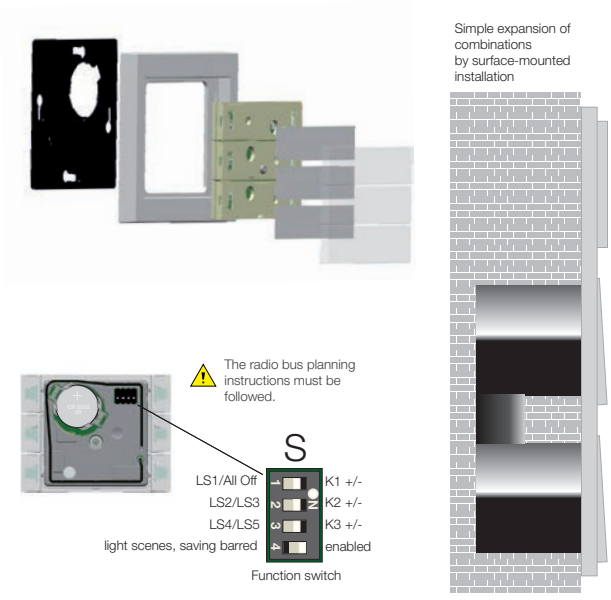
The keys can operate in pairs as rockers (for on/off, brighter/darker or up/down commands) or activate special "All Off" or "Light Scene" functions.

The wall transmitter flat is fitted with a 4gang function switch "S", which is used to select the push-button function and to save the light scenes (see illustration).

The wall transmitter flat can be screwed or stuck to a flat base (wood, plaster, glass, mirror etc.) as well as to appliance sockets with a frame.
When fitting on glass, adhesive foil order no. 9498 xx xx can be fitted to the backside as a sight screen.

Technical data	Radio wall transmitter flat order no. 2721.., 2722.., 2724..
Power supply	3 V=
Battery	1 x lithium coin cell (type CR20 32)
Battery life	approx. 3 years
Repeated flashing of all LEDs during transmission	battery empty, replace
Transmission frequency	433.42 MHz, (ASK)
Transmission range	max. 100 m (free field)
Transmission power	< 10 mW
R&TTE approval (for EU and EFTA states)	Yes
Number of channels	1, 2, 3 or 4 depending on the type
Radio codes (assigned once per channel)	> 1 billion
Light scenes	1, 3 or 5 depending on setting and type
Operating temperature	0 to 55 °C
Degree of protection	IP20

Radio wall transmitter flat



Radio transmitter insert wall-mounted [Order no. 2764]

The radio transmitter insert wall-mounted permits cordless but permanently installed remote control in electrical installations. It can be operated in combination with KNX push-buttons (1, 2 or 4gang) of the S.1, B.1, B.3, B.7, Q.1, Q.3, K.1, K.5 and ARSYS ranges.

When a button is pressed, the transmitter wall-mounted sends an encrypted radio telegram, which is understood and evaluated by all the radio receivers in the Radio Bus system.

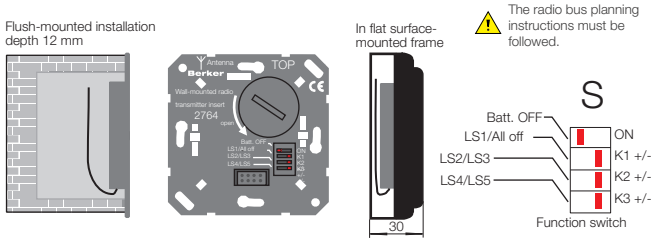
The buttons can operate in pairs as rockers (for on/off, brighter/darker or up/down commands) or activate special "All Off" or "Light Scene" functions.

The transmitter wall-mounted is fitted with a 4gang function switch "S", which is used to select the push-button function (see illustration).

The transmitter wall-mounted can be installed in flush-mounted wall boxes, hollow-wall boxes or flat surface-mounted housings with frames.

To achieve the maximum transmission range, the aerial should be exposed and fully stretched out, and be as far as possible from the radio transmitter wall mounted.

Radio transmitter insert wall-mounted



Technical data	Radio wall transmitter insert Order no. 2764
Power supply unit	6 V=
Batteries	2 x lithium coin cells (type:CR2032)
Battery life	approx. 3 years
Repeated flashing of all LEDs during transmission	batteries empty, replace
Transmission frequency	433.42 MHz, (ASK)
Transmission range	max. 100 m (free field)
Transmission power	< 10 mW
R&TTE approval (for EU and EFTA states)	Yes
Number of channels	1, 2, 3 or 4 depending on push-button
Radio codes (assigned once per channel)	> 1 billion
Light scenes	5 according to setting
Operating temperature	4 to 55 °C
Index of protection	IP20
Insertion depth	12.3 mm

Radio transmitter 2gang flush-mounted [Order no. 124 10]

The radio transmitter 2gang flush-mounted is used to expand existing installations by permitting the wireless transmission of switching, pushing, dimming and shutter commands. The radio telegram is understood and evaluated by all the radio receivers in the Radio Bus system. The Radio transmitter 2gang flush-mounted has 4 operating modes:

Mode A: 2-channel dimming single-surface operation (toggling), application: series dimmers
The radio transmitter 2gang flush-mounted sends one dimming/toggle command per channel, with a series push-button with 2 NO contacts for example.
Short actuation (< 1s): switch on/off
Long actuation (> 1 s): brighter/darker
Note: the telegram type (on/off, brighter/darker) is toggled in the transmitter. The Radio transmitter 2gang flush-mounted may therefore have to be actuated twice in order to obtain the desired reaction after it is been operated on the receiver or by a different transmitter.

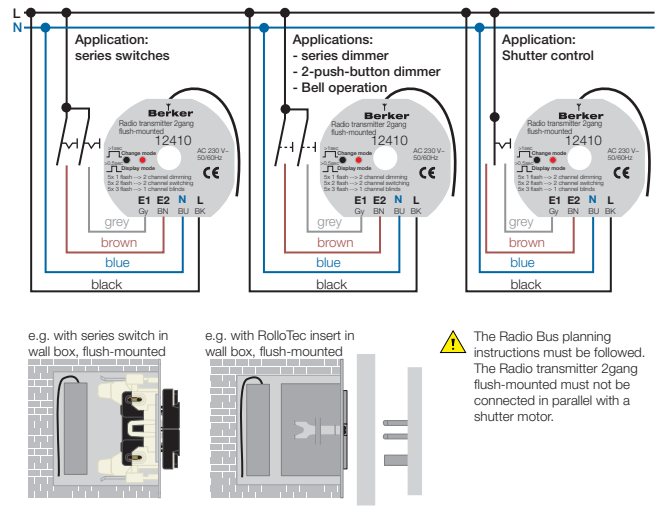
Mode B: 2-channel switching; application: series switch
The radio transmitter 2gang flush-mounted sends a switch-on command per channel when the voltage is connected, and a switch-off command when it is disconnected. Activation e.g. by: series switch = series switching. If activated by a time switch, a presence can be simulated.

Mode B: 2-channel switching; application: push-button/bell operation
The radio transmitter 2gang flush-mounted sends an ON command when the push-button (NO contact) is pressed and an OFF command when it is released.
Note: This operating mode is not suitable for activation of radio push-button actuators.

Mode C: 1-channel dimming 2-push-buttons operation
Application: 2-push-button dimmer
The radio transmitter 2gang flush-mounted sends on/off dimming telegrams (brighter/darker) for one channel. Activation: e.g. series switch with 2 NO contacts
Actuation: E1 < 1 s: switch on
E1 > 1 s: brighter
E2 < 1 s: switch off
E2 > 1 s: darker
Note: a long actuation (> 1 s) when the load is switched off causes switching on to minimum brightness (night light).

Mode C: 1 channel blind 2-push-buttons operation
Application: blind control
The radio transmitter 2gang flush-mounted sends up/down shutter telegrams (short-term/long-term mode) for one channel.
Activation: e.g. by blind push-button
Activation: E1 > 1 s: Slat adjustment Up
E1 < 1 s: move Up (2 min)
E2 > 1 s: Slat adjustment Down
E2 < 1 s: move Down (2 min)

Radio transmitter 2gang flush-mounted



Technical data	Radio transmitter 2gang flush-mounted, Order no. 12410
Power supply	230 V~, 50/60 Hz
Standby power consumption	approx. 0.49 W
Transmission frequency	433.42 MHz, (ASK)
Transmission range	max. 100 m (free field)
Transmission power	< 10 mW
R&TTE approval (for EU and EFTA states)	Yes
Number of channels	1 or 2 depending on operating mode
Radio codes (assigned once per channel)	> 1 billion
Radio interference suppression	according to EN 55015
Operating temperature	-20 to 55 °C
Degree of protection	IP20
Conductor length	approx. 210 mm
Dimensions (Ø x H)	52 x 23 mm

Radio push-button interface 4gang flush-mounted [Order no. 126]

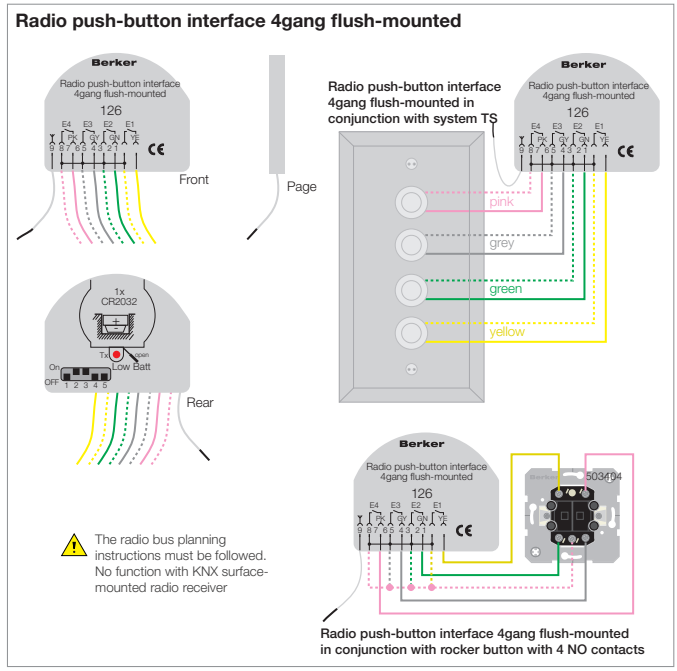
The radio push-button interface 4gang flush-mounted upgrades an existing installation by cordless transmission of dimming, switching, blind control and light scene commands. Inputs E1-E4 are activated via potential-free switching and/or push contacts. The radio telegram is understood and evaluated by all the radio receivers in the radio Bus system.

Activation: switches; application: 2 series switches
The radio push-button interface 4gang flush-mounted sends a switch-on command to each channel when the switch is closed and a switch-off command when it is opened. Activation e.g. by 2 series switches produces 2 series connections.
The special "bell operation" function is possible with a push-button.

Activation: push-button application: 4gang push-button or TS system. The radio push-button interface 4gang flush-mounted sends the switching, dimming, shutter control or light scene commands for channels depending on the DIP switch setting (see table).

Technical data	Radio push-button interface 4gang flush-mounted Order no. 126
Power supply	3 V=
Battery	1 x lithium coin cell (type CR20 32)
Battery life	approx. 3 years
Transmission frequency	433.42 MHz, (ASK)
Transmission range	max. 100 m (free field)
Transmission power	< 10 mW
R&TTE approval (for EU and EFTA states)	Yes
Number of channels	2 or 4 depending on mode
Radio codes (assigned once per channel)	> 1 billion
Light scenes	max. 4 depending on setting
Operating temperature	5 to 55 °C
Degree of protection	IP20
Conductor length	approx. 290 mm, extendable to max. 5 m
Dimensions (L x W x H)	44 x 40 x 11mm

Radio push-button interface 4gang flush-mounted



Nr.	Dip1	Dip2	Dip3	Dip4	Dip5	Input 1 (E1)	Input 2 (E2)	Input 3 (E3)	Input 4 (E4)	Activation
0	0	0	0	0	0	1-area Switching/Dimming E1=K1, E2=K2, E3=K3, E4=K4				Push-button
1	0	0	0	1	0	2-area Switching/Dimming/Shutters E1+E2=K1; E3+E4=K2				Push-button
2	0	0	1	0	0	1-area Switching E1=K1, E2=K2, E3=K3, E4=K4				Switch
3	0	0	1	1	0	1-area Switching E1=K1, E2=K2, E3=K3, E4=K4				Switch
4	0	1	0	0	0	All ON	All OFF	Light scene 1	Light scene 2	Push-button
5	0	1	0	0	1	All OFF	Light scene 1	Light scene 2	Light scene 3	Push-button
6	0	1	0	1	1	All OFF	Light scene 3	Light scene 4	Light scene 5	Push-button
7	0	1	0	1	1	Light scene 1	Light scene 2	Light scene 3	Light scene 4	Push-button

BLC radio button [Order no. 1760 ..]

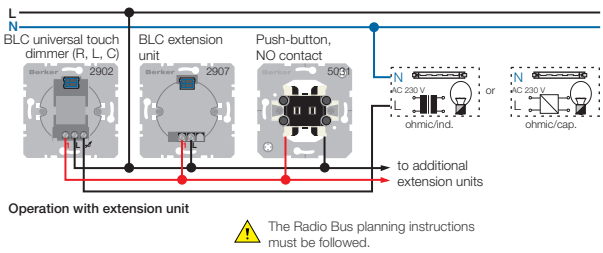
The lighting can be switched on/off manually at the radio button and via a radio transmitter with BLC switch inserts, and it can also be made brighter/darker with BLC touch dimmers. The desired switch-on brightness can be stored in touch dimmers, and is retrieved for every switch-on command (memory value).

Light scene operation is also possible with the radio hand-held transmitter comfort or radio wall transmitter, or the radio push-button interface 4gang flush-mounted and HM 1801. If light scenes are assigned (taught-in) to the BLC radio button, the desired brightness value in BLC touch dimmers and the switching state in BLC inserts can be stored and set when a light scene is called up.

Pressing the ALL OFF / ALL ON push-button on a taught-in hand-held radio transmitter, a radio wall transmitter or the radio push-button interface 4gang flush-mounted and HM1801 switches the load on or off.

When a radio signal is received by the radio controller, it is switched on for approx. 1 minute (retriggering), and in BLC touch dimmers the memory value is set.

BLC radio button e.g. with BLC universal touch dimmer (R, L, C)



Technical data	BLC radio button Order No. 1760..
Power supply	from flush-mounted insert
Standby power consumption	approx. 0.68 W
Reception frequency	433.42 MHz, (ASK)
Radio transmitter with teach-in facility	30
Radio codes (assigned once per channel)	> 1 billion
Distance from transmitter in teach-in mode	0.5 to 5 m
R&TTE approval (for EU and EFTA states)	yes
Light scenes	5
Operating temperature	4 to 55 °C
Degree of protection	IP20

Radio universal corded dim actuator [Order no. 128]
Radio universal dim actuator built-in [Order no. 181]

The lighting can be switched on/off manually at the device or via a radio transmitters or via BLC extension units, and made brighter/darker via a radio transmitters and BLC extension unit. The desired switch-on brightness can be stored in touch dimmers, and is retrieved each time a switch-on command is given (memory value).

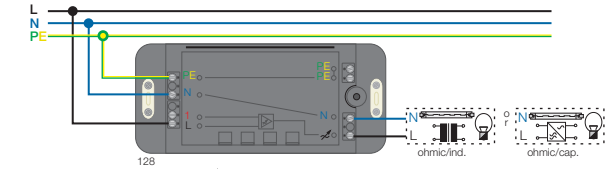
Light scene operation is also possible with the radio hand-held transmitter comfort or radio wall transmitter, or the radio push-button interface 4gang flush-mounted and HM 1801. If light scenes are assigned (taught-in) to the radio universal corded dim actuator/radio universal dim actuator built-in, the desired brightness value can be stored and set when a light scene is called up.

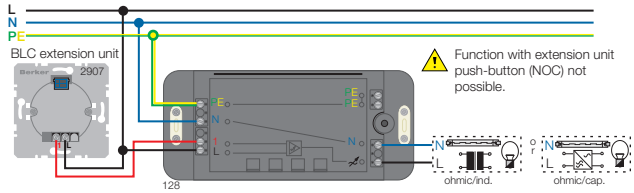
Pressing the ALL OFF / ALL ON push-button on a taught-in hand-held radio transmitter, a radio wall transmitter or the radio push-button interface 4gang flush-mounted and HM1801 switches the load on or off.

When a radio signal is received by the radio controller, the memory value is set for approx. 1 minute (retriggering).

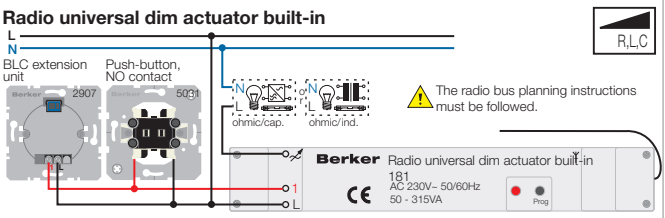
The radio universal corded dim actuator and the radio universal dim actuator built-in are protected against short-circuit by an electronic circuit-breaker with automatic restart following elimination of the fault. They are protected against overload by low-noise power reduction and have a bulb-preserving soft start function.

Radio universal corded dim actuator





Radio universal dim actuator built-in



Technical data	Radio universal dim actuator built-in Order no. 181
Power supply	230 V~, 50/60Hz
Connected load	230 V Incandescent and halogen lamps 50-315 W (ohmic, phase cut-off) Tronic transformers 50-315 W (capacitive, phase cut-off) Conv. transformers (min. 85 % load) including transformer power dissipation 50-315 VA (inductive load, phase cut-on). Mixed loads of specified load types (no combination of capacitive and inductive loads)
Tronic or power boosters built-in (R, L) according to type of load	max. 10
Dimming principle	Phase cut-on or cut-off depending on load type
Standby power consumption	approx. 0.65 W
Switch-on	Bulb-preserving soft start
No. of extension units	Any number of BLC extension units
Noise	Very low noise
Reception frequency	433.42 MHz, (ASK)
Radio transmitter with teach-in facility	30
Radio codes (assigned once per channel)	> 1 billion
Distance from transmitter in teach-in mode	0.5 to 5 m
R&TTE approval (for EU and EFTA states)	Yes
Light scenes	5
Short-circuit-proof	Cut-out with auto. restart
Overheating protection	Electronic protection (no change-over) by means of autom. cut-out
Radio interference suppression	to EN 55015
Operating temperature	0 to 55 °C
Degree of protection	IP20
Terminals	Screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²
Dimensions (L x W x H)	188.5 x 28 x 28 mm

Technical data	Radio universal corded dim actuator Order no. 128
Power supply	230 V~, 50/60Hz
Connected load	230 V Incandescent and halogen lamps 50-315 W (ohmic, phase cut-off) Tronic transformers 50-315 W (capacitive, phase cut-off) Conv. transformers (min. 85 % load) including transformer power dissipation 50-315 VA (inductive load, phase cut-on). Mixed loads of specified load types (no combination of capacitive and inductive loads)
Tronic or power boosters built-in (R, L) according to type of load	max. 10
Dimming principle	Phase cut-on or cut-off depending on load type
Standby power consumption	approx. 0.63 W
Switch-on	Bulb-preserving soft start
No. of extension units	Any number of BLC extension units
Noise	Very low noise
Reception frequency	433.42 MHz, (ASK)
Radio transmitter with teach-in facility	30
Radio codes (assigned once per channel)	> 1 billion
Distance from transmitter in teach-in mode	0.5 to 5 m
R&TTE approval (for EU and EFTA states)	Yes
Light scenes	5
Short-circuit-proof	Cut-out with auto. restart
Overheating protection	Electronic protection (no change-over) by means of autom. cut-out
Radio interference suppression	to EN 55015
Operating temperature	0 to 55 °C
Degree of protection	IP20
Terminals	Screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²
Dimensions (L x W x H)	125.7 x 59.6 x 29.6 mm

Radio universal dim actuator flush-mounted [Order no. 9455 02 00]

The lighting can be switched on/off manually on the device or via radio transmitter, and dimmed via radio transmitter.
The desired switch-on brightness value can be saved, and is called up with every switch-on command (memory value).

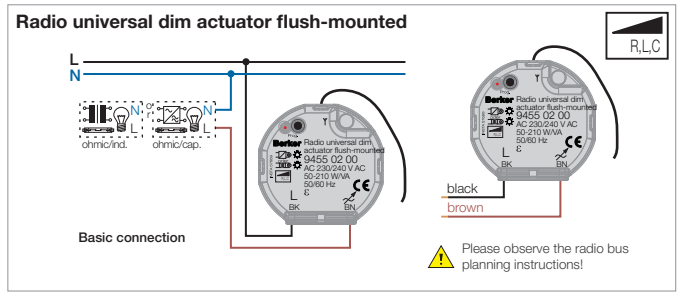
The radio hand-held transmitter comfort, radio wall-transmitter, radio push-button interface 4gang flush-mounted and HM 1801 can be used for light scene operation. If light scenes have been assigned (taught) to the radio universal dim actuator flush-mounted, then the desired brightness value can be saved, which is set when a light scene is called up.

Pressing the ALL OFF button/ALL ON button of a taught radio hand-held transmitter, radio wall transmitter, radio push-button interface 4gang flush-mounted and HM 1801 causes the load to be switched off/on.

When a taught radio signal of the radio controller is received, the memory value is set for approx. 1 min. (retriggering).

Technical data	
Power supply	230 V~, 50/60Hz
Connected load	230 V incandescent lamps and halogen lamps 50-210 W (ohmic, phase cut-off) Tronic transformers 50-210 W (capacitive, phase cut-off) or conv. transformers (loaded < 85 %) incl. transformer power dissipation 50-210 VA (inductive, phase cut-on) Mixed loads, capacitive and inductive loads may not be mixed!
Dimming principle	Phase cut-on or cut-off according to load type
Power consumption, standby	approx. 0.63 W
Switching on	bulb-preserving soft start
Noise generation	very low noise
Reception frequency	433.42 MHz, (ASK)
Teachable radio transmitters	30

Radio universal dim actuator flush-mounted



Radio universal dim actuator flush-mounted	Order no. 94550200
Radio codes (assign uniquely for each channel)	> 1 billion
Distance to transmitter in teaching mode	0.5 to 5 m
R&TTE approval (for EU and EFTA countries)	Yes
Light scenes	5
Short-circuit proof	Switch-off with autom. restart electron. fuse (no change-over)
Overheating protection	autom. switch-off
Radio interference suppression	according to EN 55015
Operating temperature	0 to 45 °C
Operating humidity	approx. 15 to 50 %
Degree of protection	IP20
Conductor length	approx. 210 mm
Dimensions (Ø x H)	52.5 x 27.5 mm

Radio universal dim actuator for plugs [Order no. 1 7810 09]

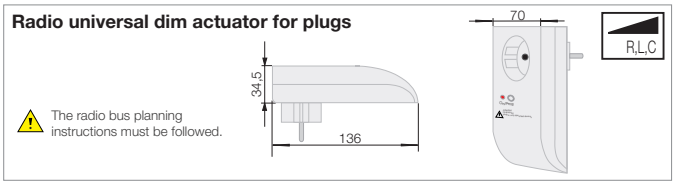
The lighting can be activated on the device manually or using the radio transmitter. It can be dimmed using the radio transmitter. The desired switch-on brightness can be stored in touch dimmers, and is retrieved each time a switch-on command is given (memory value).

Light scene operation is also possible with the radio hand-held transmitter comfort or radio wall transmitter, or the radio push-button interface 4gang flush-mounted and HM 1801. If light scenes are assigned (taught-in) to the radio universal dim actuator for plug, the desired brightness value can be stored and set when a light scene is called up.

Pressing the ALL OFF/ALL ON push-button on a taught-in hand-held radio transmitter comfort, a radio wall transmitter or the radio push-button interface 4gang flush-mounted and HM1801 switches the load on or off.

When a taught-in radio signal is received by the radio controller, the memory value is set for approx. 1 minute (retriggering).

Radio universal dim actuator for plugs



Technical data	Radio universal dim actuator for plugs order no. 1781009
Power supply	230 V~, 50/60Hz
Connected load	Incandescent and 230 V halogen lamps 50-420 W (ohmic, phase cut-off) Tronic transformers 50-420 W (capacitive, phase cut-off) Conv. transformers (min. 85 % load) including transformer power dissipation 50-420 VA (inductive load, phase cut-on). Mixed loads of specified load types (no combination of capacitive and inductive loads)
Dimming principle	Phase cut-on or cut-off depending on load type
Standby power consumption	approx. 0.63 W
Increased child protection as per VDE 0620 part 1	Yes
Switch-on	Bulb-preserving soft start
Noise	Very low noise
Reception frequency	433.42 MHz, (ASK)
Radio transmitter with teach-in facility	30
Radio codes (assigned once per channel)	> 1 billion
Distance from transmitter in teach-in mode	0.5 to 5 m
R&TTE approval (for EU and EFTA states)	Yes
Light scenes	5
Fine-wire fuse	T 6,3 H 250 V
Overheating protection	by means of autom. cut-out
Radio interference suppression	according to EN 55015
Operating temperature	5 to 35 °C
Degree of protection	IP20

Radio 1 - 10 V control unit built-in [Order no. 180]

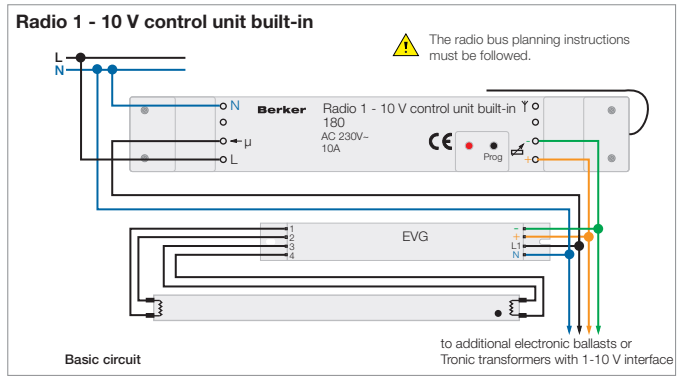
The lighting can be activated on the device manually or using the radio transmitter, and made brighter/darker. The desired switch-on brightness can be stored in touch dimmers, and is retrieved each time a switch-on command is given (memory value).

Light scene operation is also possible with the radio hand-held transmitter comfort or radio wall transmitter, or the radio push-button interface 4gang flush-mounted and HM 1801. If light scenes are assigned (taught-in) to the radio 1 - 10 V control unit built-in, the desired brightness value can be stored and set when a light scene is called up.

Pressing the ALL OFF / ALL ON push-button on a taught-in hand-held radio transmitter comfort, a radio wall transmitter or the radio push-button interface 4gang flush-mounted and HM1801 switches the load on or off.
When a radio signal is received by the radio controller, the memory value is set for approx. 1 minute (retriggering).

For dimensioning of switching power and control current, see Technical Information, 1-10 V devices.

Radio 1 - 10 V control unit built-in



Technical data	
Power supply	230 V~, 50/60 Hz
Standby power consumption	approx. 1,22 W
Control voltage	1-10 V
Max. control current	15 mA
Switching contact; Ohmic load; Electronic ballast, transformer	Relay; 1800 W; type-dependent approx. 12 single-lamp-, 6 two-lamp electronic ballasts
Reception frequency	433.42 MHz, (ASK)
Radio transmitter with teach-in facility	30
Radio codes (assigned once per channel)	> 1 billion

Radio 1 - 10 V control unit built-in	Order no. 180
Distance from transmitter in teach-in mode	0.5 to 5 m
R&TTE approval (for EU and EFTA states)	Yes
Light scenes	5
Fuse	Via 10 A circuit breaker
Radio interference suppression	to EN 55015
Operating temperature	0 to 55 °C
Degree of protection	IP20
Terminals	Screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²
Dimensions (L x W x H)	188.5 x 28 x 28 mm

Radio switch actuator built-in [Order no. 125]

In conjunction with taught-in radio transmitters, the radio switch actuator built-in enables network-operated devices to be switched remotely. It switches electrical loads (230 V/10 A) as soon as it has received a corresponding (taught-in) radio signal. The radio switch actuator built-in can be operated via a BLC extension unit or a push-button, NO contact as an extension unit.

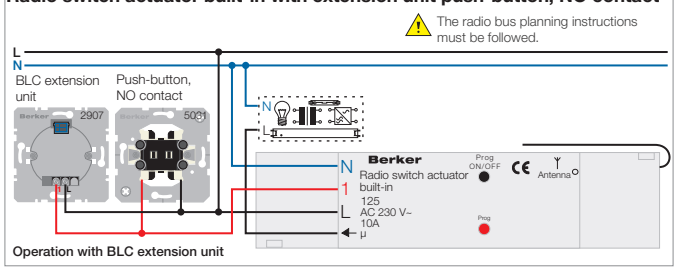
Light scene operation (switching only) is also possible with the radio hand-held transmitter comfort or radio wall transmitter, or radio push-button interface 4gang flush-mounted and HM 1801. If a light scene is assigned (taught-in) to the radio switch actuator built-in, a desired switching state (On/Off) can be stored and set when the light scene is called up.

Pressing the ALL OFF / ALL ON push-button on a taught-in hand-held radio transmitter comfort, a radio wall transmitter or the radio push-button interface 4gang flush-mounted and HM1801 switches the load on or off.
When a taught-in radio signal is received by the radio controller, it switches on for approx. 1 minute (retriggering).

The special "bell operation" function is possible in conjunction with the radio transmitter 2gang flush-mounted or radio push-button interface 4gang flush-mounted.

Technical data	
Power supply	230 V~, 50/60 Hz
Switching contact	Relay
Switching capacity	230 V Incandescent and halogen lamps 2300 W (ohmic) Tronic transformers 1500 W (capacitive) Conv. transformers (≥ 85% loading) incl. transformer power dissipation 1000 VA (inductive) Fluorescent lamps uncomp. 1200 VA, parallel comp. with 47 µF 920 VA (induktive) Duo circuit 2300 VA (induktive) Mixed load; capacitive and inductive loads should not be mixed
Number of extension units	Any number of BLC extension units or push-buttons (NOC)
Standby power consumption	approx. 0.71 W

Radio switch actuator built-in with extension unit push-button, NO contact



Radio switch actuator built-in	Order no. 125
Reception frequency	433.42 MHZ, (ASK)
Radio transmitter with teach-in facility	30
Radio codes (assigned once per channel)	> 1 billion
Distance from transmitter in teach-in mode	0.5 to 5 m
R&TTE approval (for EU and EFTA states)	Yes
Light scenes	5
Fuse	Via 16 A circuit breaker
Radio interference suppression	according to EN 55015
Operating temperature	-20 to 55 °C
Degree of protection	IP20
Terminals	Screw-type terminals for max. 2,5 mm² or 2 x 1,5 mm²
Dimensions (L x W x H)	175 x 42 x 18 mm

Radio switch actuator flush-mounted [order no. 179]

In conjunction with taught-in radio transmitters, the radio switch actuator flush-mounted enables network-operated devices to be switched remotely.

Light scene operation (switching only) is also possible with the radio hand-held transmitter comfort or radio wall transmitter, or the radio push-button interface 4gang flush-mounted and HM 1801. If a light scene is assigned (taught-in) to the switch actuator, a desired switching state (On/Off) can be stored and set when the light scene is called up.

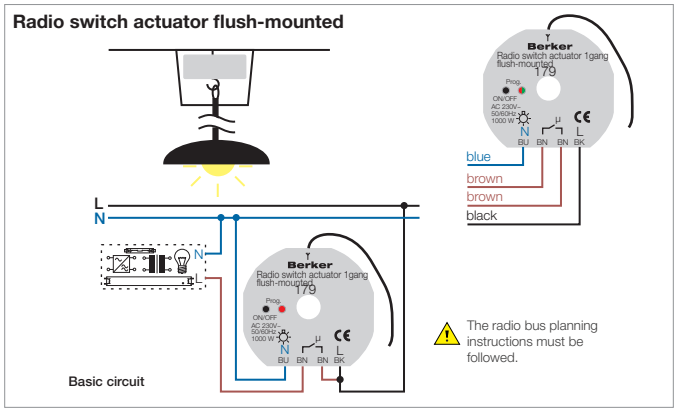
Pressing the ALL OFF/ALL ON push-button on a taught-in hand-held radio transmitter comfort, a radio wall transmitter or the radio push-button interface 4gang flush-mounted and HM1801 switches the load on or off.

When a taught-in radio signal is received by the radio controller, it switches on for approx. 1 minute (retriggering).

The special "bell operation" function is possible in conjunction with the radio transmitter 2gang flush-mounted or the radio push-button interface 4gang flush-mounted.

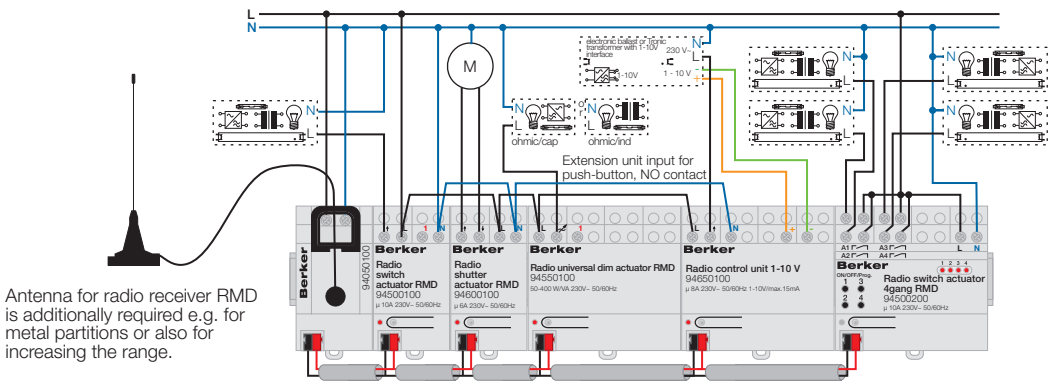
Technical data	
Rated voltage	230 V~, 50/60 Hz
Switching contact	Relay NO contact potential-free (FELV)
Switching capacity	230 V Incandescent lamps and halogen lamps 1000 W (ohmic) Tronic transformers 750 W (capacitive) Conv. transformers (< 85 % loading) incl. transformer power dissipation 750 VA (inductive) Fluorescent lamp uncomp. 500 VA, parallel comp. 400 VA (induktive) Duo circuit 1000 W (induktive) Mixed load; capacitive and inductive loads should not be mixed
Standby power consumption	approx. 0.56 W
Reception frequency	433.42 MHz, (ASK)

Radio switch actuator flush-mounted



Radio switch actuator flush-mounted	Order no. 179
Radio transmitters with teach-in facility	7 per channel
Radio codes (assigned once per channel)	> 1 billion
Distance from transmitter in teach-in mode	0.5 to 5 m
R&TTE approval (for EU and EFTA states)	Yes
Light scenes	5
Fuse	Via 10 A circuit-breaker
Radio interference suppression	according to EN 55015
Operating temperature	-20 to 55 °C
Degree of protection	IP20
Conductor length	approx. 210 mm
Dimensions (Ø x H)	52 x 21 mm

Radio bus System RMD



RMD data according to EN 301489-1, max. length 3m, for connecting the radio receiver RMD with max. 30 RMD actuators. The connection is made using the EIB terminal (check the connection polarity). The RMD data lead should be a shielded twisted-pair cable such as YCM 2x2x0.8 or J-Y(St)Y 2x2x0.8..

Radio switch actuator 2gang flush-mounted [Order no, 129]

In conjunction with taught-in radio transmitters, the radio switch actuator 2gang flush-mounted enables network-operated devices to be switched remotely.

The radio switch actuator 2gang flush-mounted is especially suitable for installation of a series connection from an existing switch-off without additional cable.

Light scene operation (switching only) is also possible with the radio hand-held transmitter comfort or radio wall transmitter or the radio push-button interface 4gang flush-mounted and HM 1801. If a light scene is assigned (taught-in) to the radio switch actuator 2gang flush-mounted, a desired switching state (on/off) can be stored and set when the light scene is called up.

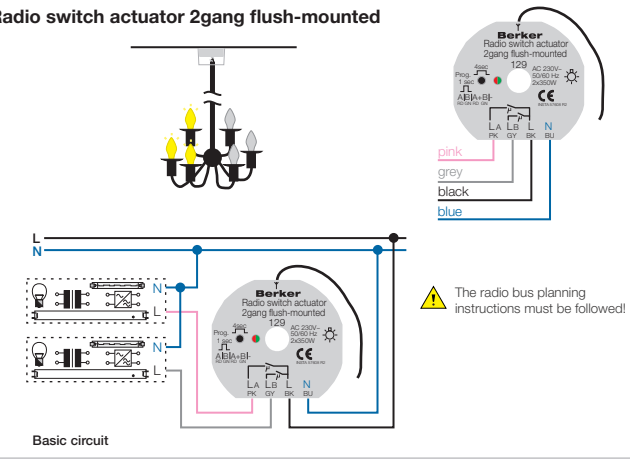
Pressing the ALL OFF / ALL ON push-button on a taught-in hand-held radio transmitter comfort, a radio wall transmitter or the radio push-button interface 4gang flush-mounted and HM1801 switches the load on or off.

When a taught-in radio signal is received by the radio controller, it switches on for approx. 1 minute (retriggering).

The special "bell operation" function is possible in conjunction with the radio transmitter 2gang flush-mounted or the radio push-button interface 4gang flush-mounted.

Technical data	
Nominal voltage	230 V~, 50/60 Hz
Switching contacts	2 relays for every 1 NO
Switching capacity	230 V Incandescent lamps 350 W (ohmic) 230 V halogen lamps 300 W (ohmic) Tronic transformers 300 W (capacitive) Conv. transformers (< 85 % loading) incl. transformer power dissipation 350 VA (inductive). Fluorescent lamp uncomp. 350 VA (induktive) Mixed load; capacitive and inductive loads should not be mixed
Standby power consumption	approx. 0.37 W
Reception frequency	433.42 MHz, (ASK)

Radio switch actuator 2gang flush-mounted



Basic circuit

Radio switch actuator 2gang flush-mounted	Order no. 129
Radio transmitters with teach-in facility	7 per channel
Radio codes (assigned once per channel)	>1 billion
Distance from transmitter in teach-in mode	0.5 to 5 m
R&TTE approval (for EU and EFTA states)	Yes
Light scenes	5
Security	Via 10 A circuit breaker
Radio interference suppression	according to EN 55015
Operating temperature	-20 to 55 °C
Degree of protection	IP20
Dimensions (Ø x H)	52 x 23 mm

Radio switch actuator for SCHUKO plugs [Order no. 1 7899 09]

The radio switch actuator for SCHUKO plug in conjunction with taught-in radio transmitters permits remote switching of mains powered devices (e.g. standard lamp, table top lamp, ventilator fan, stereo system etc.) with a mains plug.

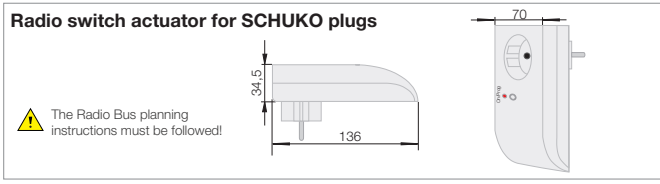
Light scene operation (switching only) is also possible with the radio hand-held transmitter comfort or radio wall transmitter, or the radio push-button interface 4gang flush-mounted and HM 1801. If a light scene is assigned (taught-in) to the radio switch actuator for SCHUKO plug, a desired switching state (on/off) can be stored and set when the light scene is called up.

Pressing the ALL OFF / ALL ON push-button on a taught-in hand-held radio transmitter comfort, a radio wall transmitter or the radio push-button interface 4gang flush-mounted and HM1801 switches the load on or off.

When a taught-in radio signal is received by the radio controller, it switches on for approx. 1 minute (retriggering).

The special "bell operation" function is possible in conjunction with the radio transmitter 2gang flush-mounted or the radio push-button interface 4gang flush-mounted.

Radio switch actuator for SCHUKO plugs



Technical data	Radio switch actuator for SCHUKO plugs Order no. 1789909
Power supply unit	230 V~, 50/60 Hz
Switching contact	Relay
Switching capacity	230 V Incandescent and halogen lamps 1000 W (ohmic) Tronic transformer 750 W (capacitive) Conv. transformers (≥ 85% loading) incl. transformer power dissipation 750 VA (inductive) Fluorescent lamps uncomp. 500 VA, parallel comp. with 47 µF 400 VA (induktive) Duo circuit 1000 VA (induktive) Mixed load; capacitive and inductive loads should not be mixed
Standby power consumption	approx. 0.43 W
Increased child protection as per VDE 0620 part 1	Yes
Reception frequency	433.42 MHz, (ASK)
Radio transmitter with teach-in facility	30
Radio codes (assigned once per channel)	> 1 billion
Distance from transmitter in teach-in mode	0.5 to 5 m
R&TTE approval (for EU and EFTA states)	Yes
Light scenes	5
Fine-wire fuse	T 6,3 H 250 V
Radio interference suppression	according to EN 55015
Operating temperature	-20 to 55 °C
Degree of protection	IP20

Radio blind actuator flush-mounted [Order no. 127]

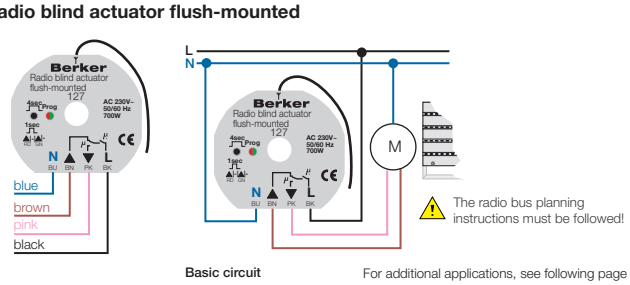
In conjunction with taught-in radio transmitters, the radio blind actuator flush-mounted enables network-operated devices to be switched remotely. Pressing a radio transmitter push-button < 1 sec. adjusts the blinds; > 1 sec. sends the drive into continuous operation for 2 minutes. It is particularly well suited to setting up a master and/or group control system from existing individual controls without additional wiring. They are flush-mounted in junction boxes, wall boxes, or in water-tight junction boxes in the roller shutter housing.

Light scene mode (final positions only) is possible with the radio hand-held transmitter comfort, the radio wall transmitter or the radio push-button interface 4gang flush-mounted and HM 1801. If a light scene is assigned (taught-in) to the radio blind actuator flush-mounted, the desired end position (open/closed) of the blind can be stored and set when the light scene is called up.

Integration into the All OFF / ALL ON function (end positions only) is also possible.

Technical data	
Nominal voltage	230 V~, 50/60 Hz
Switching contacts	2 NO contacts mutually interlocked
Switching capacity	max. 1 motor 700 W
Standby power consumption	approx. 0.40 W
Locking time	approx. 1 sec.
Reception frequency	433.42 MHz, (ASK)
Radio transmitters with teach-in facility	14
Radio codes (assigned once per channel)	> 1 billion

Radio blind actuator flush-mounted

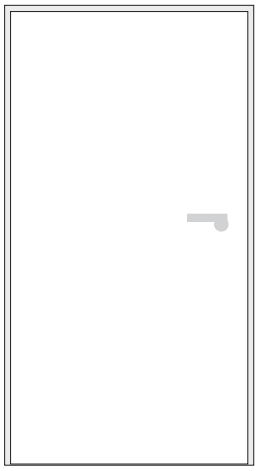


Basic circuit

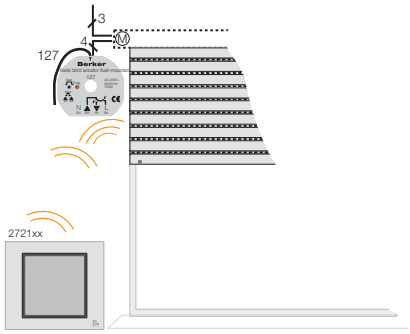
For additional applications, see following page

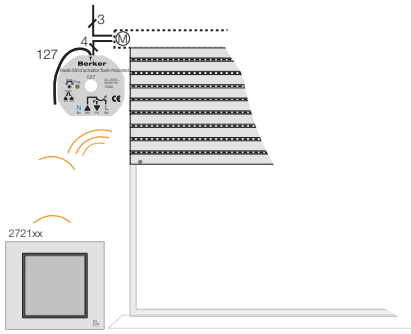
Radio blind actuator flush-mounted	Order no. 127
Distance from transmitter in teach-in mode	0.5 to 5 m
R&TTE approval (for EU and EFTA states)	Yes
Light scenes (only end positions)	5
Fuse	Via 10 A circuit breaker
Radio interference suppression	according to EN 55015
Operating temperature	-20 to 55 °C
Degree of protection	IP20
Dimensions (Ø x H)	52 x 21 mm

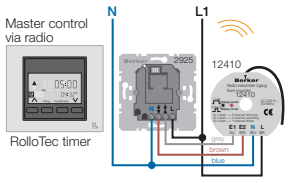
Upgrade possible with RolloTec and Radio Bus with existing 230 V cable in roller shutter housing
Group/master control



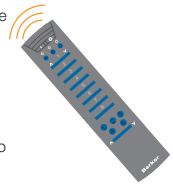
The Radio Bus planning instructions must be followed!

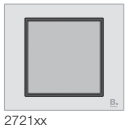


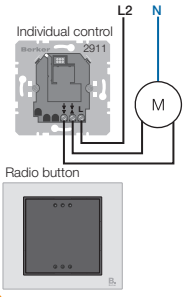


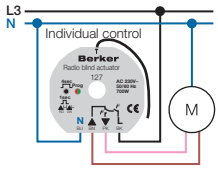


In many properties, a 230 V cable has been laid in the roller shutter housing in the course of renovation work. To then implement a control system, the following installation variant is possible: Install a radio blind actuator flush-mounted in a water-proof connection box. Control of the roller shutters can be achieved by teaching-in the radio wall transmitter and/or radio hand-held transmitter to the radio blind actuator. Master control can be easily implemented with the radio transmitter 2gang flush-mounted e.g. in combination with a RolloTec timer (recommended: wall box flush-mounted). This transmitter is taught-in to any radio blind actuator in the roller shutter housing. Prior to installation the radio signal range should be tested.

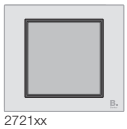


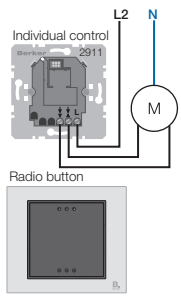


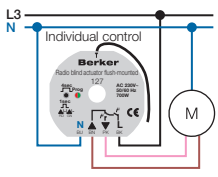




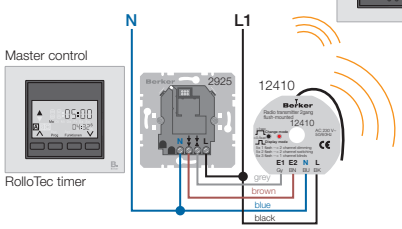
Radio blind actuator flush-mounted







Radio blind actuator flush-mounted



The radio bus planning instructions must be followed!

The radio wall transmitter as a group control and the radio transmitter 2gang flush-mounted as a central control are taught-in to the allocated individual controls (radio buttons) and radio blind actuators flush-mounted.
The group and master control commands are transmitted by radio signal.

RolloTec radio button

The radio button is a component of the RolloTec system. In conjunction with the RolloTec insert, it permits remote and manual operation of a tubular motor.

The ▲ button raises thehanging, the ▼ button lowers it.

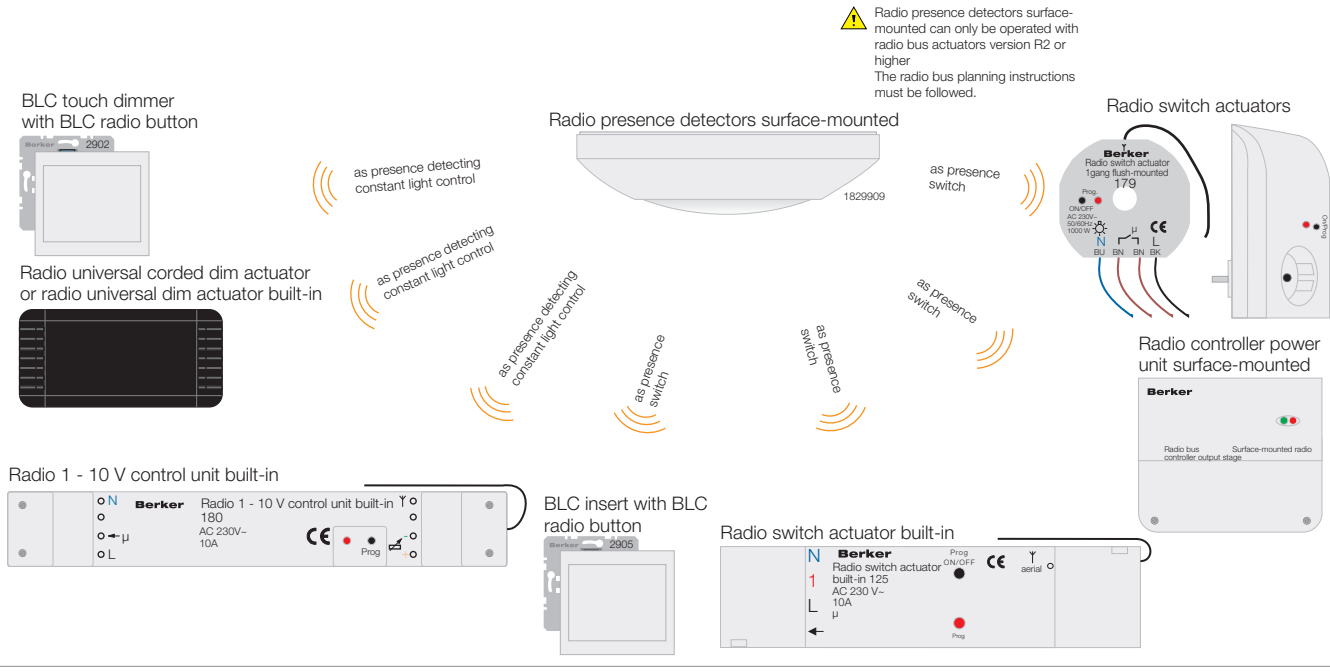
The system can be controller using a radio hand-held transmitter, radio wall transmitter, radio push-button interface 4gang flush-mounted, radio switch actuator 2gang flush-mounted and HM 1801.

If a light scene is assigned (taught-in) to the button, a desired final position (open/closed) of the blind can be stored and moved to when the scene is called up.

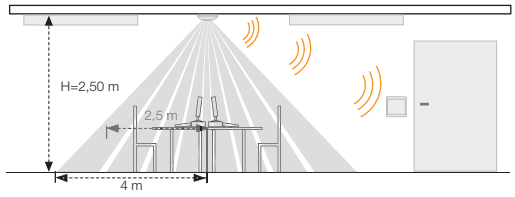
Technical data	RolloTec radio button Order no. 1758.., 1759,.
Power supply unit	from RolloTec insert 2911, 2925, 2975, 2975 01
Standby power consumption	approx. 1.21 W
Sunlight brightness value (only 1759..)	approx. 5000 to 80 000 Lux
Reception frequency	433.42 MHz, (ASK)
Radio transmitter with teach-in facility	30
Radio codes (assigned once per channel)	> 1 billion
Distance from transmitter in teach-in mode	0.5 to 5m
R&TTE approval (for EU and EFTA states)	Yes
Change-over time on change of direction	approx. 1 sec.
Light scenes (only end positions)	5
Operating temperature	4 to 55 °C
Degree of protection	IP20

For connection to master, group and individual control see RolloTec.

Examples of combination options for radio presence detectors surface-mounted and radio bus components



Radio presence detectors surface-mounted in an office



Do not mount radio presence detector surface-mounted in the immediate vicinity of lights or ventilator fans.
May only be operated with alkaline batteries, as they are the only ones with sufficient pulse current carrying capacity.
The Radio Bus planning instructions must be followed.

Radio presence detectors surface-mounted can only be taught into radio actuators version R2 or higher; a corresponding R2 designation is printed on the device.

As soon as a radio presence detector surface-mounted has been taught into a radio bus actuator, the corresponding actuator internally switches to light control mode and changes its behaviour.

Switching on by a brief press (> 1s) locally or by radio control initially switches the associated actuator on for 2 minutes.
If no presence is detected during this time, it is switched off again.

Switching off by a short press (> 1s) locally or by radio control initially switches the associated actuator off for 2 minutes. During this time, switching on is prevented by presence detection and is only possible manually (e.g. for slide show).

With a dim actuator (e.g. BLC universal touch dimmer insert with BLC radio button, Radio universal dim actuator built-in, Radio 1 - 10 V control unit built-in etc.) a constant light control system can be set up. In this case, the target brightness value set on the radio presence detector surface-mountedis compared with the actual value and evaluated in the dimmer.

On dim actuators, the brightness can be changed by pressing down the local or radio buttons, similar to a normal dimming operation.
The brightness value determined is temporarily used as the target brightness value until the next switch off, i.e. the radio presence detector surface-mounted attempts to keep this new value constant.

In conjunction with radio switch actuators only SWITCH ON or OFF is possible. To prevent the occurrence of light oscillation (device constantly switches on and off) it may be necessary to increase the target brightness value by turning the brightness adjuster on the radio presence detector surface-mounted towards the symbol sun.
In general, the radio presence detector surface-mounted should not be installed too close to lamps, to minimise this effect. The brighter the lamp to be switched on is, the more significant the effect described above.

Technical data	
Power supply	6 V=
Batteries	4 x 1.5 V Micro Alkaline (LR 03)
Battery life (depending on load)	approx. 3 years
10x flashing for transmit operation	Batteries flat, replace
Detection angle	360°
Size of detection range at desk height	Ø approx. 5 m
Size of detection range at floor level	Ø approx. 8 m
Mounting height for nominal detection ranges	2.5 m
Switching period	approx. 2 min. to 60 min.
Detection levels	6
Number of zones	80

Radio presence detector surface-mounted	Order no. 1829909
Number of switching segments	320
Response sensitivity	20 to 100 %
Target brightness value for light control	approx. 3 Lux to 1000 Lux
Transmission frequency	433.42 MHz, (ASK)
Transmission range	max. 100 m (free field)
Transmission power	< 10 mW
Radio codes (assigned once per channel)	> 1 billion
R&TTE approval (for EU and EFTA states)	YES
Operating temperature	0 to 45 °C
Degree of protection	IP20
Dimensions (Ø x H)	103 x 42 mm

Radio controller flat [Order no. 9420..]

The radio controller flat with integral brightness measurement allows the extension of existing installations by wireless transmission of switching commands.
On detecting movement, the radio controller flat sends an encrypted radio-telegram, which is understood and evaluated by all radio receivers in the radio bus system.

The radio controller flat is provided on the backside with two potentiometers, allowing the response sensitivity and activation brightness to be set.
Setting the activation brightness:
- Position • brightness-independent
- Adjustment range ◡ approx. 1 to 80 Lux
- Position corresponds to ▬ approx. 80 Lux.

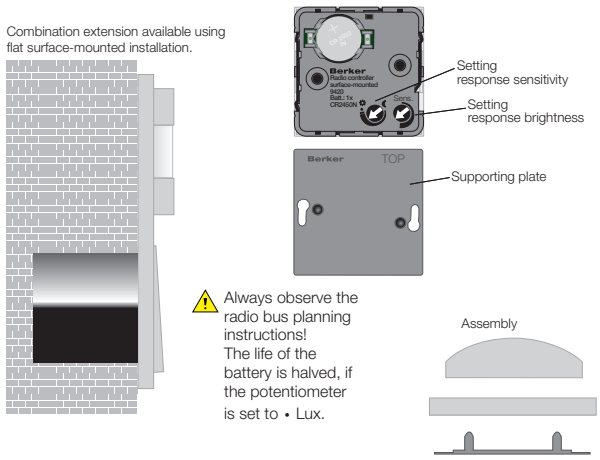
This setting should be selected when using the radio controller power unit surface-mounted; the activation brightness and the delay time can be set at the power unit.

In connection with other radio bus receivers (BLC radio buttons, radio switch actuator for SCHUKO plugs and radio switch actuator built-in/flush-mounted etc.) the controller triggers switching the load on for 1 minute (retriggering).

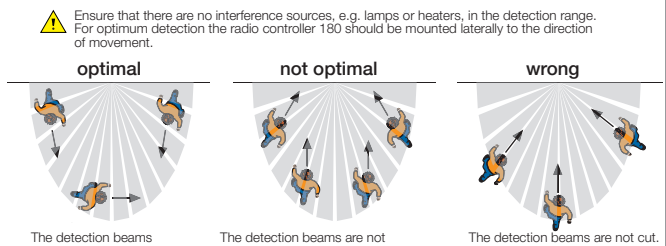
The radio controller flat can be screwed or stuck to a flat surface (wood, plaster, glass, mirror etc.) as well as to appliance sockets with a frame.

Technical data	Radio controller flat Order no. 9420..
Power supply	3 V=
Battery type	1 x lithium coin cell (type CR 2450 N)
Battery life	approx. 2-3 years
Rapid flashing of the red LED (approx. 1 s after sending)	battery flat, change it
Transmission frequency	433.42 MHz, (ASK)
Transmission range	max. 60 m (free field)
Transmission power	< 10 mW
Radio codes (assigned once)	> 1 billion
R&TTE approval (for EU and EFTA states)	Yes
Number of channels	1
Detection angle	180°
Detection field	semi-oval approx. 10 x 12 m
Recommended mounting height	1.1 m
Response sensitivity	approx. 20 to 100 %
Response brightness	approx. 1 to 80 / Lux
Operating temperature	5 to 35 °C
Degree of protection	IP20
Installation height	approx. 23 mm

Radio controller flat



Controller mounting

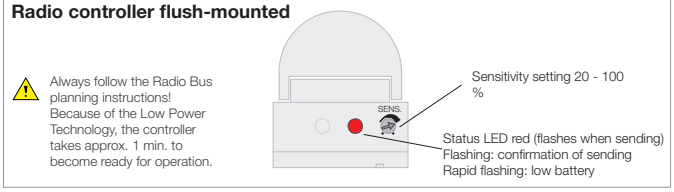


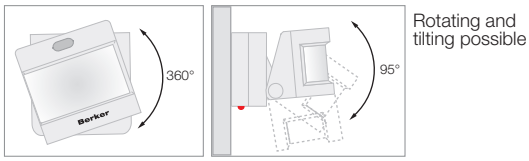
Radio controller system

The radio controller system is a cordless system, and is particularly suitable for upgrading existing installations. A maximum of 30 radio controllers can be taught-in to a radio controller power unit surface-mounted. The radio controllers can also be taught-in to other Radio Bus receivers (BLC radio button, radio switch actuator for SCHUKO plug and radio switch actuators built-in/flush-mounted etc.), where they activate the load for 1 minute (retriggering). A radio controller can be taught-in to any number of radio receivers. The response sensitivity of each radio controller unit can be adjusted to varying detection conditions. A push-button, NC contact in the lead of the radio controller power unit surface-mounted can be used to activate additional functions. These functions can also be used with a taught-in hand-held or wall-mounted radio transmitter as follows.
Short press of button ∧ ON for preset time
Short press of button ∨ OFF (automatic mode remains active)
Long press of button (>1sec.) ∧ ON for 2 hours
Long press of button (>1sec.) ∨ OFF for 2 hours

Technical data	Radio controller power unit surface-mounted Order no. 17509
Rated voltage	230 V~, 50/60 Hz
Switching contact	Relay contact
Switching capacity	230 V Incandescent lamps and halogen lamps 2300 W (ohmic) Tronic transformer 1500 W (capacitive) Conv. transformers (≥ 85 % loading) incl. transformer power dissipation 1000 VA (inductive) Fluorescent lamps uncompensated 1200 VA, parallel compensated 920 VA (induktive) duo circuit 2300 VA (induktive) Mixed load; capacitive and inductive loads should not be mixed
Inrush current	max. 20 A
Standby power consumption	approx. 1.10 W
Delay time	approx. 10 sec. to 15 min. ± 10 %
Brightness	approx. 3 to 80 Lux ± 10 %
Additional functions	with push-button (NC contact)
Time between touch pulses	600 ms
1st function	1 x press = ON for on time
2nd function	2 x press = ON for 2 hrs ± 10 %
3rd function	3 x press = OFF for 2 hrs ± 10 %
Reception frequency	433.42 MHz, ASK
Radio transmitters with teach-in facility	30
Radio codes (assigned once per channel)	> 1 billion
R&TTE approval (for EU and EFTA states)	Yes
Radio interference suppression	according to EN 55015
Operating temperature	-25 to 55 °C
Degree of protection	IP55
Terminals	Screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²
Dimensions (L x W x H)	110 x 38 x 94 mm

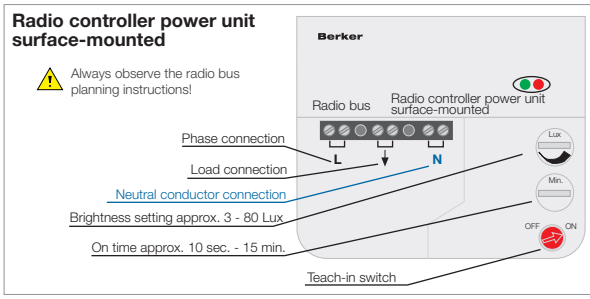
Radio controller flush-mounted





Technical data	Radio controller surface-mounted order no. 1740109
Battery type	9 V alkaline block battery 6LR61
Service life of alkaline battery	approx. 3 years
Power consumption	Daytime operation 0.14 mW Night time operation 0.27 mW Radio transmission 27 mW
Transmission frequency	433.42 MHz, ASK
Transmission range	approx. 100 m free field
Transmission power	< 10 mW
Radio codes (assigned once per channel)	> 1 billion
R&TTE approval (for EU and EFTA states)	Yes
Detection angle	180°
Detection field	16 m x 32 m
Mounting height	approx. 2.40 m
Response sensitivity	20 to 100 %
Brightness operating range	3 to 200 Lux ± 50 %
Sensor, activation brightness	less than 80 Lux
Sensor, night triggering	to 200 Lux
Operating temperature	-25 to 55 °C
Degree of protection	IP55

Radio controller power unit surface-mounted



SCHUKO SOCKET WITH RCD PROTECTION SWITCH/ RCD PROTECTION SWITCH

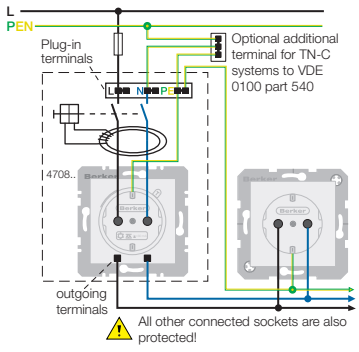
SCHUKO socket outlet with RCD protection switch [Order no. 4708 ..] / RCD protection switch [Order no 2844]

The SCHUKO socket outlet with RCD protection switch and the RCD protection switch must be used anywhere that the use of residual-current protective devices according to VDE 0664 is specified.
According to DIN VDE 0100-410: 2007-06, alternating current systems must be provided with additional protection by means of residual-current protective devices ≥ 30 mA. This applies to socket outlets with a rated current not greater than 20 A that are intended for use by non-experts and for general use.
Exceptions are socket outlets that are constructed exclusively for connecting a specific piece of equipment, and socket outlets that are monitored with a residual-current monitor (RCM) by qualified electricians or persons with electrotechnical training, such as in one's own commercial or industrial systems, for example. The protection goal "Protection against direct contact" according to DIN VDE 0100 Part 410 is achieved. Socket outlets connected to the residual-current protected outgoing terminals (outgoing feeders) are likewise protected. Thus all loads connected to it are equipped with additional protection according to DIN VDE 0100 Part 410. Triggering is ensured in the event of AC fault currents, and pulsating DC fault currents ≥ 30 mA. The test button "T" can be used to test the electrical and mechanical functioning. The integrated switch lever can be used to switch the SCHUKO socket outlet with RCD protection switch and the RCD protection switch on again after triggering (when testing or after eliminating the fault).

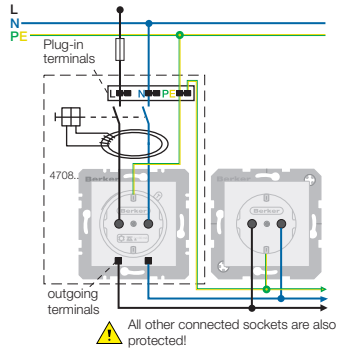
Technical data	SCHUKO socket with RCD protection switch
Rated voltage	230 V~, 45-60 Hz
Rated current	16 A
RCD-protected outgoing conductor	Phase, neutral
Rated fault current	30 mA AC and pulsating DC
Switch off time	30 ms
Surge energy capacity	250 A (8/20) µs (DIN VDE 0432 part 2)
Rated short circuit capacity	3 kA with back-up fuse 20 A filament lamp
Rated switching capacity I_m	500 A
I^2t-proof	2.5 kA^2s
Dynamic current capacity I_P	1.7 kA
Mounting orientation	any
Wall box	to DIN 49073 part 1:1990-02
Attachment	Claw or screw fixing
Intended use	EN 61008 part 1 and 2-1: 1994
Operating temperature	-25 to 40 °C
Degree of protection	IP20
Terminals	Plug-in terminals for max. 2.5 mm^2 or 2 x 1.5 mm^2
Insertion depth	32 mm
Supply package	SCHUKO socket with RCD protection switch, enhanced contact protection (child protection) and centre plate

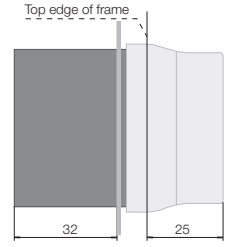
SCHUKO socket with RCD protection switch

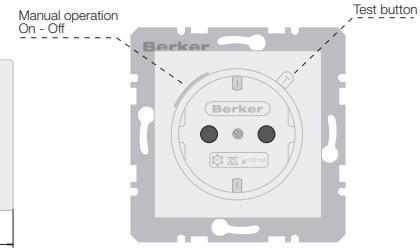
Connection diagram TN-C mains



Connection diagram TN-S or TT mains



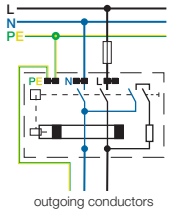




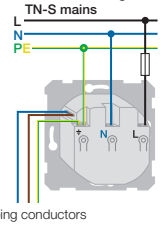
Permissible earthing resistance for 30 mA RCD protection switches for a highest permissible electric shock of:
- 25 V : 833 Ω
- 50 V : 1666 Ω

RCD protection switch

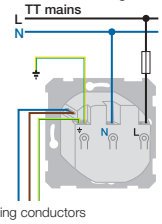
device layout/circuit sketch



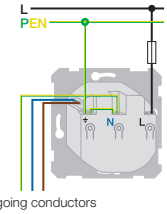
Connection diagram TN-S mains



Connection diagram TT mains



Connection diagram TN-C mains
Only in plants with existing inventory protection permissible.



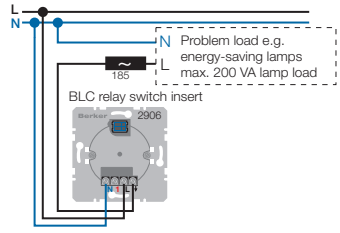
Stranded outgoing conductors are only suitable for screw terminals!

Technical data	RCD protection switch Order no. 2844
Rated voltage	230 V~, 45-60 Hz
Rated current	16 A
RCD-protected outgoing conductor	Phase, neutral
Rated fault current	30 mA AC and pulsating DC
Switch off time	30 ms
Surge energy capacity	250 A (8/20) µs (DIN VDE 0432 part 2)
Rated short circuit capacity	3 kA with back-up fuse 16 A filament lamp
Mounting orientation	any
Wall box	according to DIN 49073 part 1:1990-02
Attachment	Screw fixing
Intended use	EN 61008 part 1 and 2-1: 1994
Operating temperature	-25 to 40 °C
Degree of protection	IP21
Outgoing conductors	stranded 2 x 1.5 mm^2, approx. 20 cm
Terminals	plug-in terminals for max. 2.5 mm^2 or 2 x 1.5 mm^2
Insertion depth	32 mm

Making current limiter



The making current limiter limits the lamp inrush current of problem loads such as energy-saving lamps (this is 32 A per lamp for the Osram Dulux EL), compact fluorescent lamps and fluorescent lamps with electronic ballast (up to 25 A per lamp) to a level that can be carried by a mechanical switch contact (relay). The making current limiter is connected in series with the lamp(s).
Not suitable for dimmers or electronic switches such as BLC Triac or Tronic insert!



Basic circuit with inrush current limiter

Technical data	Making current limiter order no. 185
Connected load	max. 200 VA
Max. operating temperature	max. 65 °C
Dimensions (L x W x H)	45 x 25 x 12 mm (for 60 mm flush-mounted wall box)

Overvoltage protection to

Overvoltages are extremely high voltages that impair or even destroy the insulation of electrical and electronic devices as well as their functions. The main causes for overvoltages are lightning discharges, switching operations (inductive loads), electronic discharges or faulty switching.

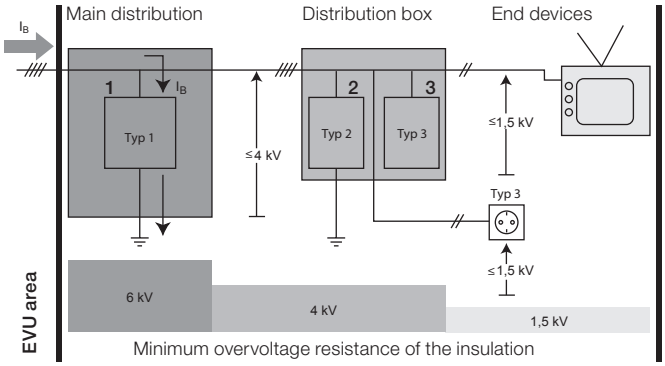
Overvoltage protectors are divided into three categories/types (Table 1).

Classification			Area of application
old	VDE IEC 0675	37A	
Coarse protection	B surge arrester	Class I	Protection against lightning (power supply, main distributor, ...)
Medium-level protection	C surge arrester	Class II	Protection of the fixed installation (power distribution unit, ...)
Fine protection	D surge arrester	Class III	Protection of devices (house electronics, ...)

Tab. 1: Classification of overvoltage protection devices

Sensible overvoltage protection consists of coarse, medium and fine protection.

The arrangement of the overvoltage protection devices in the electrical installation is illustrated in Figure 1 for the different types/classes.



I_B Lightning current

Bild 1: Arrangement of the overvoltage protection devices in the electrical installation

SCHUKO socket outlet with overvoltage protection [4108 .., 4152 ..]

The SCHUKO socket outlet with overvoltage protection is used for protecting power supply units e.g. for:

- Computer systems
- Medical devices
- Measuring, controlling and regulating devices
- TV, video and audio devices

The basic circuitry consists of a combination of varistors and gas-filled surge arresters (Figure 2). Varistors can be overloaded as a result of too high or too frequent overvoltage demand. The result is an increased leakage current through the components. This causes heat to build up. A thermal cut-off device monitors the varistors and disconnects these from the mains before they heat up too much. The mains voltage is still present.

If the cut-off triggers, the red indicator lamp lights up red regardless of whether or not a plug is connected to the socket outlet. If a device is plugged in, an acoustic fault signal (buzzer) sounds and falls silent again as soon as the connector plug is pulled out.

Active indicator lamps on the device indicate:

- Green: Mains voltage is present
- Red (+ Signal tone): Thermal cut-off device has responded, there is no protection against overvoltages anymore. The SCHUKO socket outlet with overvoltage protection must be replaced.

Installation instructions:

- Overvoltage protection according to EN 61643-11 and VDE 0675 Section 6-11 surge arrester type 3, One Port
- Requirement class for D surge arrester
- Installation in wall box according to DIN 49 073 Section 1
- Lay lines as short as possible between the load and socket outlet with overvoltage protection. Do not provide more than 4 m including leads of wired-through socket outlets (Figure 4).
- Do not lay protected cables parallel to unprotected cables (overvoltage coupling).

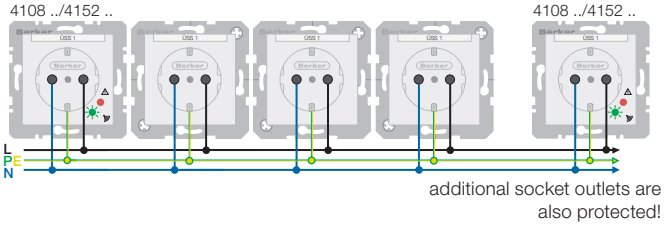


Bild 2: Installation in combination with SCHUKO socket outlets

Discharge of overvoltages against ground by means of overvoltage protection can cause the triggering of residual current circuit-breakers. Use a surge resistant residual current circuit-breaker if necessary.

During insulation measurements, all overvoltage protection units must always be disconnected since the protection components limit the test voltage (erroneous measurements).

Technical data

SCHUKO socket outlet with overvoltage protection	Order no. 4108 .., 4152 ..
Rated voltage	230 V~, 50/60 Hz
Rated current I_N	16 A
Operating current I_C at U_r	< 2.3 mA
Surge arrester rated voltage U_r	255 V~
Discharge current according to PE at U_r	< 1 µA
Rated discharge current of surge protection I_{sn} (8/20) µs: sym./asym.	1.5 kA (100x)
Discharge current i_s max (8/20) µs: sym./asym.	4.5 kA (1x)
Protection level: L/N (L/PE; N/PE)	< 1.2 kV (1.5 kV)
Response time t_a: sym./asym.	25 ns/100 ns
Screw terminals for rigid conductors	2.5 mm²
Temperature range	-5 … 40°C

Module for overvoltage protection [142]

The module for overvoltage protection provides additional overvoltage protection within a load circuit. Such overvoltages occur, e.g. when switching off fluorescent lamps, discharge lamps and other inductive loads and can e.g. damage transformers if the peak voltages (spikes) exceed 1500 V.

Installation instructions:

- Install inductive loads and electronic transformers in separate load circuits to prevent damage due to overvoltage.
- Load circuits, e.g. with electronic transformers, can also be protected by a module.
- 1 module for overvoltage protection is sufficient for 10 transformers.
- In the case of dimmed systems, switch the overvoltage protection module before the dimmer (Figure 3).

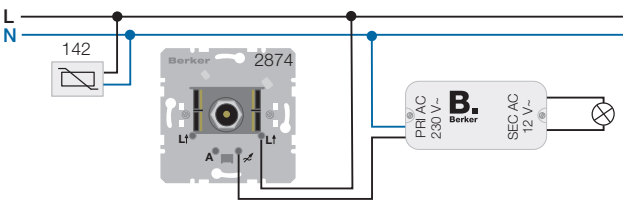


Bild 3: Connection example with dimmer and electronic transformer

Technical data

Overvoltage protection module	Order no. 142
Rated voltage	230 V~, 50/60 Hz
Discharge current i_s (8/20)	4.5 kA (1x); 1.0 kA (100x)
Residual voltage I_s (1kA)	approx. 1000 V
Operating temperature	-25 ... 80 °C
Connections	flexible conductor 1.5 mm², 200 mm long

Antenna technology terms

Tap: for connecting one or more branch cables to a continuous trunk cable. The level of the branched signal is dependent on the attenuation of the branch.

ADR (Astra Digital Radio): digital audio radio programmes on a subcarrier analog TV transponder.

Azimuth: azimuth means the alignment of the south-facing satellite aerial (horizontal angle)

Band: band denotes a frequency range between two specified values.
Ku-Band: satellite transmission frequency band
SAT-bands: (SAT-IF, Input-IF) intermediate frequency bands used by satellite receivers:
950 - 1,750 MHz (standard band)
950 - 2,050 MHz (extended band)
700 - 2,050 MHz (further extended band)
High band frequency range 11.7 to 12.75 GHz of a satellite. Here mostly only digital programmes are broadcast.
Low band frequency range 10.7 to 11.7 GHz of a satellite. Systems with older LNBs cannot receive the whole range of the band (typically only 10.950 to 11.7 GHz analog).
CATV bands
BK bands
Band I (VHF), channel 2 - 4
Band II (UKW), frequency 87.5 - 108 MHz
USB Band, Lower Special Channel Range (VHF), channels S2 - S10
Band III (VHF), channels 5 - 12
OSB Band, Upper Special Channel Range (VHF), channels S11 - S20
Hyperband (VHF), channels S21 - S38
Bands IV and V (UHF), channels 21 - 69

Bandwidth: expression for a range of frequencies contained with a specific band.

BER (Bit error rate): denotes the quality of a data signal after it has been receives and demodulated. The lower the rate, the better the signal.

CATV: abbreviation for Community Antenna Television. Reception of radio and TV programmes using a community aerial. Used internationally in cable TV networks as cable television or broadband cable networks.

Conditional Access (CA) System: controls the access by users to services and programmes which are encrypted for copyright or commercial reasons.

Common Interface (CI): uniform interface for digital set-top boxes for PCMCIA modules with card readers for smart-card by practically all Pay-TV companies.

DAB (Digital Audio Broadcasting): designation for digital radio. The system offers additionally capacity for data transmission. Data compression is carried out using MPEG-2.

Data Rate: data bits transmitted per second. Is expressed in kbit/s or Mbit/s. The higher the data rate the better the transmitted signal.

Data Reduction: compression of image and sound signals. Redundant information is left out.

Attenuation loss: measurement in dB (decibel) resulting from the cabling and components.

Attenuation adjustment: to compensate for the frequency-dependant cable attenuation

dB - decibel: value often used to express the attenuation of a cable or a stage, or also the gain of an amplifier, aerial etc.

d-box: digital set-top box for Premiere World.

DiSEqCTM (Digital Satellite Equipment Control): Switching signal generated by the satellite receiver, for controlling and switching LNB and multi-switches. This allows several satellite positions for rotary and multi-feed systems to be controlled. DiSEqC is a trade mark of the European Satellite Organization (EUTELSAT) and arose out of cooperation between EUTELSAT and Phillips.

Dolby Digital Sound Processing: this enables a digital surround sound to be reproduced in a home cinema system.

Pass-through attenuation: reduction in the signal level at each output, e.g. at distributors, aerial sockets etc.

DVB (Digital Video Broadcasting): transmission of video and sound signals in digital form. DVB-S stands for satellite cable transmission, DVB-T for terrestrial cable transmission and DVB-C for cable transmission.

Single-cable system: matrix for distributing 1.SAT-ZF satellite programmes using a cable network in a tree structure.

Elevation: by elevation is meant the vertical angle (inclination) of the aerial

EPG (Electronic Programme Guide): electronic program guide

Decoupling attenuation (directional attenuation) attenuation of the output sockets relative to each other

FEC (Forward Error Correction): a technique for reducing the error rate in a data transmission. Additional bits are inserted into the data stream so that error correction algorithms can be used on reception.

Field strength meter: an instrument used by technical staff to measure the signal strength of a radio or TV channel. The same instrument can be used for precise alignment of the aerial so that the maximum signal strength is achieved and for the checking the signal level at connections to community systems.

Free-to-Air: free-to-air receivers receive exclusively free (non-encrypted) programmes.

Gain: unit of measurement expressed in dB for the amplification capabilities of a parabolic aerial or an amplifier. Gain is the opposite of attenuation. The gain of an aerial depends on the diameter of the parabolic mirror and its efficiency. The larger the better!

Coaxial cable: shielded cable with inner and outer conductor, insulated from each other by a material (solid PE / cellular PE), which ensures a very small signal loss. The outer conductor (shield) serves to protect the inner conductor against external interference, and thus minimises the signal loss on the inner conductor. Cable recommendation for satellite reception: low attenuation approx. 27 dB/100m at 2,000 MHz and shielding class > 90 dB (class A).

LNB - Low Noise Block converter: a feed system also known as LNC. Reception unit at the focus of the parabolic mirror, which converts the high-frequency satellite downlink into a 1.Sat intermediate frequency suitable for the receiver. The main distinctions are:
Single Universal LNB for 1 subscriber high band and low band
Twin Universal LNB for 2 subscribers (twin receiver) high band and low band
Quattro Switch LNB for 4 subscribers high band and low band
Quattro Switch LNB with 1 terrestrial input for 4 subscribers high band, low band and terrestrial
Quattro Universal LNB for multi-switch with 4 outputs (horizontal/vertical/high band/ ow band)
Octo Switch LNB for 8 subscribers high band and low band

LNB Skew (LNB Tilt): LNB Skew denotes the rotation of the LNB in relation to its vertical position in the bracket. This allows precise positioning of the LNB to obtain the best possible reception quality (e.g. in Germany 42° East is required for Tüksat).

LOF (Local Oscillator Frequency): stated in MHz or GHz, varies depending on the LNB and reception frequency range. In the Ku band the relationship is: transmission frequency of the satellite - LOF = receiver reception frequency

MPEG-2: data compression process for images and sound. In contrast to conventional analog technology (where 25 full images with all information are transmitted per second) the MPEG process deals with only the actual changes in the image.

Multi-feed: a technique that allows reception of multiple satellites using one a single fixed aerial.

Multi-switch: conventional distributors are insufficient to distribute satellite signals. Each subscriber must be able to switch between different reception levels, frequency ranges and even different satellites. Only by this means is reception of all programmes possible. For this, an electronic changeover switch is required, which is called a multi-switch (up to 100 subscribers). Many models also allow a feed of conventional terrestrial programmes. When receiving from 2 or more satellites the DiSEqC switch is required, which controls multi-switches and also receivers.

Network Search: some transponders receive within the digital data stream a list with the data for other transponders, so as for example to facilitate a search for all programmes of a provider, which may occupy several transponder frequencies. Data transmitted in this way are however often incorrect or incomplete.

Aperture angle: the aperture angle of a SAT aerial can be regarded as denoting the "angle of view" of the SAT aerial towards the satellite. It is expressed in degrees and depends on the design and size of the SAT aerial. To prevent interference from nearby satellites it is recommended that the aperture angle should where possible be less than 3 degrees. SAT aerials of diameters from 60 cm offer this capability.

List of the most used designs for **parabolic mirror** satellite (reception) aerials. Concentrates the electromagnetic waves in the feed system (LNB).

Signal Level Adjuster: for reducing levels that are too high (cable equalisation)

Polarisation: this is plane of the electrical components of an electromagnetic wave (direction of oscillation). For satellite transmission two different planes are used: the horizontal and the vertical (linear polarisation), the better to exploit the frequency spectrum.
The system is based the bands for two adjacent channels being positioned so they partially overlap each other. The interference that could result is prevented by polarising the two channels in different planes.

QAM (Quadrature Amplitude Modulation): digital modulation process with phase shift keying, used for transmission in cable networks.

QPSK (Quadrature Phase Shift Keying): digital modulation process used for satellite transmission.

Return Channel: projected interactive applications such as home shopping or Internet access require a return channel. This can for example be provided by a modem incorporated within the digital receiver.

SMATV (Satellite delivered Master Antenna Television System): communal system that has been extended for the reception of satellite signals.

SR (Symbol Rate): parameter that must be entered to allow manual searching of the receiver (e.g. 22000, 27500).

Terrestrial: denotes all radio services on the surface of the earth with the exception of space and astronomical broadcasting. A "normal" (terrestrial) domestic aerial can receive TV and radio programmes.

Tone-Burst: a type of Mini-DiSEqC has been defined as an economical way of extending old systems to a wider circuit configuration (in addition to 14/18 Volt and 22 kHz). This is often referred to as Simple DiSEqC or as Tone-Burst. This merely modulates a sequence of bits "0" (satellite A) or "1" (satellite B) to the 22 kHz signal. The Tone-Burst signal was developed to permit simple changing over between two LNBs and is suitable for controlling relays (two inputs at one output) and for the new Monoblock LNB. For SAT position A the 22 kHz signal is sent continuously, for SAT position B it is pulsed. A Tone-Burst signal lasts for about 12.5 ms.

Transponder frequency containing multiple channels. In analog systems a TV program and multiple sound channels can be transmitted for each transponder. In digital systems (QPSK) is the transmission capacity is 6-10 TV programmes with sound channels.

Carrier: wave at very high frequency, which by means of modulation is able to convey a radio or TV signal over a very great distance.

Carrier/Noise: describes the signal quality of the aerial that is forwarded to the receiver. (also C/N ratio). The C/N ratio is measured in dB and must always be above the threshold level (> 6 dB) of the receiver.

Twin-Receiver: satellite receiver with two separate independent reception components in one box (e.g. for independent connection of a TV receiver and a video recorder)

Triple play capability to use broadband cable for broadcasts (television), telephone and Internet. Twin receiver satellite receiver with two separate, independent receivers in a single housing (e.g. for independent connection of a TV receiver and a video recorder).

USB-Box: external box which is connected to the PC through the USB port (Universal Serial Bus). This external box allows digital radio and TV programmes, and also multi-media services to be received by satellite.

Power Supply: the satellite receiver supplies the LNB with power via the coaxial cable. The voltage of the supply also determines which polarisation plane is returned by the LNB. 14 Volt = vertical, 18 Volt = horizontal polarisation planes.

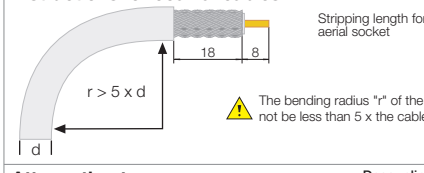
Distributor: for distributing the energy of an incoming main trunk cable into two or more trunk cables.

Amplifier: for increasing the aerial signal level

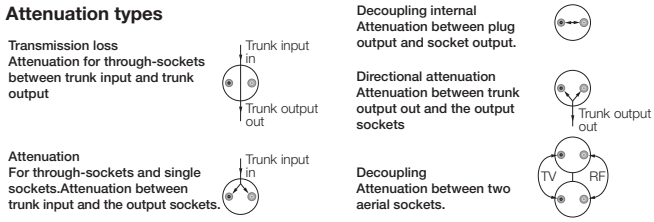
Video bit rate: quantity of data transmitted per second by a digital video signal.

Switch: for combining or splitting frequency ranges and individual channels.

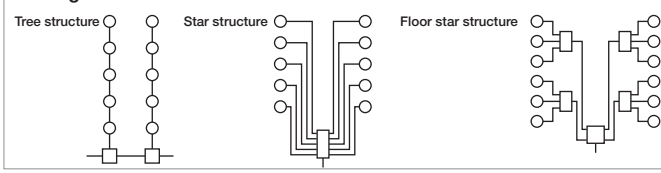
Instructions for coaxial cables



Attenuation types



Cabling structures



Planning recommendations

Terminal boxes have no decoupling, and are always branched with splitters. The connection at a branch is also called a spur, and only here can a terminal box be connected. At the through passage of a splitter, on the other hand, only through-sockets or other splitters may be connected. Distributors (too little decoupling) only through-sockets can be connected, because only in this manner will the de-coupling be sufficient. The last through-socket must be terminated with a 75 ohm terminating resistor.

Noise factor C/N

The signal-to-noise ratio is the ratio, expressed in decibels, of the signal power to the noise power. The noise factor indicates how much smaller the signal-to-noise ratio at the output of an active module (e.g. amplifier) is than the signal-to-noise ratio at the input.

Signal-to-noise ratio	Noise	picture quality
< 46 dB	not visible	very good
37 dB	visible, but not annoying	good
30 dB	clearly visible, annoying	unsatisfactory
< 26 dB	outweighs	unusable

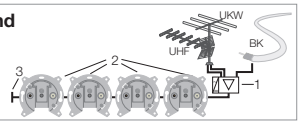
Level recommendation at the aerial sockets based on EN 50083-7:

Frequency (measuring device setting)	Level in dBµV (unsensitiv) min.	Level in dBµV (unsensitiv) max.	Slope max.	noise factor/Quality/ bit error rate
UKW 87,5 - 108 MHz (FM)	50	70	15	C/N: 38 dB Mono C/N: 48 dB Stereo
Terrestrial analogue 87,5 - 108 MHz (VSB-AM)	60	80	12	C/N: 44 dB
Terrestrial digital 47 - 862 MHz (COFDM)	45	70	12	C/N: 25 dB; BER: < 2.0 E-4 (before Viterbi FEC 3/4) | MER: 24 dB
CATV analogue 47 - 862 MHz (VSB-AM)	60	80	12	C/N: 44 dB
CATV digital 47 - 862 MHz (64-QAM)	47	67	12	BER: 2.0 E-7 MER: 30 dB
SAT-IF analogue 950 - 2150 MHz (FM)	47 (55)	77 (70)	15 (7)	C/N: 15 dB at 27 MHz C/N: 12 dB at 36 MHz
SAT-IF digital 950 - 2150 MHz (QPSK)	47 (53)	77 (70)	15 (7)	C/N: 11 dB; BER: 2.0 E-4 (before Viterbi FEC 3/4) MER: 15 dB

- LCD, plasma and 100 Hz televisions need larger signal-to-noise ratios for a visually less noisy picture (50 dB). The level should not exceed 74 dB.
- Execute the system as a star topology if possible
- Install splitters and distributors in accessible spaces
- Install coaxial cables in ductwork systems
- Observe bending radii of the coaxial cables
- Install amplifiers in dry spaces with their own power supply
- Provide a ductwork connection to basement storage
- Connect building distribution network to building equipotential bonding
- Frequency range broadband cable network BC: 47 - 862 MHz
- Frequency range SAT-IF: 950 - 2400 MHz
- Dimension aerial sockets for broadband
- Shielding efficiency building distribution network min. 75 dB better according to Class A
- Use return path compatible components for connection to the backbone

Aerial system terrestrial and/or broadband cable BK in tree structure

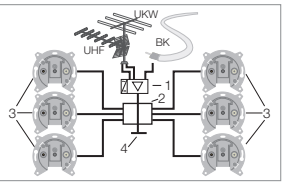
1: Amplifier
2: Aerial socket 2-hole Pass-through socket order no. 4515
3: Terminal resistor order no. 4503



Aerial system terrestrial and/or broadband cable BK in radial structure

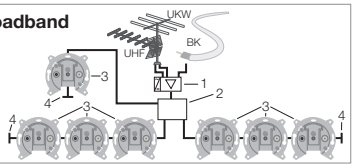
1: Amplifier
2: Tap
3. Aerial socket 2-hole Single socket order no. 4502
4: Terminal resistor order no. 4503

⚠ If only 1 aerial socket is available in a broadband cable system, a through box with terminating resistor must be used.



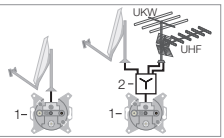
Aerial system terrestrial and/or broadband cable BK in tree/radial structure

1: Amplifier
2: Distributor
3: Aerial socket 2-hole pass-through socket order no. 4515
4: Terminal resistor order no. 4503



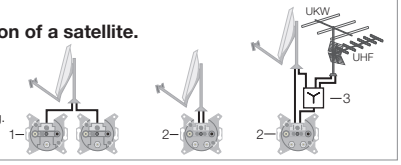
SAT aerial system with single universal LNB for analog and digital reception of a satellite.

1: Aerial socket 3-hole single socket order no. 4522
2: Switch for insertion of terrestrial signals e.g. for regional FM/TV reception.



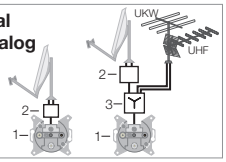
SAT aerial system with twin universal LNB for 2 receivers or twin receiver for viewing one channel and recording another, e.g. 2 x Astra. For analog and digital reception of a satellite.

1: Aerial socket 3-hole
Single socket order no. 4522
2: Aerial socket 4-hole
Single socket order no. 4594
3: Switch for insertion of terrestrial signals e.g. for regional FM/TV reception.



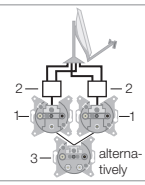
SAT aerial system with 2 squinting single universal LNBs e.g. for Astra and Eutelsat reception For analog and digital reception of two satellites.

1: Aerial socket 3-holeSingle socket order no. 4522
2: DiSEqC switch
3: Switch for insertion of terrestrial signals e.g. for regional FM/TV reception.



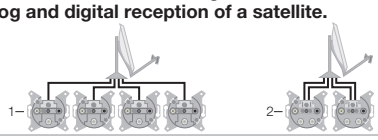
SAT aerial system with 2 squinting single universal LNBs e.g. for Astra and Eutelsat reception For analog and digital reception.

1: Aerial socket 3-hole single socket order no. 4522
2: DiSEqC switch
4: Aerial socket 4-hole single socket order no. 4594
4-hole aerial socket for viewing one channel and recording another.



SAT aerial system with Quattro switch LNB e.g. for 4 receivers, e.g.4 x Astra. For analog and digital reception of a satellite.

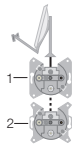
1: Aerial socket 3-hole
Single socket order no. 4522
2: Aerial socket 4-hole
Single socket order no. 4594



Aerial system SAT with single universal LNB for approx. 3 aerial sockets. For analog and digital reception of a satellite. Also for use behind a multi-switch!

1: Aerial socket 3-hole pass-through socket order no. 4593
2: Aerial socket 3-hole single socket order no. 4522

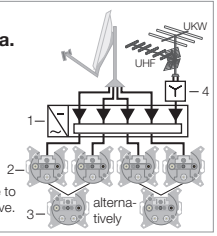
Function: If both aerial sockets are used at once, the plane (horizontal or vertical) is determined at the first aerial socket and so only this is available to be received at the second aerial socket.



Aerial system SAT with Quattro universal LNB for analog and digital reception of a satellite, e.g. Astra.

1: Multi-switch with amplifier
2: Aerial socket 3-hole single socket order no. 4522
3: Aerial socket 4-hole single socket order no. 4594
alternatively 4-hole aerial socket for viewing one channel and recording another.
4: optional switch or amplifier only when the terrestrial input is being used.

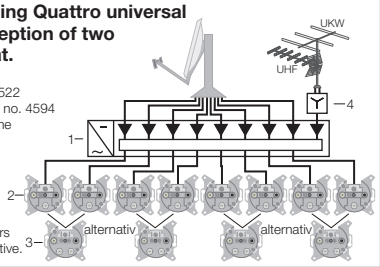
By cascadable multi-switches and taps/distributors expandable to > 100 subscribers optionally with terrestrial input as an alternative.



SAT aerial system with 2 squinting Quattro universal LNBs for analog and digital reception of two satellites e.g. Astra and Eutelsat.

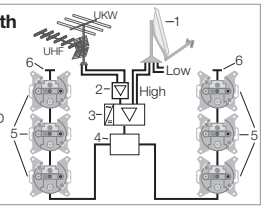
1: Multi-switch with amplifier
2: Aerial socket 3-hole single socket order no. 4522
3: Aerial Aerial socket 4-hole single socket order no. 4594
alternatively 4-hole aerial socket for viewing one channel and recording another.
4: optional switch or amplifier only when the terrestrial input is being used e.g. for regional FM/TV 1 reception.

By cascadable multi-switches and taps/ distributors expandable to > 100 subscribers optionally with terrestrial input as an alternative.



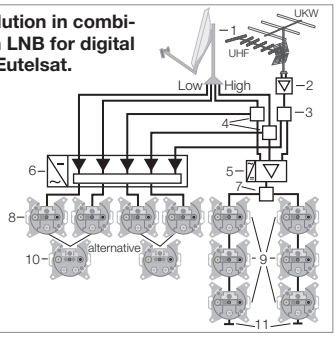
Antenna system SAT single-cable solution with Quattro Switch LNB for digital reception of a satellite, e.g. Astra or Eutelsat.

1: SAT antenna from Hirschmann type: CS 400
2: Amplifier from Hirschmann type: GNS 320
3: Digital single-cable system device from Hirschmann type: CEF 211 D
4: Distributor 4gang from Hirschmann type: VFC 0741 SF
5: Aerial socket 3-hole throughpass socket order no. 4523
6: Terminating resistor order no. 4503
Functional only with the specified types.



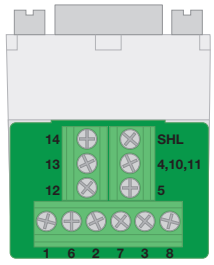
Antenna system SAT single-cable solution in combination Multiswitch on Quattro Switch LNB for digital reception of a satellite, e.g. Astra or Eutelsat.

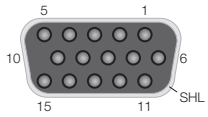
1: SAT antenna from Hirschmann type: CS 400
2: Amplifier from Hirschmann type: GNS 320
3: Distributor from Hirschmann type: VFC 0421
4: Distributor from Hirschmann type: VFC 0421 SF
5: Digital single-cable system device from Hirschmann type: CEF 211 D
6: Multiswitch from Hirschmann type: CKR 5041
7: Distributor from Hirschmann type: VFC 0631 SF
8: Aerial socket 3-hole single box Order no.: 4522
9: Aerial socket 3-hole throughpass socket Order no.: 4523
10: Aerial socket 4-hole single box order no. 4594
11: Terminating resistor order no. 4503
Functional only with the specified types.



VGA module

The VGA module is used to connect display devices to a graphics card. VGA cables can, depending on their quality, even at lengths of less than 5 m be susceptible interference, or may still transmit a good signal a more than 30 m. Cables suitable for high frequency cables with a coaxial construction are advantageous for the colour channels.





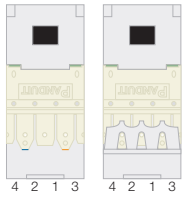
PIN	Transfer signal	Conductor
1	Red	Coaxial wire
2	Green	Coaxial wire
3	Blue	Coaxial wire
4*	Monitor ID Bit 2	Twisted pair wire (optional connection)
5	Earth	Twisted pair wire
6	Red earth	Coaxial shield
7	Green earth	Coaxial shield
8	Blue earth	Coaxial shield
9	Not assigned	Not contacted
10*	Synch, earth	Twisted pair wire
11*	Monitor ID Bit 0 or digital earth	Twisted pair wire (optional connection)
12	Monitor ID Bit 1	Twisted pair wire (optional connection)
13	Horizontal synchronisation	Wire 1
14	Vertical synchronisation	Wire 2
15	Monitor ID Bit 3	Not contacted
SHL	Housing shielding	Outer shielding

* are connected together to a terminal.

S-Video module

The S-Video (also known as Separate Video, Y/C) module is used in order to transmit brightness (luminance) and colour (chrominance) information separately. The cable length should not exceed 10 m.

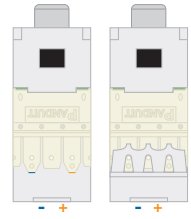
PIN	Transfer signal
1	Luminance (Y) earth
2	Chrominance (C) earth
3	Intensity (luminance) Y
4*	Colour (chrominance) C





Cinch module

Cinch (RCA) designates a standardised connector for transmission of electrical signals, preferably via coaxial cables. The use of other types of cables is not widespread, but is possible.

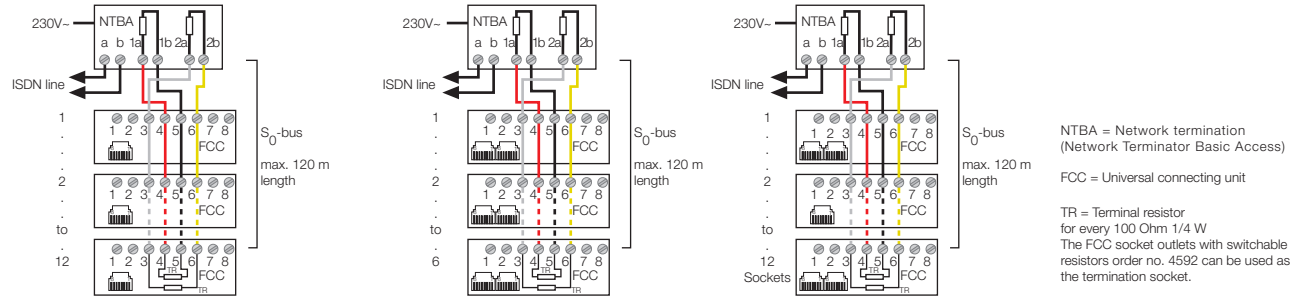




Arrangement in cable in star 4 configuration



Connection variants on ISDN-S_0 bus



⚠ Maximum 12 FCC socket outlets 1gang, with a total of 8 terminal devices connected. (max. 4 telephones and 4 other devices)

⚠ Maximum 12 FCC socket outlets 1gang, with a total of 8 terminal devices connected. (max. 4 telephones and 4 other devices)

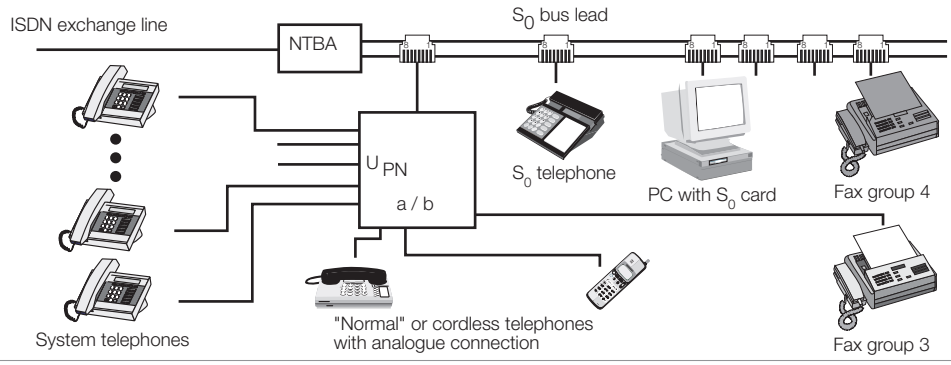
⚠ Maximum 12 FCC sockets, with a total of 8 terminal devices connected.(max. 4 telephones and 4 other devices)

NTBA = Network termination (Network Terminator Basic Access)

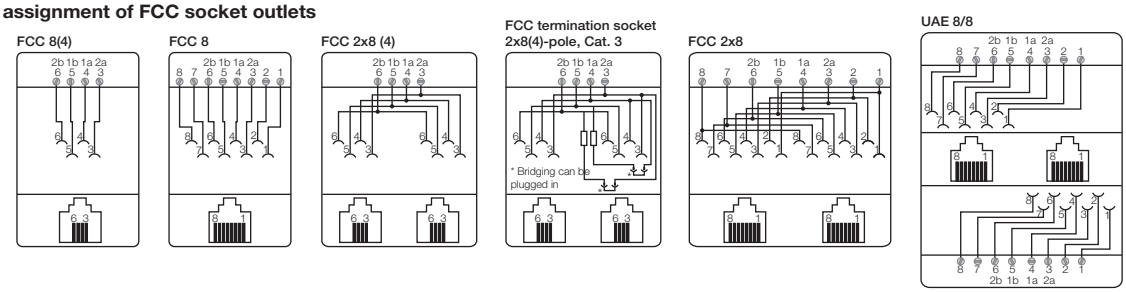
FCC = Universal connecting unit

TR = Terminal resistor for every 100 Ohm 1/4 W
The FCC socket outlets with switchable resistors order no. 4592 can be used as the termination socket.

ISDN system

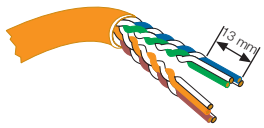


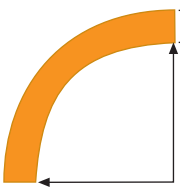
Pin assignment of FCC socket outlets



Notes on Cat. 5 and 6 cables

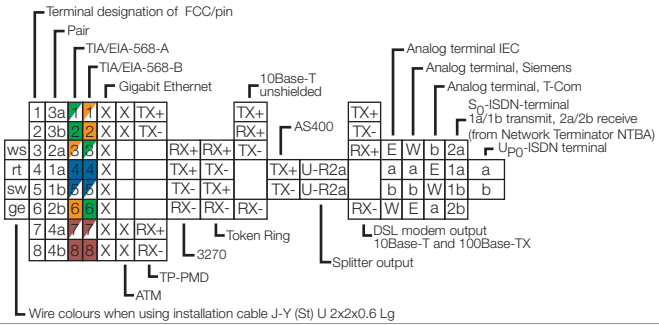
⚠ The twisted pairs must not be untwisted more than 13 mm, otherwise the transmission properties will change. For shielded cables, connect the screen.





⚠ The bend radius " r " of the cable must not be less than 4 x the cable diameter "d". (r > 4 x d)

Contact assignment FCC RJ45



Definition of terms

Resolution Measure of the size of a picture, measured by the number of pixels (pixel density) or in the number of rows and columns (width and height).

HDCP (High Bandwidth Digital Content Protection) Copy protection for high bandwidth digital program contents in conjunction with DVI and HDMI.

MPEG (Moving Video Expert Group) Reduction method for image and sound data. In contrast to analogue methods (here, 25 complete images with all the relevant information are transmitted per second), the MPEG method uses only actual image changes and calculates the full image to be displayed.

DVB (Digital Video Broadcasting) Standardised method to transmit compressed (MPEG-2, H.264) digital content (TV, radio, multi-channel sound, spatial sound, interactive services). DVB-S stands for satellite transmission, DVB-T for terrestrial and DVB-C fir cable.

Interface standards

USB (Universal Serial Bus) [USB / 3.5 mm audio socket outlet, order no. 33 1539 ..] Serial bus system to connect computer systems and display devices to external devices or storage media. Connection is possible during operation. The properties of connected devices are detected automa-tically. For home cinemas, storage media such as USB sticks and hard drives help to expand the recording devices for connection to pure playback devices.

HDMI (High Definition Multimedia Interface) [High Definition socket, order no. 33 1542 ..] Interface for fully-digital transmission of audio and video data. HDMI video data are reverse-compatible to DVI-D.

DVI (Digital Video Interface) Standard interface for transmitting image data. This interface can be used to connect display devices such as LCD displays, projects, TFT monitors, plasma displays or video cameras to the graphics card of a computer.

Video transmission signals:
- **DVI-I:** analogue and digital
- **DVI-D:** digital
- **DVI-A:** analogue

Audio standards

Dolby® Digital (also termed 5.1 sound) Digital multichannel audio system for cinemas and home cinemas. Successor system to Dolby Surround (or also Dolby 2.0). Dolby® Digital supports up to 6 discreet channels (5 loudspeakers, 1 subwoofer) and uses imperfect data compression.

Dolby® TrueHD Loss-free audio codec, specially developed for use on Blu-ray.

Video standards

HD ready Technical specification for a device to play back high-definition television (HDTV):
- Analogue component input (YPbPr / YUV)
- Digital, copy-protection-capable (HDCP) input (DVI-D/-I or HDMI)
- Support of the HD video formats 720p and 1080i (for 50/60 Hz image repeat rate)

Full HD Ability of a HDTV-compatible device (receiver, TV, DVD player, video camera, games console, etc.), to output or record HD resolutions. Due to different manufacturer designs (1080p full images, 1080i half images), this is not an indication of the image quality, image dimension or the display output of the device.

HDTV (High Definition Television) Global digital recording, production and transmission standard for television with a usable image resolution of up to 1920 × 1080 pixels in a 16:9 format.

	PAL	HDTV	
		HD ready (720p)	Full HD (1080i/1080p)*
Logo		HD ready	Full HD 1080
Vertical resolution (image lines)	576	720	1080
Horizontal resolution (image columns)	720	1280	1920
Pixels (max.)	414720	921600	> 2 million
format	4:3	16:9	16:9
Frequency	50 Hz	50 – 60 Hz	50 – 60 Hz

Table 1: TV standards and data

***1080i** (interlaced, half image method)
Advantage: Half transmission rate
Disadvantage: Half images must be recombined through a converter in the TV device

***1080p** (progressive, full image method)
Advantage: No subsequent combination of the images requires, as all 1080 are shown simultaneously with full pixel accuracy within a frame
Disadvantage: Very high transmission rate

Digital video formats	
VCD	352 x 288 pixels
SVCD	576 x 480 pixels
DVD	max. 720 x 576 pixels
Blue-ray disc	max. 1920 x 1080 pixels

Table 2: Resolution of current PAL video formats

Video images with a low resolution of a 4:3 side ratio (SD, standard definition) must be scaled up for playback on HDTV devices. Detail losses lead to a poorer image quality.

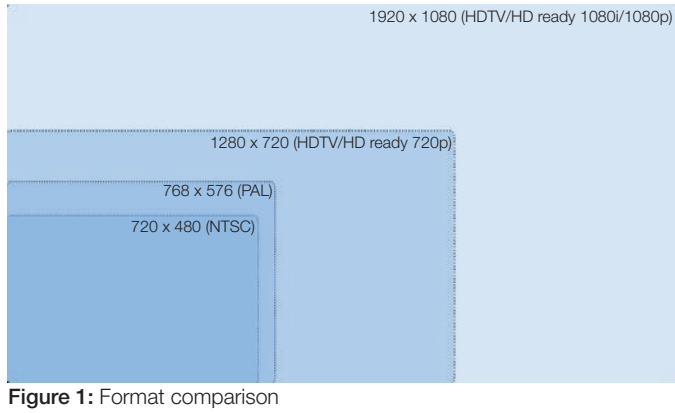
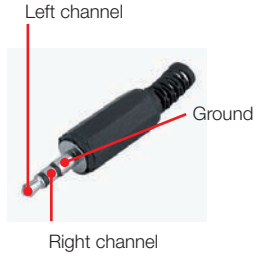


Figure 1: Format comparison

Connectors

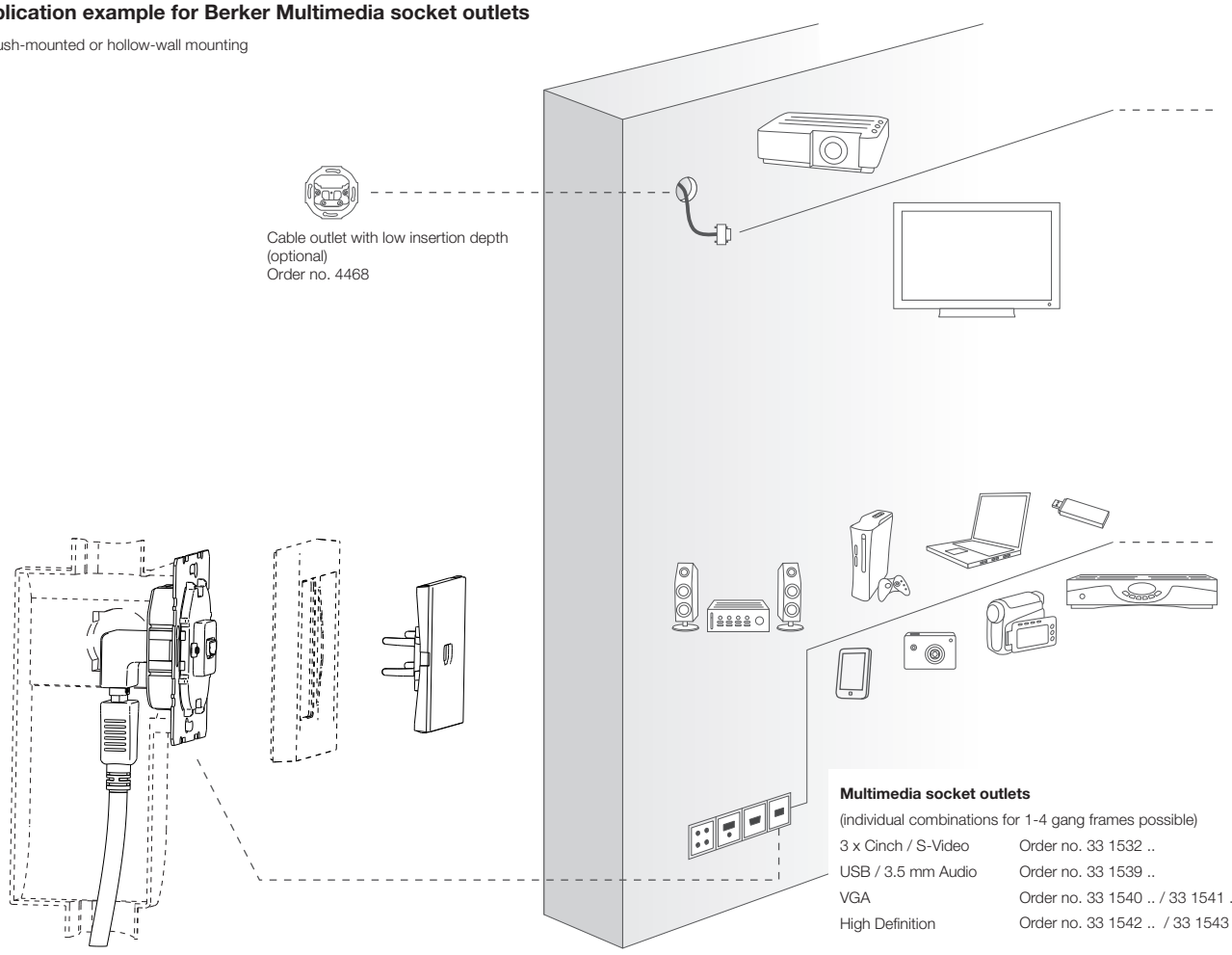
Jack connector [USB / 3.5 mm Audio socket outlet, Order no. 33 1539 ..]



(usually 2.5 or 3.5 mm Ø) to connect portable audio playback devices (e.g. iPod, CD/DVD or MP3 player) to AV receiver or amplifier.

Application example for Berker Multimedia socket outlets

for flush-mounted or hollow-wall mounting

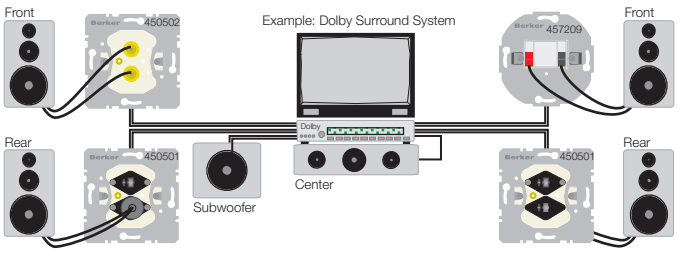


Multimedia socket outlets

(individual combinations for 1-4 gang frames possible)

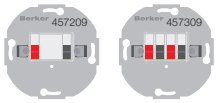
3 x Cinch / S-Video	Order no. 33 1532 ..
USB / 3.5 mm Audio	Order no. 33 1539 ..
VGA	Order no. 33 1540 .. / 33 1541 ..
High Definition	Order no. 33 1542 .. / 33 1543 ..

Loudspeaker inserts

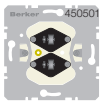




Loudspeaker socket outlet High End
with 2 plug connectors, 2 banana plugs and 2 metal type cable lugs gold-plated cable lugs for cable cross-sections up to max. 10mm² for 1 loudspeaker



Loudspeaker and stereo loudspeaker connection box
with plug-in terminals for cable cross-sections up to max. 10mm²for 1 or 2 loudspeakers



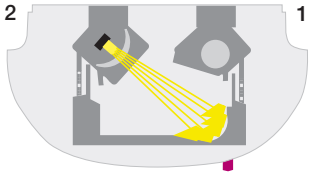
Stereo loudspeaker socket outlet
with 2 integral speaker sockets to DIN 41529:1988-01 for 2 speakers

Smoke detector VdS, 9 V [19149, 19249]
Smoke detector VdS Q, 6 V longlife [19159, 19259]

In nearly all German Federal states, smoke detectors are legally prescribed by the state law. An overview regarding the corresponding regulations of the individual states is available on the internet at: **rauchmelderpflicht.net/rauchmelderpflicht-deutschland/**

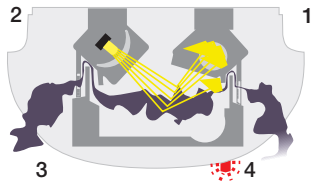
Function

Mode of operation of optical smoke detectors



1 Photo receiver
2 Opto transmitter

Bild 1: Smoke detectors in normal state



1 Photo receiver
2 Opto transmitter
3 Smoke
4 Light guide rod (LED)

Bild 2: Smoke detector at smoke entry

In normal status, the opto transmitter emits light beams into the measuring chamber.

If smoke enters the measuring chamber, the light beams are scattered by the suspended particles of smoke and deflected to the photo-receiver. The smoke thus detected triggers the alarm. When the measuring chamber is once again free of smoke, the alarm is reset.

Product characteristics

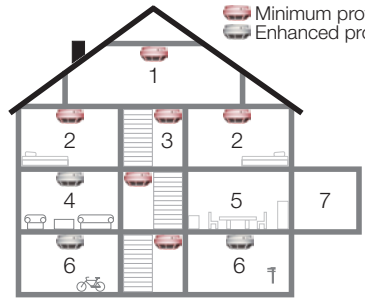
The smoke detectors **VdS, 9 V** and **VdS Q, 6 V longlife** have been designed as a domestic smoke detectors, for use in self-contained living areas such as flats and single family houses as well as on boats or in caravans/mobile homes.

- Works according to the scattered light principle (Tyndall effect)
- Detection of the slightest smoke emission e.g. when smouldering or open fires first start.
- Loud integrated Piezo siren
- Smoke build-up is measured and the automatic self-test function executed in a 10-second cycle
- Manual test at any time by means of test button with LED display
- Manual, temporary mute of the alarm by means of test button possible
- Operation of smoke detector **VdS, 9 V** by means of 9 V block battery (included in scope of delivery)
- Operation of smoke detector **VdS Q, 6 V longlife by means of** fixed integrated lithium capsule (not exchangeable)
- Battery power loss is signalled for at least 30 days by two short recurring beeps every 60 seconds and a recurring flashing LED every 5 seconds

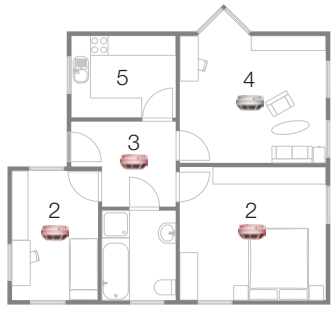
Special features for product variant VdS Q, 6 V longlife

- In addition to the VdS certification in accordance with EN 14604, which is tested according to the even more stingent test criteria of the Q Llabel certification developed by the Association for the Promotion of German Fire Protection (VfdB), and certified with the Q Label (also see VfdB Directive 14-01)
- Increased lifetime of approx. 10 years

Planning examples



1 Attic
2 Bedroom
3 Hallway
4 Living room
5 Kitchen
6 Cellar
7 Garage



*The exact requirements to minimum protection are to be taken from the country-specific directives.

Bild 3: Minimum*- and enhanced protection of houses and flats

Minimum protection by means of smoke detectors:

- in every bedroom and in every children's room for waking in case of smoke alarm
- in every hallway that is adjecent to one ore more living rooms and serves as an escape route to get out off the rooms (on every floor)

Enhanced protection by means of smoke detectors

- Protection of the entire living area by means of smoke detectors
- The mounting distance e.g. in long hallways should not be longer than 10 m between two smoke detectors

Installation

Installation location

- on the ceiling
- in or as near as possible to the centre of the room
- Within acoustic range of all occupants

Unsuitable installation locations

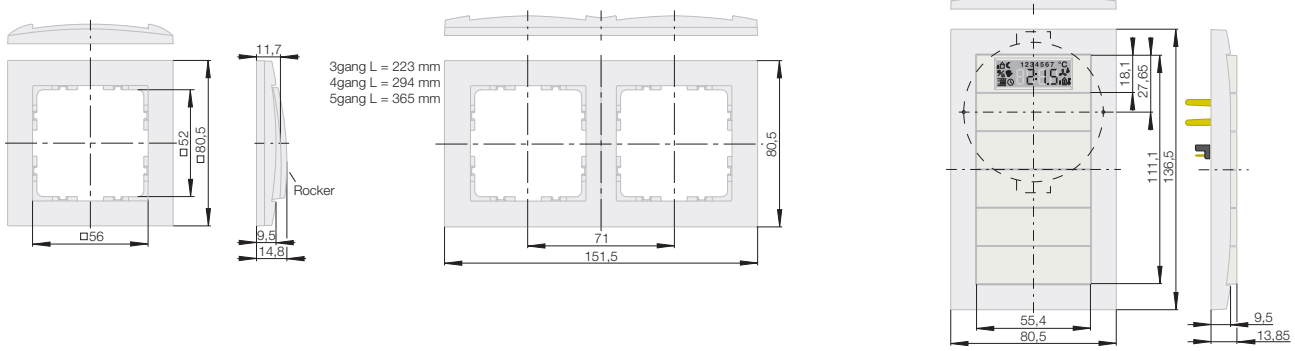
Installation locations listed in the following can lead to false alarms or malfunctions of the smoke detector.

- Rooms with high levels of steam, dust or smoke, such as kitchen, bathroom, garage, workshop or stables
- Close to fireplaces and open chimneys
- In places where draughts may keep smoke away from the smoke detector, e.g. close to windows / ventilation flues
- Close to fluorescent / energy saving lamps whose electric fields can trigger false alarms (minimum distance 50 cm)
- Corners (e.g. corners of rooms/roof gables) or near walls. In case of fire, smoke-free air can accumulate there and prevent the smoke from being detected. (minimum distance to walls/corners 50 cm)
- In rooms with a height exceeding 6 m
- Rooms with temperatures below 0 °C or above +55 °C

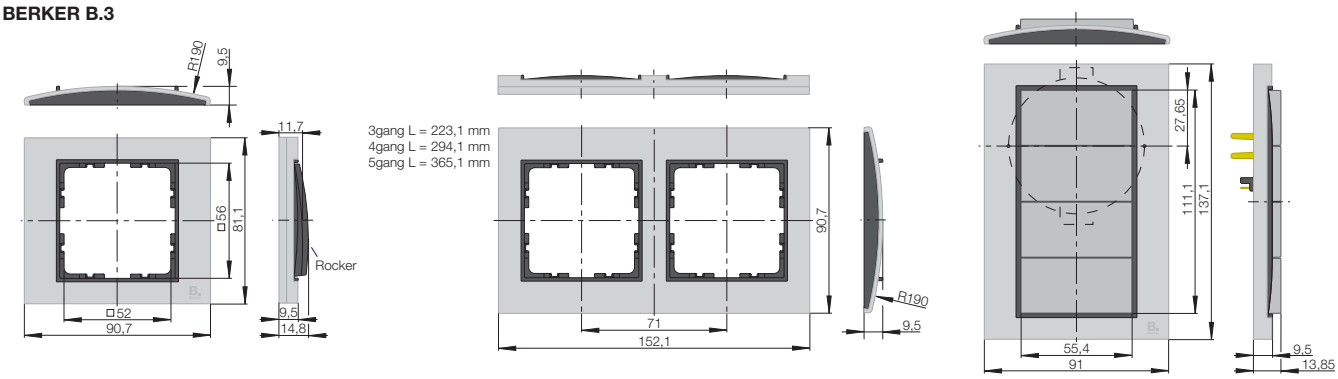
Technical data

Smoke detector	Order no. 19149 19249	Order no. 19159 19259
Operating voltage	Block battery 9 V=	integrated lithium-capsule 6 V=
Signal tone at a distance of 3 m	85 dB(A)	85 dB(A)
Monitoring area (installation height max. 6 m)	max. 50 m²	max. 50 m²
Operating temperature	0 ... +55 °C	0 ... +55°C
Recommended usage period	max. 5 years	max. 10 years
Degree of protection	IP32	IP32
Approval according to	VdS	VdS and Q-Label
Dimensions with socket (Ø x assembling height)	127 x 49 mm	127 x 49 mm

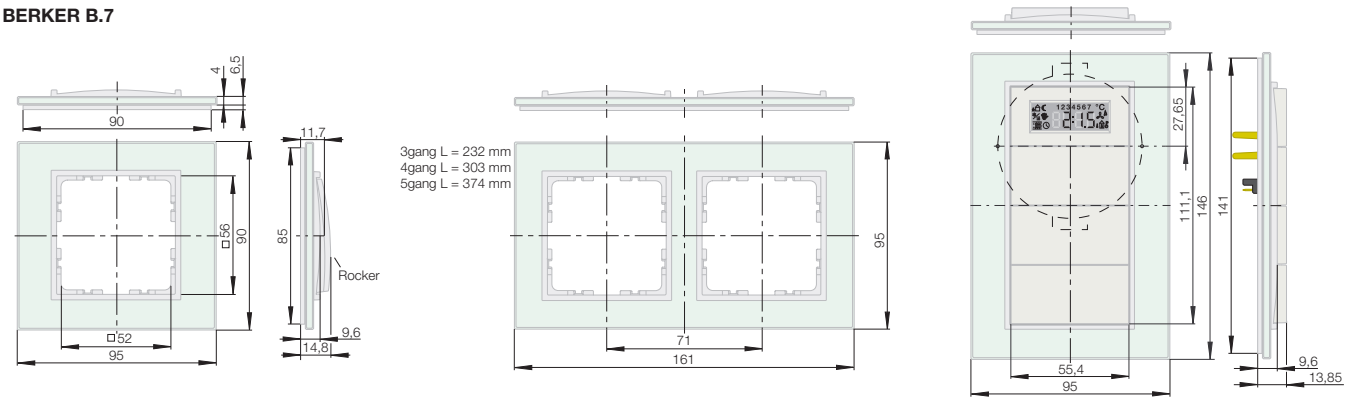
BERKER S.1



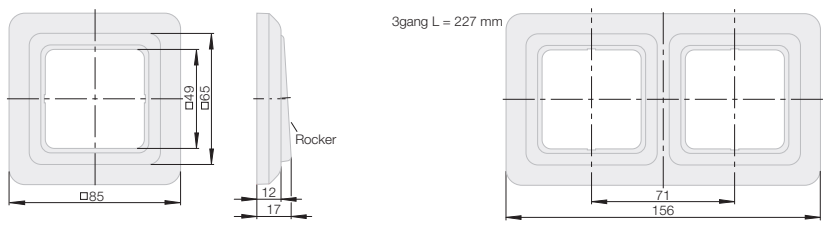
BERKER B.3



BERKER B.7

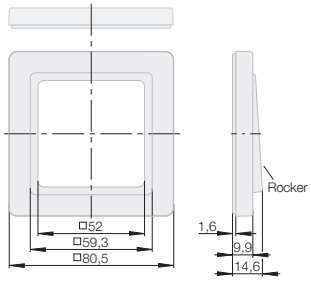


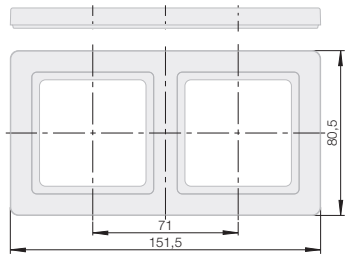
SPLASH-PROTECTED FLUSH-MOUNTED IP44



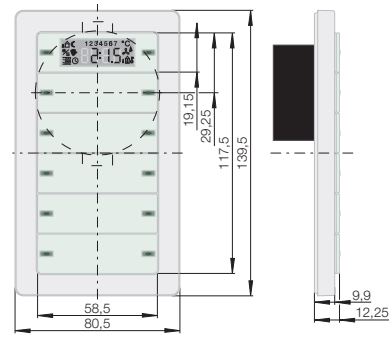
DIMENSIONAL DRAWINGS
BERKER Q.1/Q.3/BERKER K.1/K.5/BERKER ARSYS

BERKER Q.1

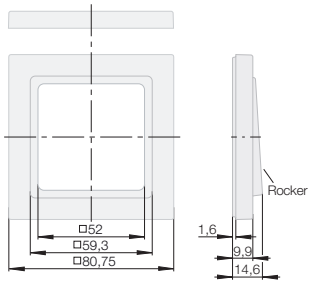


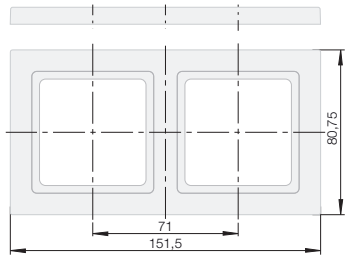


3gang L = 222,5 mm
4gang L = 293,5 mm
5gang L = 364,5 mm

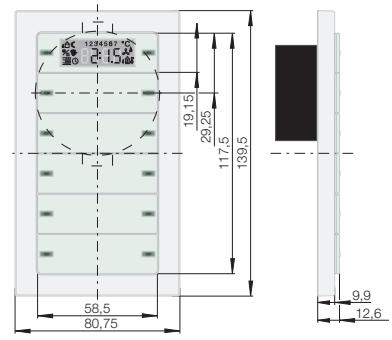


BERKER Q.3

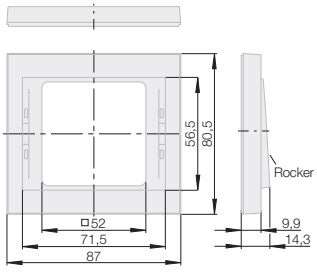


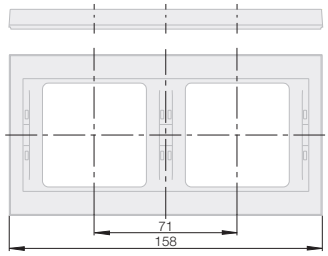


3gang L = 222,5 mm
4gang L = 293,5 mm
5gang L = 364,5 mm

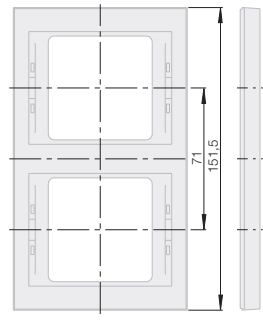


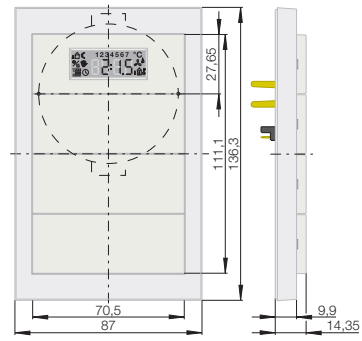
BERKER K.1/K.5





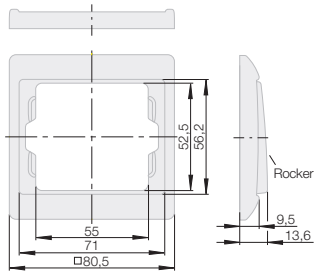
3gang horizontal L = 229 mm
4gang horizontal L = 300 mm
5gang horizontal L = 371 mm

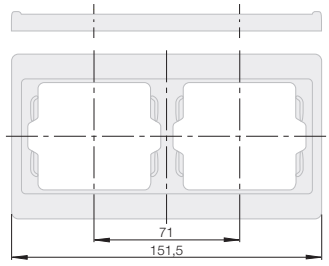




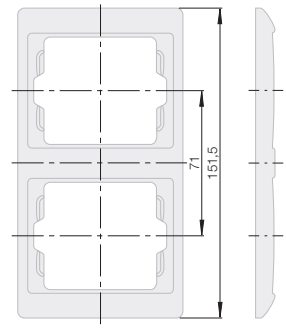
3gang vertical L = 222,5 mm
4gang vertical L = 293,5 mm
5gang vertical L = 364,5 mm

BERKER ARSYS

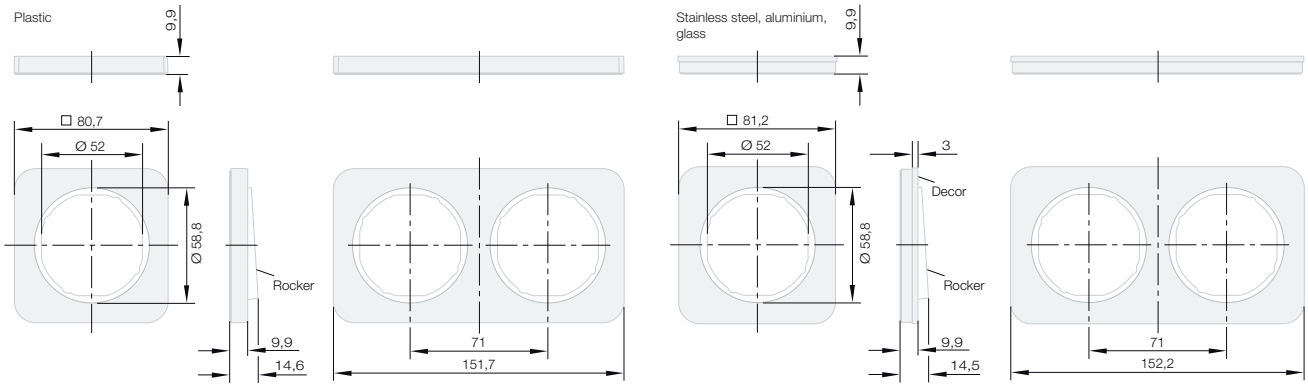




3gang L = 222,5 mm
4gang L = 293,5 mm
5gang L = 364,5 mm



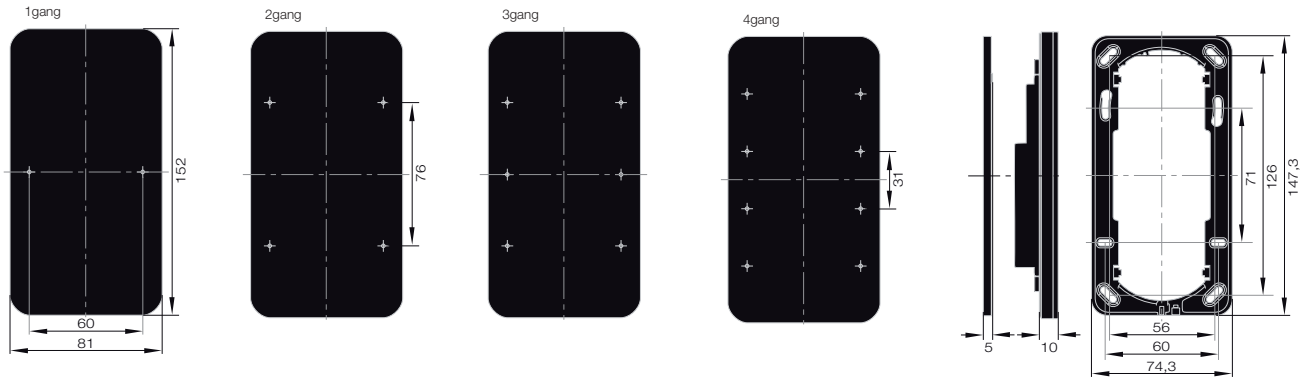
BERKER R.1



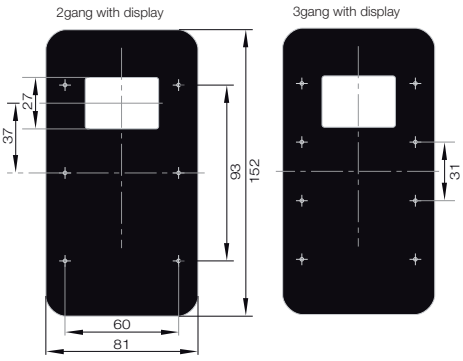
3gang L = 222,7 mm
4gang L = 293,7 mm
5gang L = 364,7 mm

3gang L = 223,2 mm
4gang L = 294,2 mm
5gang L = 365,2 mm

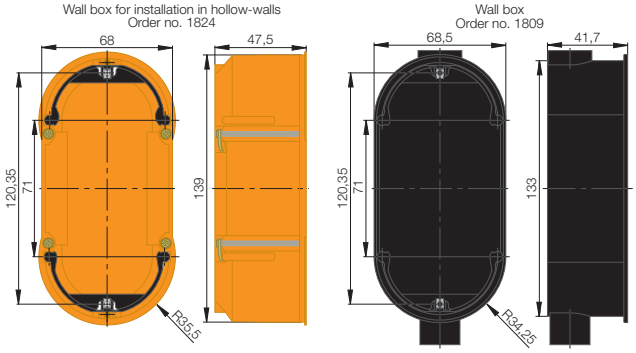
BERKER R.1 - TOUCH-SENSOR



BERKER R.1 - TOUCH-SENSOR WITH THERMOSTAT



Wall boxes



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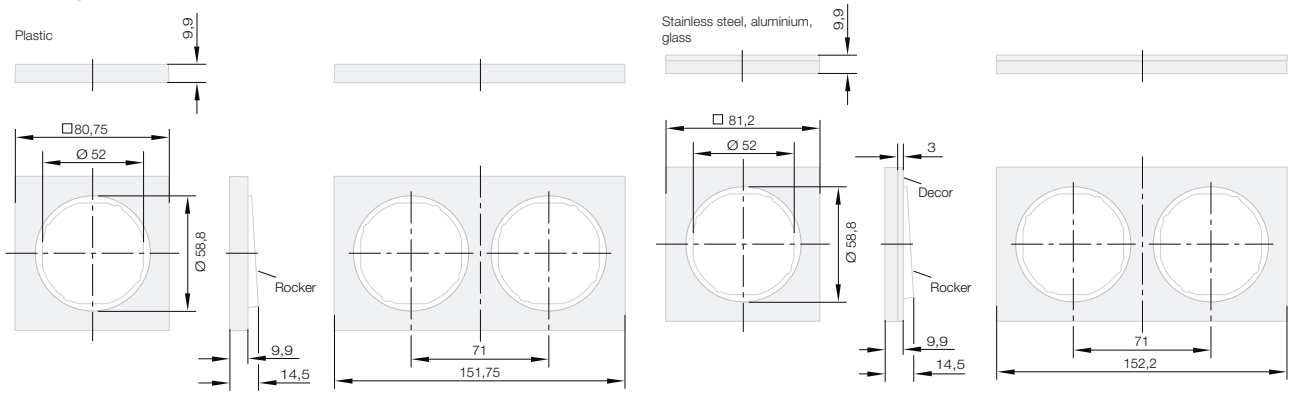
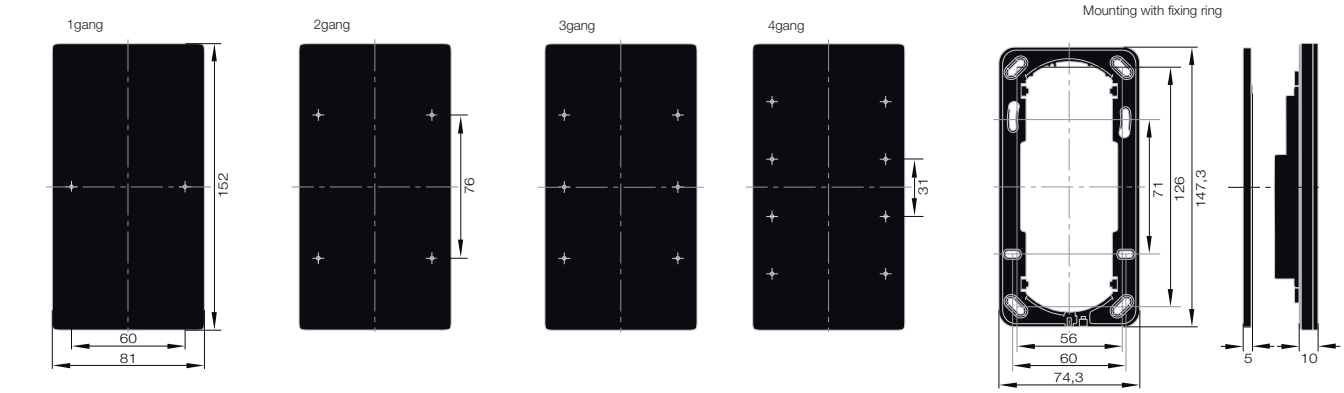


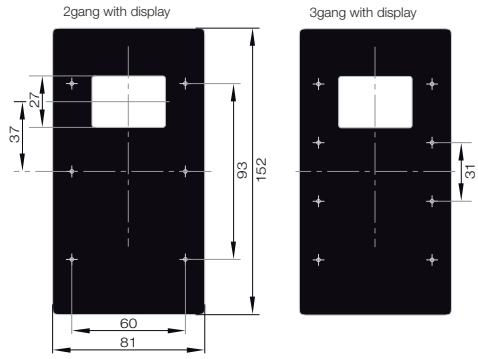
3gang L = 222,7 mm
4gang L = 293,7 mm
5gang L = 364,7 mm

3gang L = 223,2 mm
4gang L = 294,2 mm
5gang L = 365,2 mm

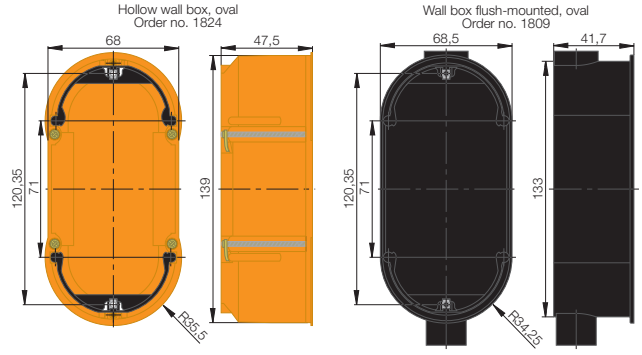
BERKER R.3 - TOUCH-SENSOR



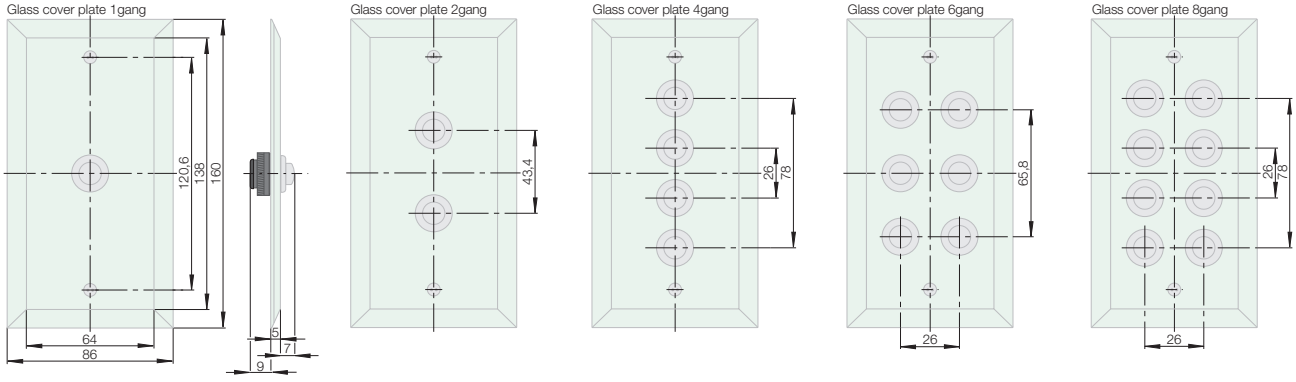
BERKER R.3 - TOUCH-SENSOR WITH THERMOSTAT



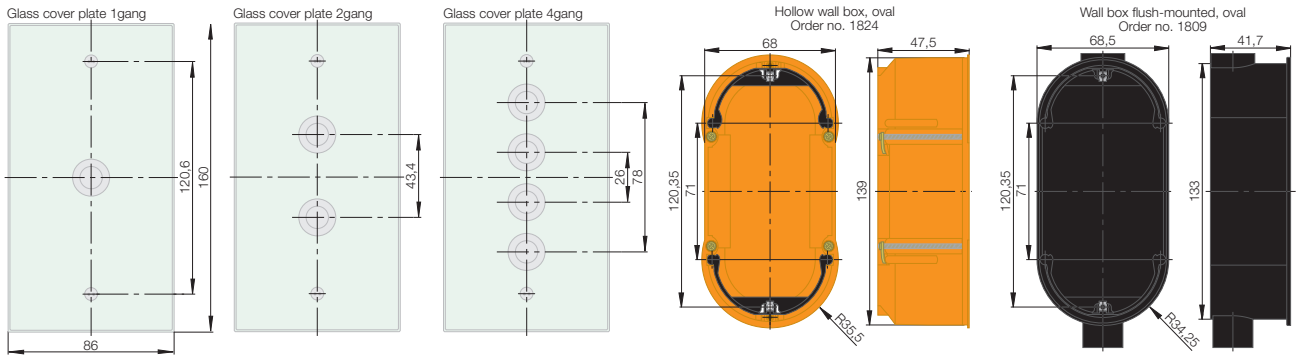
Wall boxes



BERKER TS

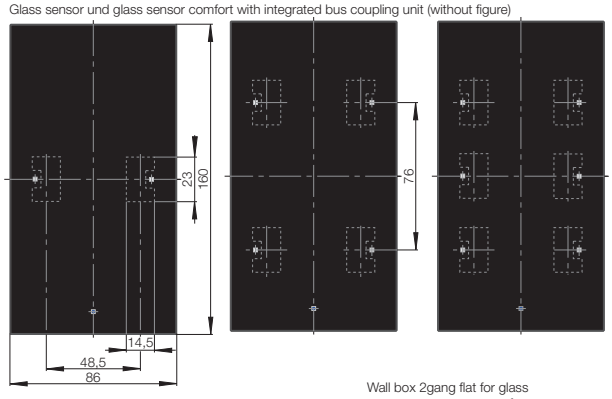


Wall boxes

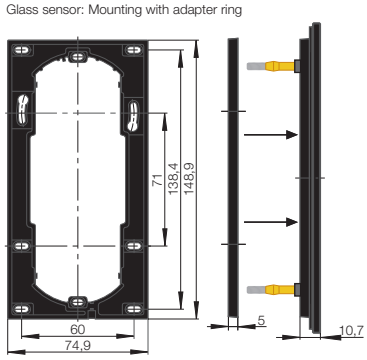


BERKER TS SENSOR

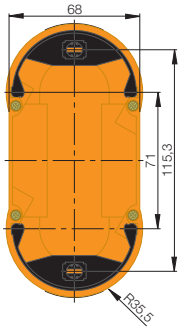
Glass sensor und glass sensor comfort with integrated bus coupling unit (without figure)



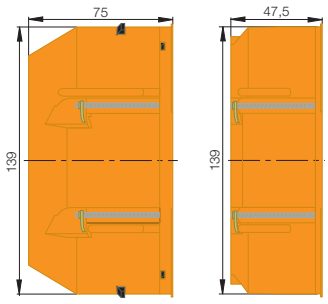
Glass sensor: Mounting with adapter ring



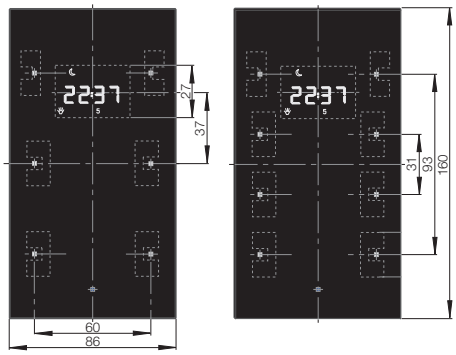
Wall box 2gang for glass sensors from Berker TS, order no.1870



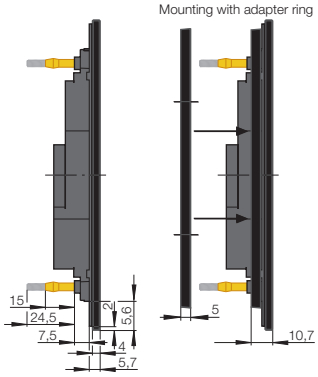
Wall box 2gang flat for glass sensors comfort and glass sensors with thermostat, order no. 1871



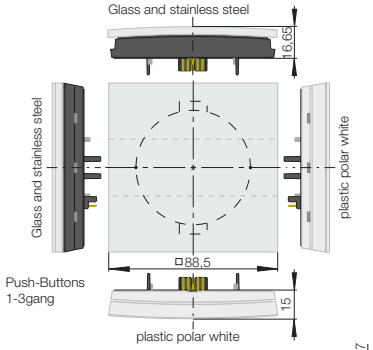
Glass sensor with thermostat

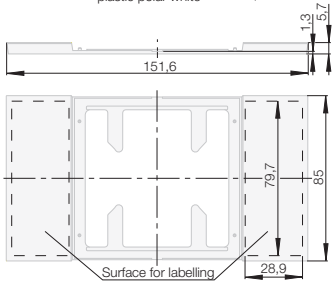


Mounting with adapter ring

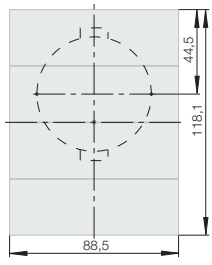


BERKER B.IQ

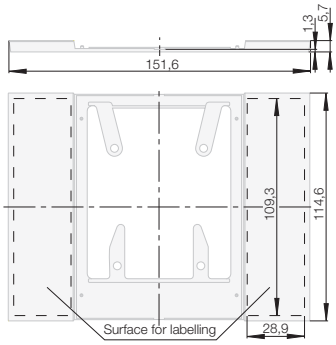




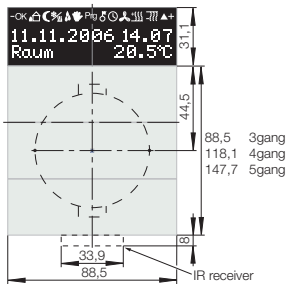
Labelling field for B.IQ push-buttons 1gang, 2gang, 3gang



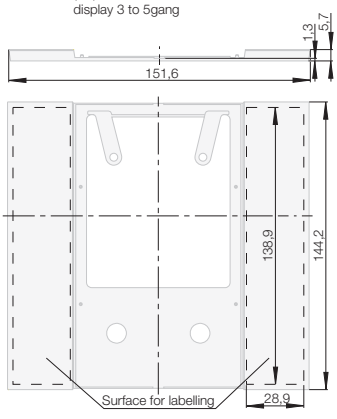
Push-button 4gang and push-button for light scenes



Labelling field for B.IQ push-buttons, 4gang



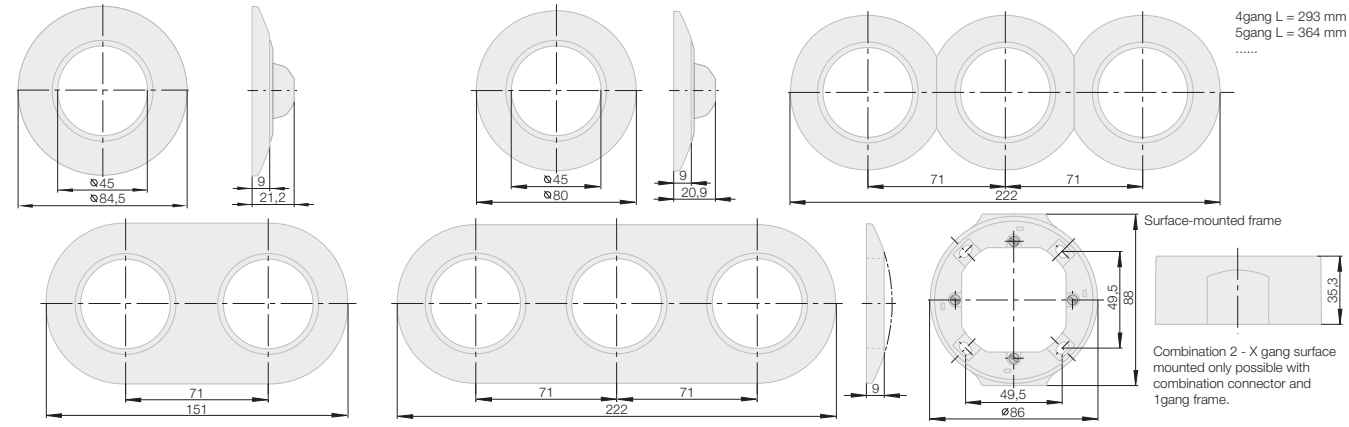
(IR-)Push-buttons with thermostat and display 3 to 5gang



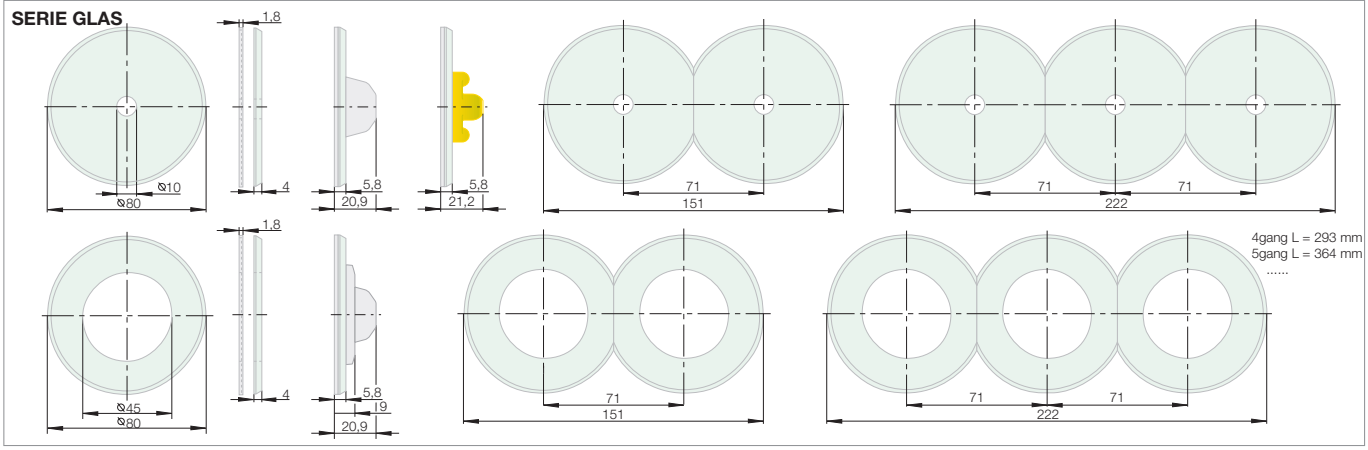
Labelling field for B.IQ push-buttons, 5gang

DIMENSIONAL DRAWINGS
SERIE 1930/GLAS/R.CLASSIC

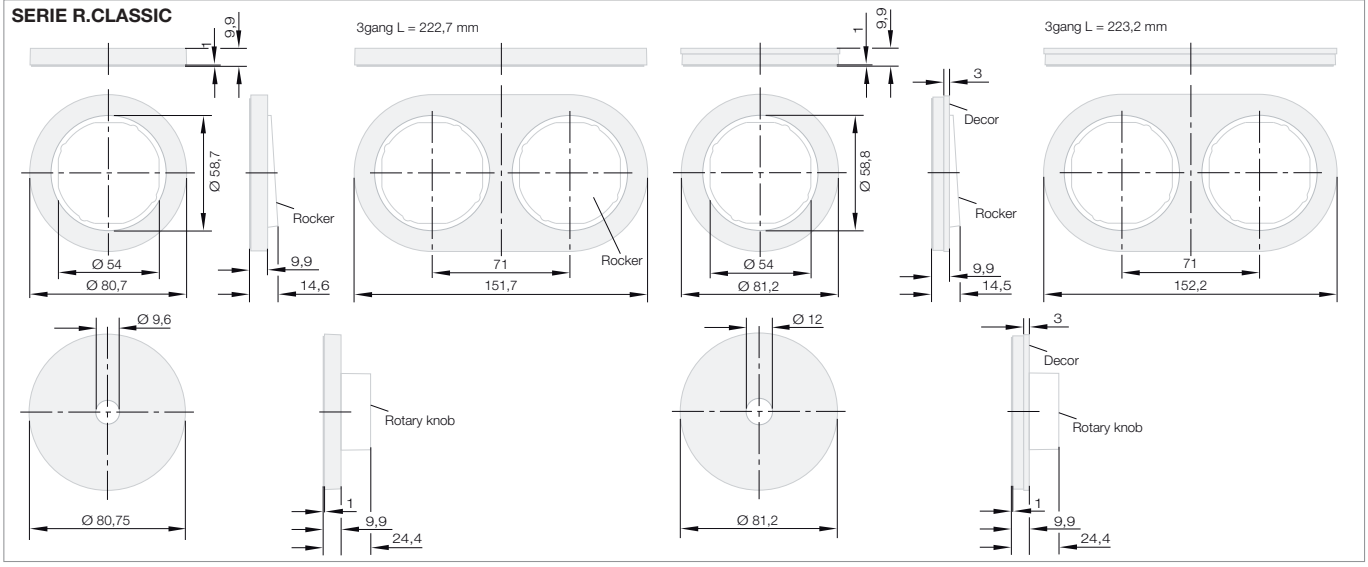
SERIE 1930 PORZELLAN MADE BY ROSENTHAL / SERIE 1930



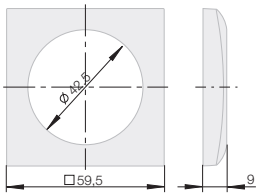
SERIE GLAS

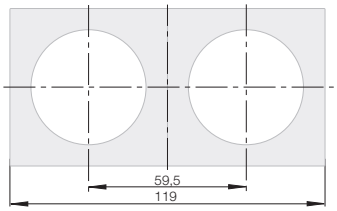


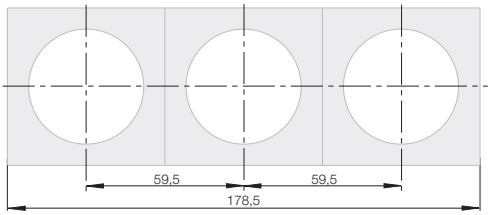
SERIE R.CLASSIC



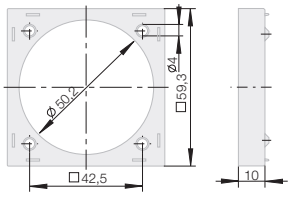
BERKER INTEGRO FLOW



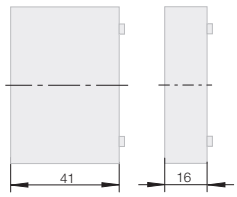




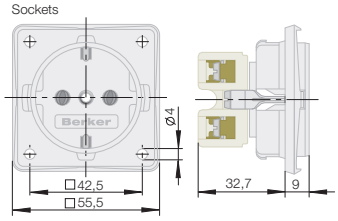
Surface-mounted spacer ring



Surface-mounted housing

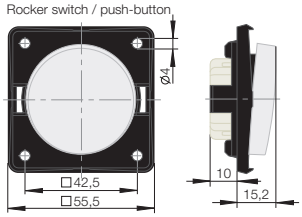


Sockets

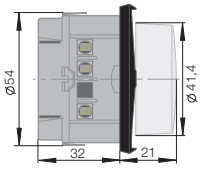


Attention!
To fasten the inserts, use flat headed screws of size M3 or M3.5.

Rocker switch / push-button



Rotary dimmer with setting knob 400 W

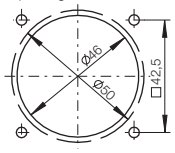


System	Insertion depth
SCHUKO socket	32,7 mm
Socket with earth pin	29,5 mm
Socket without earth contact	29,6 mm
Danish socket	27,5 mm
Swiss socket, type 13	28,0 mm
USA / Canada socket NEMA 5-15 R	19,5 mm
Italien socket	34,0 mm
Australien socket	16,5 mm
Euro-Amerikanischer standard socket	21,3 mm
British Standard socket	20,5 mm

BERKER INTEGRO FLOW

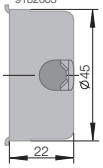
Installation cut-out

Ø 46 mm or Ø 50 mm depending on wall box

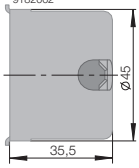


Contact protection boxes

9182001
9182003



91820
9182002



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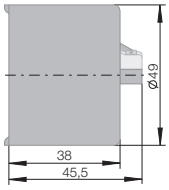

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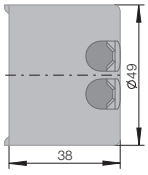
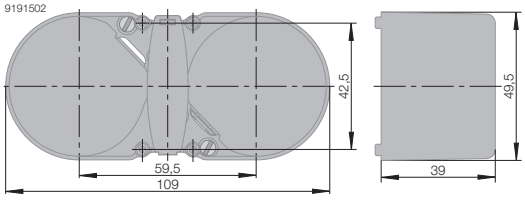
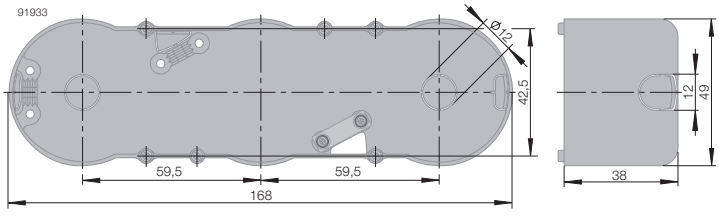


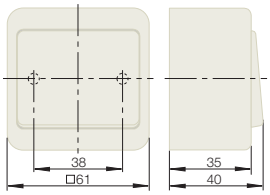
9191501
9191502

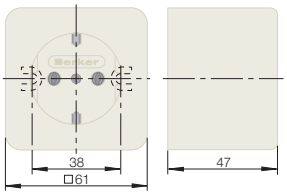


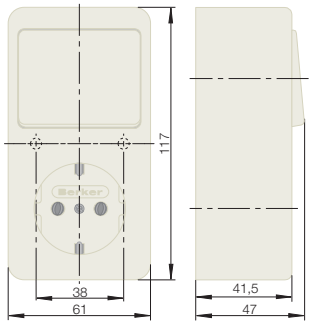
91933

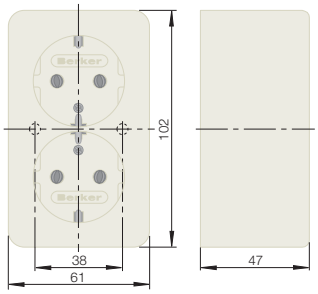


SURFACE-MOUNTED



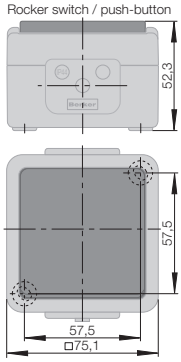




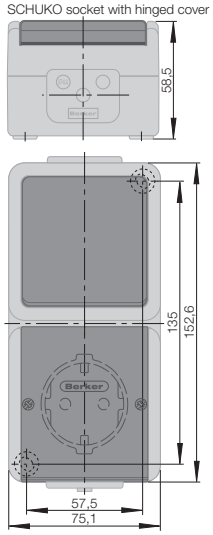


SURFACE-MOUNTED WET-ROOM INSTALLATION - AQUATEC

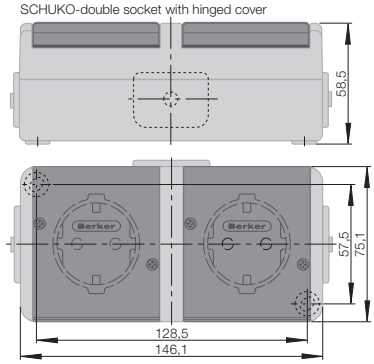
Rocker switch / push-button



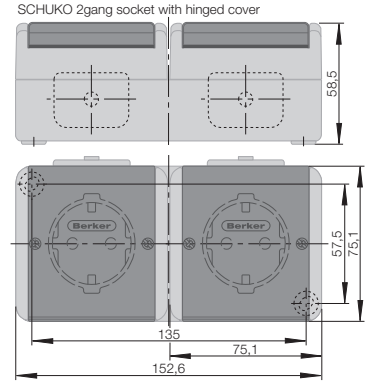
Combination rocker switch/
SCHUKO socket with hinged cover



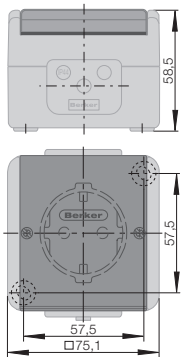
SCHUKO-double socket with hinged cover



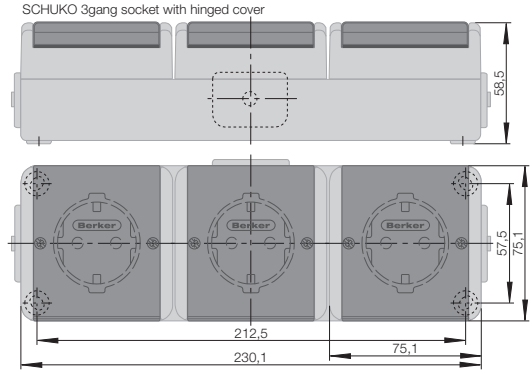
SCHUKO 2gang socket with hinged cover



SCHUKO socket with
hinged cover

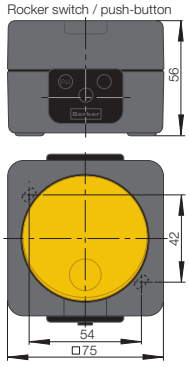


SCHUKO 3gang socket with hinged cover

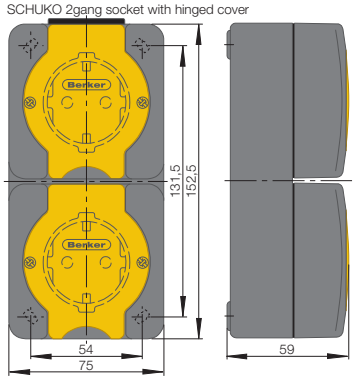


SURFACE-MOUNTED WET-ROOM INSTALLATION - ISO-PANZER

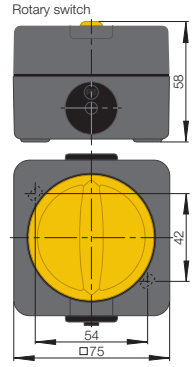
Rocker switch / push-button



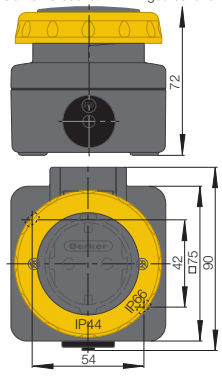
SCHUKO 2gang socket with hinged cover



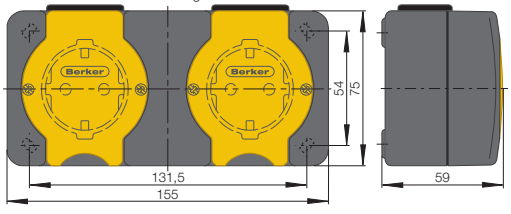
Rotary switch



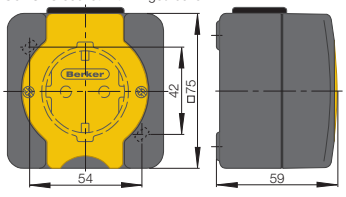
SCHUKO socket with hinged cover and bayonet lock



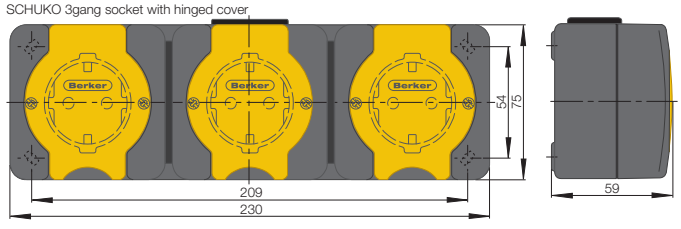
SCHUKO-double socket with hinged cover



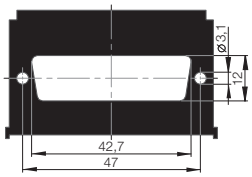
SCHUKO socket with hinged cover



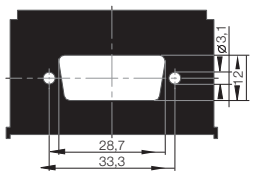
SCHUKO 3gang socket with hinged cover



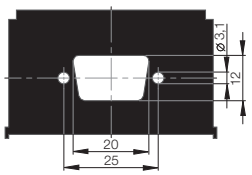
For further information, please see our online catalogue at www.berker.com



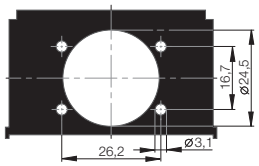
D-Subminiature connector
25pin order no. 1111 01



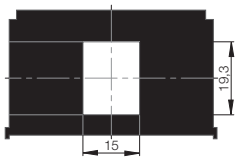
D-Subminiature connector
15pin order no. 1111 02



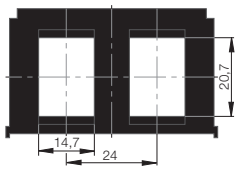
D-Subminiature connector
9pin order no. 1111 03



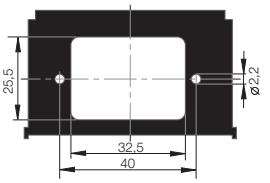
XLR built-in socket C-series
order no. 1111 05



Modular jack order no.
1111 16



for 2 x Modular jack
order no. 1112 18



for cold sleeve/connector for cold condition
order no. 1111 21

Test marks and administrative marks

VDE test mark, all items in the Berker range, for which this test mark is possible, bear this mark.

Netherlands

Austria

Norway

France

Denmark

Italy

Sweden

Canada

Belgium

USA

Poland

Finland

Switzerland

ENEC stands for European Norms Electrical Certification. The numbe following the mark indicates the certifying body.
For instance, VDE: 10

Verification of increased voltage resistance capability for connec ting devices to DIN 49400 and 49441, installation equipment made of shock-proof impact material for greater mechanical stress conditioning.

SV Safety power supply (diesel unit VDE 0107: 1994-10), designated by green centre plate

ZSV Additional safety power supply (battery supported VDE 0170: 1994-10), designated by orange centre plate

Furniture construction/installation Devices can be mounted on surfaces with unknown flammability properties.

Flame-resistant according to VDE 0606 T1: 1984-11, meets the requirements of VdS (Association of Property Insurers) for mounting on wood.

All items in this catalogue falling under CE regulations bear the CE marking on the packaging label and on the product itself.

RAL Determination of colour gradations of Deutsches Institut für Güte-sicherung und Kennzeichnung e.V. (German Institute for Quality Assu-rance and Certification)

EDV Electronic data processing, designated for special circuits by red centre plate.

Trademarks/brands

Registered trademark of SCHUKO-Warenzeichenverband (SCHUKO trademark association) designates socket outlets according to DIN VDE 0620-1 and DIN 49440. Terminals are also suitable as connection terminals.

Registered trademark of Warenzeichenverband EDELSTAHL ROSTFREI (stainless steel trademark association).

Registered trademark of the KNX Association cvba, Brussels.

Registered trademark of PERILEX-Gemeinschaft e.V.

Protection classes/types

VDE radio suppression seal

Protection Class 2 insulation

IP (international protection) Designated according to DIN 40050, IEC 60529, the protection type of a device to prevent ingress of foreign objects and moisture.

IP44 Protection against contact between energised parts and wires or similar larger than 1 mm diameter and splashing water from all directions. (contact-protected from 1 mm, splash-protected)

IP55 Protection against harmful dust deposits and against water jets from a nozzle directed towards the housing from all directions. (protected from dust and water jets).

IP66 Protection against dust deposits and strong water jets from all directions. (dustproof, waterproof).

Protection Class III

Explosion protection, zone 11

IP44-compatible, protection type IP44 can be achieved only by using the proper sealing set.

Application designations/symbols

Incandescent lamp

Fluorescent lamp

LV halogen lamp

HV halogen lamp

Energy-saving lamp

Retrofit LED lamp

Electronic transformer

Conventional transformer

Hollow-wall box

Information designations with page reference for special technical information.

Designation for -25 °C to 40 °C temperaturerange.

AX X = fluorescent lamp rated current

see page **i 885**

Flush-mounted controller, installation height 1.1 m

Flush-mounted controller, installation height 2.2 m

Flush-mounted controller, installation height 2.5 m

Relay with microcontact Opening diameter

Semiconductor circuit element

Earthing

Material characteristics

Berker products do not contain any materials made of PVC or halogen, with the exception of the sealing membrane and the wall boxes of the built-in sys-tem.

The technical specifications given here are not binding. The operating manu-al supplied with the products must be observed in all cases.

Illustrations, particularly with regard to colour, size, configuration, performance characteristics of the products as well as circuit/connection diagrams, are not binding. We reserve the right to make technical and formal changesto our products in the interest of technical progress.

Berker

Circuit symbols in unresolved display

To simplify the planning by means of circuit symbols, we have additionally developed our own circuit symbols based on the standard or we have used symbols already existing on the market.

Some of the new underlying details:


Electronic device


Scanning arm NO contact


Scanning arm NC contact


Scanning arm change-over


Scanning arms directed to each other or in each other corresponds to common input terminal


Scanning arms directed away from each other corresponds to Isolated input terminal


Hinged covers


KNX device


Radio bidirectional


Infrared IR


Passive infrared motion detector


Passive infrared presence detector


USB connector


Binary input


Sensors

Socket outlets without earthing contact


Socket outlet without earthing contact


2gang- / double socket outlet without earthing contact


Socket outlet without earthing contact with enhanced contact protection


USB charging socket

Socket outlets with earthing contact


SCHUKO plugs


SCHUKO socket outlet


2gang / double SCHUKO socket outlet


3gang SCHUKO socket outlet


SCHUKO socket outlet with enhanced contact protection


2gang SCHUKO socket outlet with enhanced contact protection


3gang SCHUKO socket outlet with enhanced contact protection


SCHUKO socket outlet with hinged cover


2gang SCHUKO socket outlet with hinged cover


3gang SCHUKO socket outlet with hinged cover


SCHUKO socket outlet with hinged cover and enhanced contact protection


SCHUKO socket outlet with hinged cover and lock


2gang SCHUKO socket outlet with hinged cover and lock


Illuminated SCHUKO socket outlet


Illuminated SCHUKO socket outlet with enhanced contact protection


Illuminated SCHUKO socket outlet with hinged cover


SCHUKO socket outlet that can be switched off with enhanced contact protection


SCHUKO socket outlet with overvoltage protection


SCHUKO socket outlet with residual current circuit-breaker (RCCB) and enhanced contact protection


Three-phase plug 3P + N + PE


Three-phase socket outlet with hinged cover 3P + N + PE

Switches

On/off switch

On/off switch, 2pole

On/off switch 2pole illuminated/control switching

On/off switch 3pole

On/off switch 3pole illuminated/control switching

Series switch

Series switch 1 x illuminated or 1 x control switching

Series switch
2 x control switching

3gang OFF switch

Change-over switch

Change-over switch illuminated/control switching

Intermediate switch

Intermediate switch illuminated

Double change-over switch

Double change-over switch illuminated

Pullcord switch change-over

Pullcord switch change-over illuminated/control switching

Mechanical timer 2pole Off

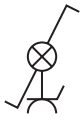
Key change-over switch

Key change-over switch, 2pole

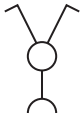
Change-over switch and socket outlet without earthing contact combination

SCHUKO change-over switch and socket outlet combination

SCHUKO change-over switch and socket outlet with hinged cover combination


SCHUKO change-over switch and socket outlet with hinged cover combination illuminated/control switching


Key on/off switch 2pole and SCHUKO socket outlet with hinged cover combination


Series switch and socket outlet without earthing contact combination


Series switch and SCHUKO socket outlet with hinged cover combination

Push-button


Push-button, NO contact


Push-button NO contact illuminated/monitoring circuit


Push-button, NO contact with 2 signal contacts


Push-button NO contact with 2 signal contacts illuminated


Push-button NC contact


Push-button NC contact illuminated


Push-button change-over contact illuminated


Push-button change-over contact illuminated


Push-button 2 NO contacts with 1 input and 1 rocker


Push-button 2 NO contacts with 1 input, 1 rocker illuminated


Push-button 2 NO contacts with 2 separate inputs and 1 rocker


Push-button 2 rockers with 2 separate inputs and 1 rocker illuminated


Push-button 1 NO contact and 1 NC contact with 2 separate inputs and 1 rocker


Push-button 1 NO contact and 1 NC contact with 2 separate inputs and 1 rocker illuminated


Push-button 2 NO contacts with 1 input and 2 rockers


Push-button 2 NO contacts with 1 input and 2 rockers


Push-button 2 NO contacts with 2 separate inputs and 2 rockers


Push-button 2 NO contacts with 2 separate inputs and 2 rockers illuminated


Push-button 1 NO contact and 1 NC contact with 2 separate inputs and 2 rockers


Push-button 1 NO contact and 1 NC contact with 2 separate inputs and 2 rockers illuminated


Push-button 2 change-over contacts with 2 separate inputs and 2 rockers


Push-button 2 change-over contacts with 2 separate inputs and 2 rockers illuminated


Push-button 4 NO contacts with 1 input and 2 rockers


Push-button 4 NO contacts with 1 input and 2 rockers


Key push-button NO contact


Key push-button change-over contact


Pullcord push-button change-over contact with signal contact

Switch / push-button for blinds


Switches for blinds


Switches for blinds 2pole


Key switches for blinds


Key switches for blinds, 2pole


Push-buttons for blinds


Push-buttons for blinds 2pole


Key push-buttons for blinds


Key push-buttons for blinds, 2pole

Switches for blinds electronic


Blind switch, electronic

Blind switch electronic with sensor connection

Radio blind switch electronic / radio blind actuator

Radio blind actuator, 4gang

KNX radio blind switch electronic bidirectional / KNX radio blind actuator bidirectional

KNX radio blind actuator with 2 binary inputs bidirectional

Blind switch electronic with timer

Blind switch electronic with timer and sensor connection

KNX radio blind switch electronic with timer bidirectional

KNX radio blind switch electronic with timer and sensor connection bidirectional

Cutoff relay

Special switch/push-button

Hotel card switch NO contact

Hotel card switch NO contact illuminated

Hotel card switch change-over contact

Hotel card switch change-over contact illuminated

Hotel card switch 1 NO contact and 1 NC contact with 2 separate inputs


Hotel card switch 1 NO contact, 1 NC contact, 2 separate inputs illuminated


Hotel card switch NO contact with 2 signal contacts


Hotel card switch NO contact with 2 signal contacts illuminated



3-step switch with neutral-position



3-step switch without 0-position

Electronic switches/components



Time relay for motion detector



Mains decouplers


Hotel card switch NO contact with delay time illuminated


Electronic switch


Radio electronic switch


KNX radio electronic switch bidirectional

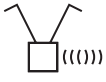

Electronic switch with motion detector


Electronic switch with IR motion detector


KNX radio electronic switch with motion detector bidirectional


Electronic switch with presence detector


Electronic switch, 2gang


KNX radio electronic switch 2gang bidirectional


Relay switch



Relay switch with delay time / controller power pack


Radio relay switch / radio switch actuator


KNX radio relay switch bidirectional / KNX radio switch actuator bidirectional



KNX radio switch actuator with binary input bidirectional


Relay switch with motion detector


Relay switch with IR motion detector / IR motion detector


KNX radio relay switch with motion detector bidirectional


Relay switch with presence detector


Relay switch with IR presence detector


Relay switch with timer


Relay switch with timer and sensor connection


KNX radio relay switch with timer bidirectional


Relay switch 2gang



Relay switch 2gang with delay time / controller power pack 2gang


Relay switch 2gang with motion detector


Relay switch 2gang with IR motion detector


Relay switch 2gang with presence detector



Radio switch actuator 4gang


Radio switch actuator for SCHUKO plugs


KNX radio switch actuator for SCHUKO plugs bidirectional


Extension unit, electronic


Motion detector extension unit

Presence detector extension unit

Electronic transformer

Switch power supply

Radio repeater, signal amplifier

KNX radio/TP gateway surface-mounted bidirectional

Rotary dimmer rotary control units

Rotary dimmer with on/off switch

Rotary dimmer with change-over switch

1 - 10 V rotary potentiometer with on/off switch

1 - 10 V rotary potentiometer with NO contact push-button

DALI rotary potentiometer with on/off switch

DALI rotary potentiometer with on/off switch and power supply

Speed controller with on/off switch and additional contact

Touch dimmer touch control units

Touch dimmer

Radio touch dimmer

Radio dim actuator for SCHUKO plugs

KNX radio touch dimmer bidirectional

Touch dimmer with motion detector

Touch dimmer with IR motion detector

KNX radio touch dimmer with motion detector bidirectional

Touch dimmer with presence detector



1 - 10 V touch control unit



IR 1 - 10 V touch control unit



Radio 1 - 10 V touch control unit



1 - 10 V touch control unit with motion detector



1 - 10 V touch control unit with PIR presence detector

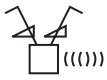


1 - 10 V touch control unit with IR motion detector



IR DALI touch control unit


Series touch dimmers


KNX radio series touch dimmer bidirectional



KNX radio dim actuator 4gang bidirectional


Dimmer power booster

General applications


Blind plug


Cable outlet


Pilot lamp



Pilot lamp 2gang

Wireless components


Radio hand-held transmitter



KNX radio hand-held transmitter 2-channel bidirectional



KNX radio hand-held transmitter 4-channel bidirectional



KNX radio hand-held transmitter 6-channel bidirectional



KNX radio hand-held transmitter 18-channel bidirectional


Radio wall-transmitter



Radio wall-transmitter 2gang



Radio wall-transmitter 3gang



Radio wall-transmitter 4gang


KNX radio wall-transmitter bidirectional



KNX radio wall-transmitter 2gang bidirectional


Radio motion detector


KNX radio motion detector bidirectional


Radio presence detector


IR hand-held transmitter

Data / Telecommunication


Loudspeaker socket outlet


Stereo loudspeaker socket outlet



TV aerial socket



TAE socket outlet



TDO socket outlet



UAE socket outlet



TAE/UAE socket outlet



HDMI socket outlet



VGA socket outlet



S-Video socket outlet

Cinch socket outlet

S-Video and Cinch socket outlet

USB and jack socket outlet

Security and safety systems

Key switches
Motion detectors general

Siren

Alarm siren with rotating light

Smoke detectors

Magnetic contact

Radio magnetic contact

KNX radio magnetic contact bidirectional

alarm central unit

KNX alarm central unit

Strike plate contact
lock switch contact

Blocking element

Glass breakage detector

Alarm distribution terminal

Overvoltage protection module

Residual current circuit-breaker

Making current limiter

HVAC components

Electro-thermal valve drive

Thermostat NO contact with timer

Thermostat NO contact with sensor and timer

Thermostat NC contact with OFF switch and lamp

Thermostat NO contact with sensor OFF switch and lamp

Thermostat change-over contact

Temperature sensor

Consumer electronics door communication

VHF radio

Amplifier

Docking station

Speaker

Antenna

Klinik installation

(Double pole) socket outlet for floating output

Sensors/inputs

Brightness sensor

Wind sensor

Precipitation sensor

KNX radio brightness sensor bidirectional

Binary input 2gang radio bidirectional

Radio transmitter 2gang flush-mounted

Radio button interface 4gang flush-mounted

B.
Berker

General Terms and Conditions of Business
(status 3/04)

(on the basis of the ZVEI e.V. recommendation on conditions)

1. General provisions
The written declarations by both parties are deemed authoritative in respect of the scope of the deliveries or services (hereinafter Deliveries). In addition these General Terms and Conditions of Business apply. General terms and conditions of the Buyer shall only apply insofar as the Supplier or the party rendering the service (hereinafter Supplier) has expressly approved of such conditions in writing. In other respects the regulations of Verband Deutscher Elektrotechniker apply insofar as they are taken into consideration in respect of the safety of deliveries or services.

These General Terms and Conditions of Business also apply to all future transactions with the Buyer.

The Supplier reserves unrestricted ownership and copyright utilisation rights to cost estimates, drawings and other offer documents (hereinafter Documents). These may not be made available to third parties without approval by the Supplier and on request they are to be returned without delay if the order is not placed. This applies accordingly to the Buyer's documents. However, these may be made available to third parties to whom the Supplier is permitted and intends to assign deliveries.

The Buyer enjoys the non-exclusive right to use standard and individual software with the agreed performance factors in an unaltered form on the agreed equipment.

The Buyer may not assign or make this software available to third parties for use.
Partial deliveries are permitted. In the case of order-related production, excess or short deliveries in each case of 10% are permitted.

2. Securities
The Buyer's creditworthiness is the prerequisite for an obligation to deliver. As a general rule the Supplier is entitled to demand advance payments, securities or cash payments insofar as it considers this necessary. If the Buyer remains in arrears in respect of honouring its payment obligations, or if it does not answer questions regarding its creditworthiness, the Supplier reserves the right to withdraw from the contract and, if applicable, demand claims for damages as a result of non-performance. In such cases goods that have already been delivered are to be returned to the Supplier in their original condition. Furthermore in the event of enforcement by writ in respect of the Buyer's assets, composition or bankruptcy proceedings, discontinuation of business operations or the transfer of a business as well as seizure, all the Supplier's accounts receivable shall fall due without delay.
The Supplier is to be informed without delay of any considerable deterioration in the financial position (e.g. enforcement by writ, discontinuation of payment, composition, bankruptcy, discontinuation of business operations, the transfer of a business, seizure or the transfer of goods, inventories or outstanding items as a guarantee).

3. Delivery periods
Details in the confirmation of order are authoritative in respect of the delivery period. Adherence to the period is conditional on the following: the timely receipt of all documents, licences and releases to be obtained by the Buyer; self-deliveries; adherence to the terms of payment specified by the Supplier, and other obligations. The period shall be extended accordingly if these basic requirements are not met in good time.

The period is deemed adhered to if the goods have been dispatched, or collected, within the agreed delivery period. If the delivery is delayed for reasons for which the Buyer is responsible, the time agreed upon shall be deemed complied with on notification of the readiness to dispatch.
If the non-adherence to the period for deliveries is proven to be attributable to force majeure, industrial disputes or unforeseeable obstructions, the period shall be extended accordingly.

In the event that the agreed or extended delivery period is not adhered to, the Buyer may, insofar as it furnishes proof that it has suffered damage as a result of the delay, demand compensation for delayed performance for each full week of delay from _% to a total of 5% of the value of the part of the delivery that is delivered late.
Further-reaching claims for compensation on the part of the Buyer are excluded. This does not apply insofar as mandatory liability applies in cases of intent or gross negligence. This shall not affect the Buyer's right to withdraw following the lapse of a reasonable extension granted to the Supplier.

4. Passing of risk
Risk shall also pass to the Buyer in the case of a carriage-paid delivery if the goods have been dispatched or collected. Shipping shall be carried out according to the Buyer's instructions or according to the Supplier's best judgement without responsibility for the most cost-effective forwarding. At the request, and cost, of the Buyer, the Supplier shall insure the consignment against customary transport risks. If the shipping is delayed at the Buyer's request, or for reasons for which the Buyer is responsible, the risk shall pass to the Buyer from the day on which the goods are ready for dispatch. In such a case the Supplier shall be under obligation to bring about the insurance policies requested by Buyer at the Buyer's cost.

If goods are taken back, the Buyer shall bear the risk up to the receipt at the Supplier's premises.

5. Reservation of title
The delivery items (reserved goods) shall remain the Supplier's property until all the claims against the Buyer to which it is entitled from the business association are met. Prior to this pledging or ownership transfer by way of security are prohibited.

The Buyer may only sell the reserved goods, regardless of their condition, to resellers during the ordinary course of business subject to the proviso that it is not in arrears with payments due to the Supplier and that it assigns to the Supplier at this point in time claims, including all accessory rights, to which it is entitled from such a sale. The assignment of such claims is restricted to the amount of all the claims to which the Supplier is entitled resulting from the business association. The Buyer is also entitled to collect these claims following such an assignment. This shall not affect the Supplier's authority to collect such claims. On request the Buyer is to disclose to the Supplier the amounts and debtors in relation to the assigned claims, to make available to the Supplier without delay all documents required for collection, and to inform the debtor in writing of the assignment.

Treating and finishing the reserved goods shall by carried on behalf of the Supplier without the Supplier being under obligation. If the goods are combined or blended with other items, the Buyer shall assign to the Supplier at this point in time its property or co-ownership rights to the new items. It shall store these with commercial diligence on behalf of the Supplier. In the event of a sale of the new items, the Buyer hereby assigns to the Supplier its claims and accessory rights resulting from such a sale for safety's sake. If the Buyer finishes the goods with other goods that are not the Supplier's property, the Supplier shall be entitled to part-ownership of the new item in proportion of the value of the reserved goods.

In the case of conduct on the part of the Buyer in breach of contract, in particular in the case of default in payment, the Supplier shall be entitled to take back the reserved goods. At the Supplier's request the Buyer shall be under obligation to surrender without delay. Taking goods back and the seizure of the reserved goods by the Supplier do not constitute any kind of declaration of withdrawal.

The Buyer is to undertake all the necessary measures at its own cost to avoid a detrimental effect on or the loss of the rights to the delivered goods to which the Supplier is entitled. The Buyer is to ward off or inform the Supplier without delay of cases of seizure or other intervention by third parties. The Buyer shall be responsible for possible disadvantages it suffers as a result of it not observing this obligation.

6. Prices
The prices are stated in euros. They are ex works prices and exclude packaging and are to be construed plus the respective valid statutory value added tax.

In the case of goods purchased in a single order in excess of € 1,000.00 we shall deliver free of charge, carriage paid, to the receiving station excluding packaging.
In the case of such an order in excess of € 2,500.00 we shall deliver free of charge, carriage-paid, to the receiving station including packaging.

7. Terms and conditions of payment
Payments are to be effected within 30 days from the date of invoice without any deduction ex paying agent of the Supplier. A trade discount of 2% shall be granted in the case of payment within 10 days following the date of invoice. Payment arrears or payment by bill of exchange rule out the deduction of a trade discount. Cheques shall only be accepted subject to the customary reservations, while bills of exchange shall only be accepted following a special agreement and if they comply with the acquisition conditions of the European Central Bank (ECB). Discount charges, fees and tax on notes and bills of exchange shall be borne by the Buyer. These are to be paid upon issuing the bill of exchange to the Supplier. In the case of all kinds of payment the day of performance shall be deemed the day on which the Supplier can dispose of the amount.

In the event that the term of payment is exceeded, or the delivery is delayed, at the Buyer's request by more than 30 days once the goods are ready for dispatch, the Supplier shall be entitled, without the necessity of issuing a special warning, to charge interest on arrears of 3% p.a. above the respective main refinancing rate of the ECB as from the due date, at least, however, amounting in each case to the interest rates charged by major Rhine-Westphalian banks for unsecured credits. The Supplier reserves the right to assert a claim on the grounds of greater damage. In other respects in the case of default in payment the Supplier shall be en-
titled to demand the surrender of the goods and claim for damages as a result of non-performance.

The Buyer may only set off undisputed or res judicata claims against the Supplier's claims.

8. Liability for defects
The Supplier guarantees that the sold goods do not contain defects at the time of the passing of risk. Insofar as parts proven to have been procured from the Supplier contained defects prior to the passing of risk, the Supplier shall be liable to the Buyer as follows:

1. The Buyer shall only be entitled to the warranty rights below if it has met in a proper manner the requirement to give notice of defects incumbent upon the Buyer by way of written notification of the identified defects, and it has returned to the Supplier the goods for which a complaint has been lodged.

2. All the parts or services whose usefulness is considerably impaired within 12 months, without consideration given to the operating period, calculated from the day on which the risk passes, as a result of an incident prior to the passing of risk, are to be subsequently improved at the Supplier's discretion free of charge, or new ones are to be supplied or new services are to be rendered.

3. If the Buyer provides notification of defects in relation to the delivered goods or service, this shall only constitute a right to retain payment if the existence of a defect is res judicata or is not disputed by the Supplier. In this respect the retained payment must be commensurate with the respective faults.

4. The Buyer is to use its reasonable discretion to grant the Supplier appropriate time and opportunity to rectify defects. If it refuses to do this the Supplier shall be released from the liability for defects.

5. If the Supplier allows a reasonable extension granted to the Supplier to lapse without rectifying the defect, or if the subsequent improvement is impossible or the Supplier refuses this, the Buyer may assert a right to reduce the purchase price. The Buyer may also demand conversion if an agreement
n respect of abatement is not reached between the Buyer and Supplier.

6. The Buyer's right to assert claims resulting from defects shall in any case fall under the statute of limitations in 6 months from the time of notification of defects. However, this shall not be before the warranty has elapsed. If no agreement is reached within this period, the Supplier and Buyer may agree upon an extension of this period of limitation.

7. The liability for defects does not apply to natural wear-and-tear and furthermore not to damage that occurs following the passing of risk as a result of faulty or negligent treatment, excessive or improper use, unsuitable operating resources, faulty construction work and similar external influences that were not presupposed as per agreement, and non reproducible software faults. If the Supplier is rendered liable for damage as a joint debtor by a third party for one of these reasons, the Buyer irrevocably assumes the liability at this point in time by way of internal arrangements.

If the Buyer or third parties carry out improper alterations or repair work, no warranty shall apply to these and the consequences resulting from them.

8. The warranty period for subsequent improvements and replacement deliveries is 3 months. It shall apply at least until expiry of the warranty period for the goods for which a complaint has been lodged.

9. Further-reaching claims on the part of the Buyer against the Supplier and its vicarious agents are excluded, in particular claims for compensation of damage not caused to the delivery item. This does not apply insofar as mandatory liability applies in accordance with the Product Liability Act, with the restriction in accordance with sub-section 7, or in cases of intent, gross negligence or the lack of warranted characteristics

10. All kinds of liability are excluded in the case of defects in software products. It is expressly stated that no warranty is provided for functions, suitability, usefulness, non-violation or other expected characteristics. Accordingly liability for any kind of damage or consequential damage caused by the software in respect of the user or third parties is excluded. If mandatory legal norms do not allow for this comprehensive exemption from liability for software in certain cases, it shall nevertheless remain in place for all other cases.

9. Industrial property rights, copyrights
1. Insofar as a third party lodges justified claims against the Buyer as a result of violation of an industrial property right /copyright (hereinafter Copyrights) by way of products delivered by the Supplier and used as per agreement, the Supplier shall be liable to the Buyer as follows:
a) The Supplier shall, at its own discretion, bring about a utilisation right for the product, alter the product or replace it or if this is not possible under reasonable conditions take back the product subject to reimbursement of the purchase price. Further-reaching claims against the Supplier are excluded.
b) The aforementioned obligation of the Supplier shall only apply if the Buyer informs the Supplier without delay of the claims lodged by third parties; does not recognise a violation of industrial property rights, and the Supplier is reserved the right to conduct all defensive measures and hold composition negotiations.

2. Claims by the Buyer shall be excluded insofar as it is responsible for the violation of an industrial property right or if such a violation is caused by the Buyer's special parameters or unforeseeable application or alteration or blending with other products.

10. Impossibility, contractual adjustment
1. If it becomes impossible for the Supplier to honour the delivery incumbent upon the Supplier for reasons, which are its responsibility, the Buyer shall be entitled to request as compensation up to 10% of the value of the products that have not been delivered.

2. Insofar as events outside the Supplier's sphere of influence considerably change the economic significance or the content of the delivery, of have an effect on the Supplier's operations, the Supplier shall be entitled to withdraw from the contract or to adjust the contact in agreement with the Buyer.

11. Other claims for damages
The following claims for damages lodged by the Buyer are excluded: claims on the grounds of a positive breach of contract, violation of obligations in the case of contractual negotiations and on the basis of unlawful acts. This does not apply insofar as mandatory liability applies by law, in particular in the case of intent, gross negligence and the lack of warranted characteristics.

12. Place of jurisdiction
Hagen i.W. is deemed the place of general jurisdiction for all disputes resulting directly or indirectly from the contractual relationship. German law applies to the contractual relations. The Hague Convention of 01.07.1964 and the UN Sales Convention of 11.04.1980 shall not be applied.

13. Binding force of contract
Even in the case of the legal invalidity of individual items, the binding force of the contract shall further apply to the other items of the contract.

Berker

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Subject to changes - # Note discontinuation! - * Note new code!

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