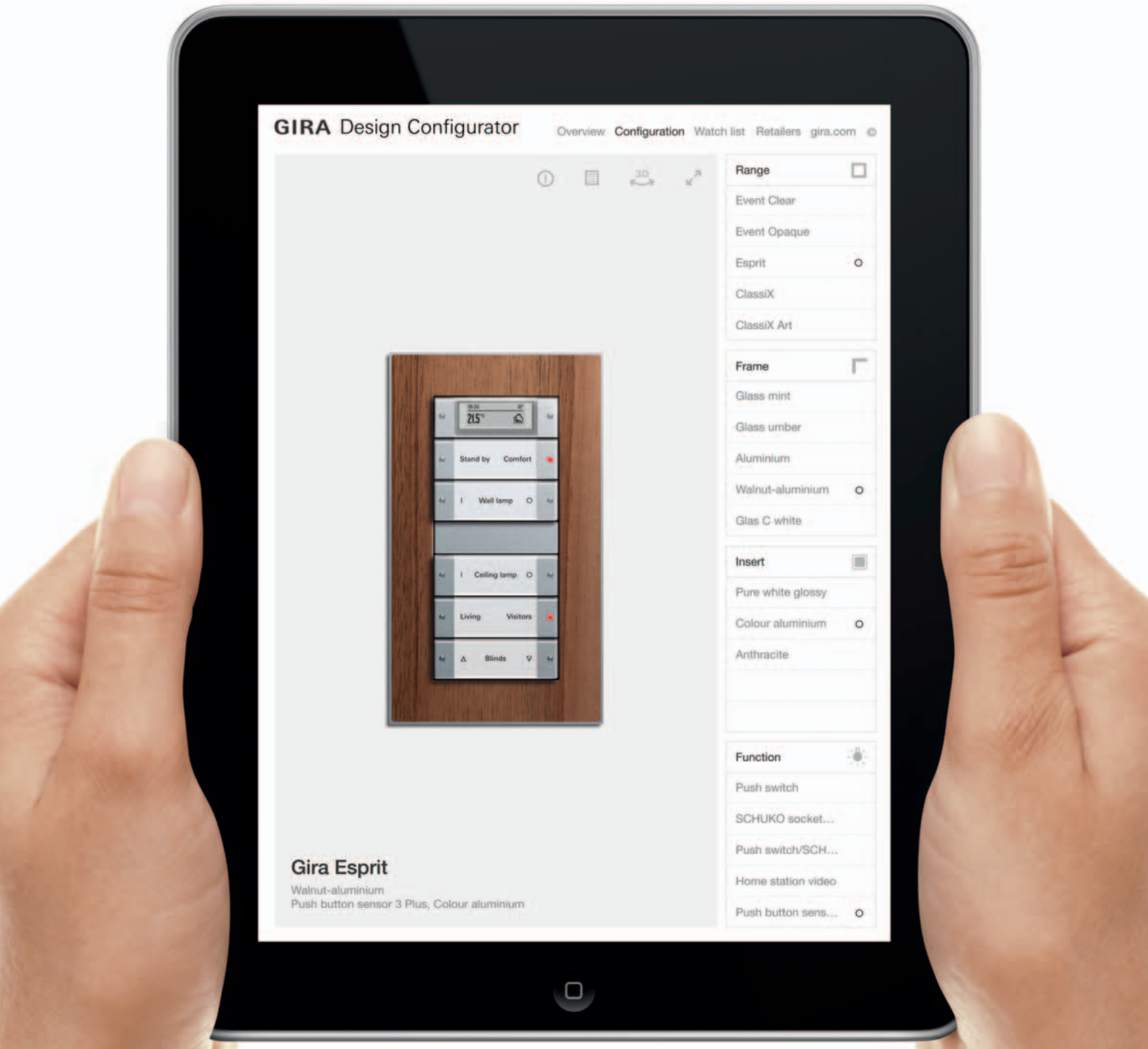
Intelligent building technology from Gira

GIRA



The entire Gira design system at a glance
With the Gira Design Configurator, the customer can combine diverse design variants from the Gira switch ranges.
Awarded the red dot award: communication design 2012

Gira 2013/2014 Catalogue

Intelligent building technology by Gira

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Gira Online

www.katalog.gira.de/en
The new Gira online catalogue is clearly structured and illustrated throughout.
It includes all the items of the Gira product range and enables simple creation of parts lists.

www.designconfigurator.gira.com
With the Gira Design Configurator, diverse frame variants from the Gira switch ranges can be combined with selected functions.

www.download.gira.com
Operating instructions, software, advertising materials and more are available in the download area.

www.academy.gira.com
In addition to face-to-face seminars, the Gira Academy also offers online seminars and distance learning courses.

www.marking.gira.com
With the Gira Inscription Service, you can professionally design call buttons for the Gira door stations, LED signal lamps, orientation plates and push button sensors.

www.media.gira.com
The media database offers product illustrations, logos and videos.

www.press.gira.com
The Gira press area with press texts and photos on current topics.

The Gira catalogue contains an overview of the product range. The product range may differ from the range shown here or other specifications may apply in the respective country. In case of queries, please contact your local representative.

Our worldwide agencies are listed on Pages 24-25.

Contents

Introduction
The company 4
New products 6
Awards 8
Gira Assistance 10
Saving energy with Gira 12
LEDOTRON 14
Internet presence 16
Gira Design Configurator 18
Gira app – Intelligent building technology from Gira 19
Gira Academy 20
Gira Revox Studios 22
Gira customer centre 23
Representatives around the world 24

Equipment examples
Door communication system 345

i 00

Symbol for products with additional technical data beginning on Page 575. The number next to the i (marked with 00 here) corresponds to the page number in the technical appendix.

System 55
central inserts and cover plates 26
Door communication system 60
Data and communication connection technology 65

Gira Standard 55 80
System 55

Gira E2 86
System 55

Gira Event 92
System 55
Gira Event cover frames 95
Gira Event Clear cover frames 97
Gira Event Opaque cover frames 101

Gira Esprit 106
System 55

Gira ClassiX, Gira ClassiX Art 116
System 55
Gira ClassiX cover frames 120
Gira ClassiX Art cover frames 126

Gira E22 132
Installation in a flush-mounted box 172
Flat installation 176

Stainless Steel Series 20 and 21 180

Gira F100 182
Door communication system 198
Data and communication connection technology 201

Gira S-Color 214

Gira Profile 55 238
System 55

Gira modular function profile 242
System 55

Gira water-protected flush-mounted IP 44

Gira TX_44 248
Standard 55, E2, F100, Stainless Steel Series 21 259

Gira energy and light profiles 262

Switching, pressing, dimming 270
Flush-mounted inserts 275
System 2000 278
LEDOTRON 287

British Standard 296
Socket outlets 298
Fused outlets 301
Switches and push buttons 302
Adapter support ring 303

Blind control system 304
Blind control system inserts 308
Control buttons 311
Electronic blind controller 314
Cut-off relay 314

Automatic light 316
System 2000 automatic control switch 320
Automatic control switch 2 321
Automatic control switch 360° 323
Presence detectors 324
Observers 326

LED illumination 328
Socket outlets with LED orientation light 330
LED orientation light, white 330
LED signal lights 330
LED orientation lights with pictogram 331

Gira door communication system 332
Installation examples 345
Door stations 352
Home stations 363
DCS-IP-gateway 371
Gira Keyless In 380

Data and communication connection technology 386
Mounting frames 392
Inserts 392
Inserts for data caps 398
HomePlug AV 404

Audio systems 406
RDS flush-mounted radio 408

Revox multiroom system 412

Gira KNX system 416
Push button sensors / cover plates 422
New. KNX presence detector 448
New. Gira Control 9 KNX 455
New. HomeServer 4 467
KNX devices 472

New. Gira eNet 512
System devices 522
Transmitters 523
Sensors 526
Actuators 528
Gira radio bus system 534

Smoke alarm devices, signallers and sensors 564
Smoke alarm devices Dual/VdS 567

Signallers and sensors 570

Technical data 575
Order number index 666



Innovation, transparency, communication and design – the Gira Plastics Technology production building symbolises the company's philosophy.

Intelligent building technology from Gira
Intelligent building technology from Gira represents future-fit technology and flexible solutions, combined with a high quality of design: automatic light control, time-dependent temperature control, distribution of music in all rooms, convenient door communication, integration of security systems, and many other functions for more convenience, security and value.

In Radevormwald, Gira and its approximately 1,100 employees develop and manufacture products and solutions for a wide range of building technology applications. In addition to switches and socket outlets, the product range includes intelligent systems for multi-functional building control using cables or radio technology, innovative door communication solutions, call systems, and much more.

At its Lüdenscheid location, Gira's subsidiary Insta Elektro GmbH produces devices and systems for building technology as well as LED lights and the corresponding controllers for modern architectural lighting. As the majority shareholder in ise GmbH in Oldenburg, Gira also has specific expertise in the area of software and embedded hardware development.

As a founding member of the EIBA, Gira has contributed significantly in the development of building system technology in Germany. This technology is the prerequisite for equipping buildings “intelligently”.

Moreover, using Gira design platforms, new technologies are merged with the electrical installation to become part of the Gira switch systems.

A high standard of quality in all the company's areas of activity has also been confirmed by the DMSZ (Deutsche Managementsystem Zertifizierungsgesellschaft mbH) with a certificate pursuant to DIN EN ISO 9001:2000.


DMSZ

ZERTIFIKAT

GIRA

DIN EN ISO 9001 : 2008









Sustainability has been part of the Gira corporate philosophy since well before it became a member of the German Sustainable Building Council. In the past years Gira has continuously optimised manufacturing in Radevormwald. Today's machines work much more efficiently, work distances are shorter, flexible and high performance production lines have been newly installed while robot-assisted packaging facilities have been brought into operation. As a mid-size German company, Gira secures both its Radevormwald location and jobs in the region by investing in improving efficiency.

Illustrations on left:

Rooms flooded with light and open architecture in the production building

Production

Illustrations on right:

Aerial view of the Gira plant premises in Radevormwald, Germany

Gira sales and training centre

New products

Gira data and communication connection technology



Gira KNX presence detector



Gira eNet



Gira Design Configurator





Gira door communication
plugged into Skype on the iPhone

Gira HomeServer 4

Gira LEDOTRON control device

Gira HomeServer/FacilityServer Android app

Awards

Gira surface-mounted home station video
red dot award 2009
iF product design award 2009
Plus X Award 2009



Mobile door communication
with the Gira DCS-IP-gateway 2.1
Plus X Award 2012



Gira Control 19 Client
Plus X Award 2011, red dot award 2011,
Good Design Award 2011, Interior Innovation Award 2011,
Innovation Award for Architecture and Technology 2012



Gira E 22
iF product design award 2007
red dot award 2007
Good Design Award 2011



In addition to focusing on the highest possible technical quality, Gira places great value on product design and relies on collaborating with internal and external design teams.

Products which are characterised by a unique, clear design are the result of this connection. These products have consistently won over the industry's most demanding design juries.

In addition to the products shown, Gira has also received prizes for:

Gira S-Color
- Red Dot Design Innovations 1985
- iF product design award 1985 and 1987
- Design Quality 1985
- International Design Award 1988

Gira water-protected surface-mounted range
- DEUBAU Product Award Europe 1992

Gira data cap
- Red Dot Design Innovations 1995

Gira Stainless Steel Series 21
- iF product design award 1996 and 1997

Gira E2
- International Design Award 1998
- Red Dot Design Innovations 1999
- iF product design award 1999

Gira Event Opaque
- Red Dot Design Innovations 1999

Gira Esprit, glass green
- Design Plus 2000

Gira Esprit
- red dot award 2001

Gira home station receiver
- DESIGN PLUS 2002

Gira door station profile
- iF product design award 2003
- red dot award 2003, best of the best

Gira modular function profile
- red dot award 2003
- Plus X Award 2006, Design Category

Gira SmartSensor
- red dot award 2004

Gira ITS 30
- Innovation Award for Architecture and Technology 2004, light+building, Frankfurt
- iF product design award 2005

Gira VideoTerminal
- iF product design award 2008
- Plus X Award 2008, Home Technology Category

Gira KeylessIn
- iF product design award 2008

Gira KeylessIn Fingerprint
- Plus X Award 2008, Home Technology Category

Gira Interface
- iF gold award 2008, iF Design Hannover
- Plus X Award 2009

Gira Event Clear
- red dot award 2009
- iF product design award 2009
- Plus X Award 2009

Gira Esprit, glass C
- Plus X Award 2010

Gira smoke alarm device Dual/VdS
- red dot award 2010
- iF product design award 2010
- Plus X Award 2010

Gira Control 9 Client
- iF product design award 2011
- Plus X Award 2011
- Open Focus 2011

Gira Esprit aluminium black, aluminium brown
- red dot award 2011

Gira Esprit walnut-aluminium
- red dot award 2011
- Interior Innovation Award 2011

Gira HomeServer app
- red dot award 2011

Gira duty room terminal Plus
- Innovation Award for Architecture and Technology 2012

LEDOTRON
- Plus X Award 2012 Most Innovative Brand



Gira door station stainless steel
iF product design award 2007
Plus X Award 2007, Design Category



Gira RDS flush-mounted radio
iF product design award 2010
Plus X Award 2010
Perspective Award 2011





Gira Design Configurator
red dot award:
communication design 2012

Gira corporate identity
- NRW Design Award 1995, Award for Corporate Design and Design Management

Gira website
- red dot award 2002
- D&AD award 2003, British Design & Art Direction, London

Gira trade fair presentation
- ADAM 2001, FAMAB Fachverband, Rheda-Wiedenbrück
- Gold Award 2006 for 20 years of cooperation with Ueberholz GmbH, Wuppertal
  Exhibit Design Awards, Rochester, MN
- iF communication design award 2010, iF Design Hannover
- red dot award 2010

Gira Plastics Technology
- Excellence in Technology of the Year Award 2005, Frost & Sullivan, London

Ranking Design 2000, best manufacturer in product group “Living”, best product designer in product group “Living”

Ranking Design 2002, best manufacturer in product group “Living”

NRW Design Award 2003, Award for Top Ten Design NRW

Plus X Award, Most Innovative Brand 2011

Plus X Award, Specialized Trade Brand of the Year 2011/2012 in the product group “Electrical and Media Technology”

Architects' Darling Award Most Popular Manufacturer in the Electrical Installation Category

DESIGN PLUS
DESIGN PLUS
light+building, Frankfurt

Design quality,
Haus Industrieform Essen

DEUBAU Product Award

Good Design Award,
Chicago Athenaeum

iF product design award,
iF Design Hannover

International Design Award,
Design Center Stuttgart

red dot award,
Design Zentrum NRW

Exhibition Design Award

Plus X Award

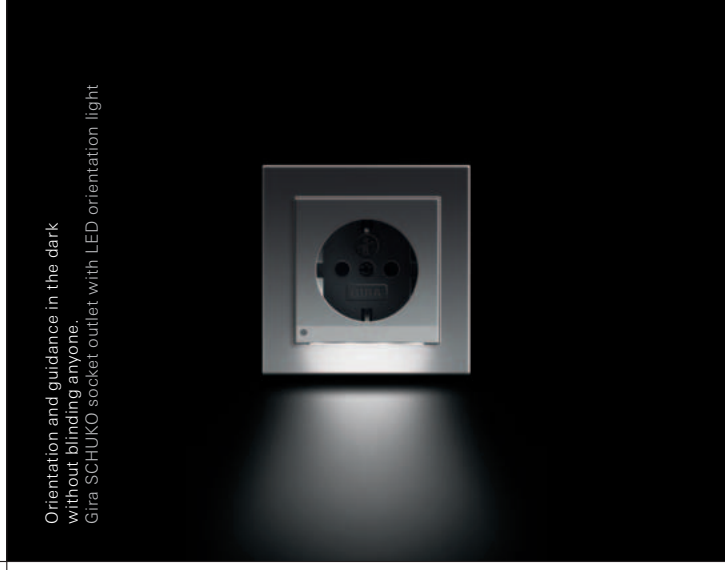
Frost & Sullivan

Perspective Award

Gira Assistance

Lighting switches on when it is needed – completely automatically.
Gira automatic control switch 2





Orientation and guidance in the dark without blinding anyone.
Gira SCHUKO socket outlet with LED orientation light

Feeling switch functions easily
Gira rocker switch with touch symbol





Simple and intuitive operation thanks to large buttons and a convenient 14.5 cm [5.7"] TFT colour display.
Gira VideoTerminal

More convenience thanks to building technology which assumes tasks in various everyday situations. More security thanks to intelligent solutions for both indoor and outdoor use. More value thanks to energy consumption which is adapted to actual requirements. Plus harmonious aesthetics thanks to integration in the Gira switch ranges.

The solutions which have been collected under the Gira Assistance heading are for people with particularly high demands regarding convenience, security and value at home. Thus they are also advisable for the growing and attractive target group of people over 50. In this age range, it is time for many people to renovate the home or flat they bought years earlier, adapt the electrical installation to new requirements and prepare for upcoming needs. Since 2009 the German federal government has been promoting this specifically with the KfW "Age-appropriate Conversion" program.

Growing and attractive target group
The demographic structure in Germany is changing. People are living longer, and so the number and share of the elderly are also rising. In 2035, every second German will be older than 50, and every third will be older than 60. The "young old" are not like the seniors of yesteryear. They are more active, healthier and more mobile – and they are used to handling technology. With Gira Assistance, specialist electrical companies can offer custom-made solutions for this target group, which is interesting regarding both quantity and quality.

Recognising new requirements and using market opportunities
The generation of those over 50 is affluent – their overall buying power is 640 billion EUR annually according to a GfK estimate.

They are also more than willing to spend their money. They are currently already responsible for 50% of private consumption. Studies show that the young old would rather enjoy their money themselves in the here and now instead of saving it for their heirs. Investing in their own four walls tops wish lists not least as a consequence of the financial crisis. In view of uncertainty on the financial markets, people prefer to spend their money on tangible objects, e.g. convenience at home. Electrical installation can particularly profit from this because intelligent building technology is the key to a higher quality of life. However, self-serving home and flat owners are not the only interesting target group. Landlords are also interested in equipping their buildings for the needs of an ageing society – during new construction and when modernising buildings.

Synergies due to central federal and regional activities
Gira supports specialist electrical companies in customer consultation and electrical planning with Gira Assistance by providing a series of intermeshed activities. Gira itself is drawing attention to this new offer by placing central advertisements throughout Germany. Gira provides communication tools to specialist electrical companies to help target local customers, including information brochures, advertising templates and press texts. Seminars also familiarise participants with Gira solutions for the special requirements of easily-accessible or barrier-free electrical planning.



Program the time once and the blinds and shutters move automatically every day.
Gira electronic blind controller easy



Controlling the entire building technology with a single finger thanks to future-fit KNX technology.
Gira Control 19 Client with Gira HomeServer



Always have fresh air within your home by monitoring the CO_2 concentration.
Gira ambient air sensor CO_2



Switching off all devices at the press of a button: just one of many options using KNX.
Gira push button sensor 3 as a central switch-off

Automatic control switch 2
The light switches on automatically exactly when it is needed. Users don't always have both hands free to be able to press a conventional light switch. At the same time, the automatic control switch saves electricity by switching off the light automatically when no one is present.

Automatic control switch in combination with a socket outlet
There is nearly nothing more practical than a socket outlet which switches off when there is no one left in the room, for example when taking a break from ironing. This prevents classic moments of carelessness which could endanger lives, e.g. when taking a phone call.

SCHUKO socket outlet with LED orientation light
To provide orientation and guidance in the dark, the bright LEDs below the SCHUKO socket outlet switch on automatically using a brightness sensor and project a clear light corridor downwards, without blinding anyone.

Rocker switch with touch-symbol and inscription space
Rocker switches and push buttons can be replaced quickly and easily with inserts with touch-symbols and inscription space.
On request, they can be equipped with an acoustic element that emits a tone signal when pressed.

Emergency set
More safety in the bathroom, shower, WC or at the bed is ensured when a Gira emergency set is installed and coupled, e.g. with a telephone system. People lying on the ground can summon help using a pull-cord button.

Door communication with video
See who is at the door: being able to perceive both a voice and high-resolution image provides immense safety for all occupants.

Electronic blind controller
Extremely convenient: when times for raising and lowering the blinds have been programmed in once, the blinds and shutters then always move on time automatically.

Ambient air sensor CO_2
Bad air makes people tired, while good air wakes them up. The ambient air sensor CO_2 monitors the CO_2 concentration in the room and indicates the air quality with a green or red signal. If set limits are exceeded, windows can be opened or fans switched on automatically, and an internal buzzer can also signify an increased CO_2 concentration.

KNX
Life can be so simple: closing the window at the press of a button and switching on comfortable lighting, heating, music or radio at the same time. This is no longer a vision of the future with KNX.

Central switch-off per KNX
Simply leaving the residence without having to return to switch off the stove or iron. Disconnecting all devices from the mains supply automatically is possible with KNX, e.g. when the door is locked.

Gira is a partner company of the German Society for Gerontotechnology. The company offers a wide variety of intelligent building technology products for every generation.



Easily recording and evaluating consumption data – with the Gira HomeServer or FacilityServer
Gira Control 19 Client, glass white

Whether as an individual switch or a complete system for comprehensive multi-functional energy management – intelligent building technology from Gira contributes to a noticeable reduction in energy consumption. This not only lowers operating costs, it also plays a significant role in climate protection. Gira products offer a potential for savings in all areas.

Conventional electrical installation
Little installation effort with a substantial effect: a great deal of energy can be saved even with relatively simple means. For example, the use of a motion detector ensures that the light is only switched on when it is really needed.

Radio bus system
Prising open walls, e.g. for a time clock which switches heating and ventilation on and off as needed? Not with the Gira radio bus system. Numerous functions with a great potential for energy savings can be exchanged or added easily. Radio communication occurs via transmitters and receivers.

KNX system
The comprehensive solution for new construction and renovation: a control line is installed parallel to the mains supply. Using it, devices can communicate and exchange information later. Heating, ventilation, blinds, switching lighting on and off, opening and closing windows: the interaction of the functions is optimised, which opens up the largest possible potential for savings.

Operating and consumption data is recorded by sensors and continuously saved by the Gira HomeServer or FacilityServer. The system still remains flexible and can rapidly adapt to new challenges. The extensive energy management functions are controlled simply and intuitively – whether with the Gira Control Clients, on a computer or via an iPhone.

Ready for the SmartGrid – with EEBUS
Intelligent mains supplies, called SmartGrids, are increasingly important in connection with energy-saving and cost-efficient building control. In the future, they will enable the bidirectional exchange of electricity and data between households and energy providers.

The open communication standard EEBUS translates the various protocols of building control for trouble-free communication with the SmartGrid, which is a significant contribution to cost optimisation. In cooperation with numerous companies from various fields of building technology, Gira supports the establishment of EEBUS as a standardised interface between building automation and energy management.

Additional information regarding the topic of "Saving energy with Gira" is available in the brochure of the same name and the "Energy management system basics". Both documents can be requested on the Internet or downloaded as PDFs.

www.gira.com/saving-energy



Need-based lighting in passageways and rooms which are rarely used.
Gira automatic control switch 2



Targeted ventilation taking the CO_2 concentration into account.
Gira ambient air sensor CO_2



Keeping rooms cool in summer and storing heat in winter.
Gira electronic blind controller 2



Need-based room heating.
Gira room temperature controller with clock

Need-based lighting in passageways and rooms which are rarely used
Light is only needed when a room is in use. Switching the light off can be easily forgotten if a switch has to be pressed every time. The automatic control switch carries out this function all by itself. It switches the light on when somebody enters the room and switches it off as soon as no more motion is detected within a preset period.
Thus it is especially suitable for rooms which are rarely used and passageways such as stairwells and hallways. The intelligent switch also recognises ambient brightness so that lighting remains switched off if there is already sufficient light.

Targeted ventilation taking the CO_2 concentration into account
Monitoring the CO_2 concentration not only enables improved well-being but also helps to ventilate only as long as is really necessary, which saves energy.
If a set limit is exceeded, windows can be automatically opened or fans switched on until the concentration is normal again.

The air quality is indicated on the Gira ambient air sensor CO_2 with a green or red symbol. Optionally, an increased concentration of CO_2 can be indicated with the internal buzzer or with a connected signal light, e.g. for use in classrooms or conference rooms to influence ventilation behaviour if there is not a fan or motor-driven window.

Keeping rooms cool in summer and storing heat in winter
With automatic blind control, the times are easily set when the blinds or shutters should be operated. If desired, the integrated Astro program takes the different sunrise and sunset times throughout the year into consideration. In this way, the rooms remain comfortably cool in summer and do not have to be air conditioned. In winter, the shutters also insulate to keep warmth inside the building. And during holidays, the random generator varies the times. This makes the house appear occupied and can help to keep burglars away.

Need-based room heating
The connection to a seven-day time clock allows a great deal of need-based control of heating and cooling. Switching points which can be distributed throughout the week can be set up to adapt the temperature control of the rooms exactly to the weekly schedule of the users. If the rooms are unused, unnecessary heating is prevented. In addition, this heating optimisation offers convenience and savings and ensures that the desired temperature is reached on time. The KNX system offers further intelligent applications. The temperature can not only be time-controlled but also controlled taking further ambient conditions into account, such as the weather forecast from the Internet or presence recognition using the locking system.

LEDOTRON
Dimming LED light sources and energy-saving lamps



LEDOTRON control device



Gira LEDOTRON control device, Gira E2, pure white glossy

Creating atmosphere and staging rooms: today light is much more than a functional necessity. As a design element, it is a key aspect of architecture and interior design. When used correctly, it can significantly contribute to improving well-being and boosting productivity. Particularly light levels play a crucial role, in addition to light colours and light distribution in the room.

New requirements for dimming technology

Due to the implementation of the European eco-design guideline 2005/32/EG, all light bulbs have been banned from sale since the autumn of 2012. Energy-efficient LED lights and energy-saving lamps are offered as alternatives. The disadvantage is that the new light sources can often either not be dimmed at all using conventional dimmers, or only with undesired side effects, such as flickering or an unsteady dimming sequence. New technology is required in order to make trouble-free and standard-compliant dimming possible in the future. For this reason, the leading electrical brands of Gira, Jung, Merten and Schneider Electric have developed the new industry-open LEDOTRON dimming standard in cooperation with the lamp manufacturer Osram.

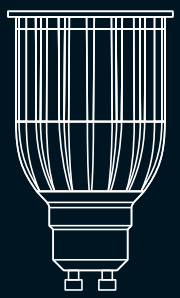
Gira LEDOTRON control device

With the new Gira LEDOTRON control device, compact fluorescent lamps and LED lights can be conveniently dimmed using LEDOTRON technology. The control device is integrated in the Gira switch ranges and thus available in diverse design variants to match any interior.

LED lights

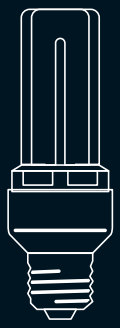


Osram Parathom Pro
Classic A 60

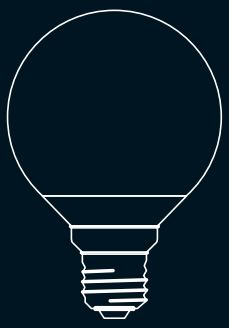


Osram Parathom Pro
PAR16 50 25° advanced

Energy-saving lamps



Osram Dulux
Intelligent LEDOTRON Stick



Osram Dulux
Intelligent LEDOTRON Globe

**LEDOTRON –
Defining dimming digitally**
LEDOTRON is the new digital standard for dimming compact fluorescent lamps and LED lights. The future-proof technology can be used easily over the existing mains supply, it's simple to install and offers new options for light control. With LEDOTRON, brightness can be adjusted, and in the future it will be possible to set the light colour of suitable light sources. Connecting to bus systems or radio interfaces will then also be possible.

www.ledotron.com

**Multi-functional
control devices**
In the future, digital LEDOTRON control devices will be able to do much more than today's analogue dimmers. They will have more than eight different operating modes. Only one of them is required for the digital brightness control of the LEDOTRON light sources. The second is specified for the potential control option for white colour tones. Operating mode three will control the colour of the light in the future. This means that five operating modes remain free for the new technologies of tomorrow, which are already integrated in today's LEDOTRON control devices as expansion reserves.

LEDOTRON

The advantages at a glance
LEDOTRON uses the existing lines and does not require prising or plastering.

LEDOTRON is easy to install and immediately ready for operation.

LEDOTRON can be operated conveniently and is in accordance with all required standards.

LEDOTRON controls the brightness and in the future will also control the light colour with suitable lamps.

LEDOTRON is the industry standard and offers unparalleled sustainability and expandability.

Internet presence

www.gira.com
The Gira website is characterised by image-oriented navigation with large illustrations. The broad page layout provides a lot of space for contents, which ensures a good overview of all Gira products, topics and services. Our extensive download area offers operating instructions, manuals, brochures and more for download.

The “My Gira“ user area enables users to access all their personal data directly, including newsletter subscriptions, saved parts lists, watch lists and more. The many other Gira service pages can be quickly accessed from there.

www.download.gira.com
The download area on the Gira website offers a comprehensive archive of operating instructions, documentation, advertising materials, tenders, price information, films and more for Gira products. A convenient search option filters according to article number or name. Documents are provided in a total of 20 languages.

www.katalog.gira.de/en
The Gira online catalogue is clearly structured and illustrated throughout. This enables users to obtain the desired product information quickly and easily. It contains the entire Gira product range and enables parts lists to be created and sent directly by e-mail if desired.

The labels on the Gira product packaging ensure even faster access to the Gira online catalogue. A QR code is printed on these labels. When this code is read using a QR code reader for smartphones or tablets, the corresponding product entry can be called up in the Gira online catalogue simply and conveniently.





www.gira.com



www.download.gira.com



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www.gira.com



www.download.gira.com



www.katalog.gira.de/en

www.media.gira.com
With the Gira media database, Gira makes product illustrations, logos, films and illustrations from advertising materials available to its customers and the press online. The database offers illustrations for downloading for presentation and layout purposes. Registered users can also download high-resolution data for printing. Registration for this service is free of charge.
Users can search for product illustrations using keywords or article numbers.

www.marking.gira.com
With the Gira Inscription Service, you can design call buttons for the Gira door stations, LED signal lamps, orientation plates or push button sensors professionally according to your personal specifications. This process is fast and easy on the Internet. In just a few steps you can create a personal template and order it via the form on the website www.marking.gira.com. The finished labels (available for a fee) are then delivered without delay. Alternatively, there is also a free PDF template on the Internet that you can print out yourself.

In addition, push button sensors in the real materials stainless steel and aluminium can be ordered with individual laser inscription.



www.media.gira.com



www.marking.gira.com



www.media.gira.com



www.marking.gira.com

Gira Design Configurator

The entire Gira design system at a glance
With the Gira Design Configurator, diverse frame variants from the Gira switch ranges can be combined with various functions from the Gira product range according to customer wishes. Personal combinations can be saved in a watch list and called up again quickly as desired. An image gallery with selected design examples offers additional impressions of the individual switch ranges.

www.gira.com/designconfigurator

Wide selection of colours, materials and functions
The Gira Design Configurator makes the wide diversity of the Gira design system visible: ten switch ranges, more than 50 frame variants and numerous inserts in different colours and materials are available. In addition to light switches and socket outlets, intelligent functions such as the Gira push button sensor 3 and Gira surface-mounted home station video can be used.

3D view
In the 3D view, the products which can be individually combined can be viewed from various perspectives within a range of 120°. In this way, the effect of the colour and surface is underlined, as is the spatial impression of the various frame variants and functions.

Free of charge as an app and on the Internet
The Gira Design Configurator can be called up online and is available in the App Store as a free app for the iPhone and iPad. An optimised web display is available for smartphones and tablets with other operating systems.

Integration option for external websites
Specialist electrical shops have the option of individualising the Gira Design Configurator with a logo and easily integrating it on their own homepages.

Design awards
red dot award:
communication design 2012

Concept, editing and Interface design
schmitz
Visuelle Kommunikation,
Wuppertal









Gira app – Intelligent building technology from Gira

Experiencing home control on the iPhone and iPad
Experiencing intelligent building technology and convincing customers. The "Intelligent building technology from Gira" app for the iPhone, iPad and iPod touch includes a demo version of the Gira HomeServer/ FacilityServer app. Customers can use it to experience for themselves how easy and intuitive operating innovative home technology is with the Gira HomeServer. The app also indicates at a glance what options the extensive product range from Gira offers: central control of home technology, time-dependent temperature control, automatic light control and many other flexible solutions for more comfort, security and energy efficiency.

www.gira.de/
gebaeudetechnik-app

The "Intelligent building technology from Gira" app is currently only available in German.

Gira HomeServer/ FacilityServer app demo
The demo version of the Gira HomeServer/ FacilityServer app illustrates the full functionality of the app using a project example.

Your home can do more with Gira
In this overview, the highlights from the Gira product range can be browsed conveniently.

Media centre
The media centre offers quick insight into the world of Gira products. TV commercials and product films feature the various devices in action and make customers crave more.

Supplier search
The supplier search helps find the right contact person in your region for electrical installation with Gira: specialist electrical shops, System Integrators, showrooms and specialists for KNX systems or door communication solutions.

Matching game
The matching game with its colourful pictograms from the Gira campaign playfully introduces the possibilities offered by intelligent building technology from Gira.

Concept, editing and Interface design
schmitz
Visuelle Kommunikation,
Wuppertal









Gira Academy

www.academy.gira.com
The modern electrical installation from Gira offers a broad range of intelligent building technology for convenience and security. Our in-depth knowledge of products and technological developments is passed on to you through the Gira Academy. This is essential because professional knowledge of modern electrical installation simplifies your consulting work and ensures satisfied customers. By taking on new segments with the help of the Gira Academy, you will be able to tap into new turnover potential.

The Gira Academy enables you to individually and specifically train yourself. Everyone finds their own particular ways of training by combining various learning methods. For example, you can learn in a seminar as part of a group or alone at home with your PC. You can decide what's best for you.

Three continuing education methods are available: face-to-face seminars, online seminars and online distance learning courses. Depending on the curriculum, the dates and options for booking, registration and participation are available in English, Dutch and German at www.academy.gira.com. Or call +49(0)2195-602-171 for details.

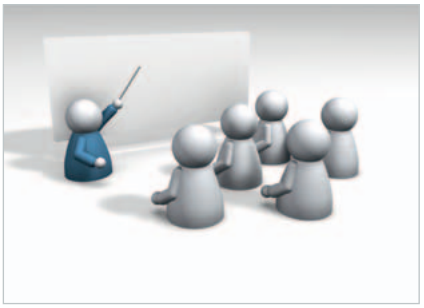
Face-to-face seminars
Classic face-to-face seminars take place in the Gira training rooms in Radevormwald or at external locations. Expert trainers are there to answer your questions about Gira products and technologies.

Your advantage:
You are in direct contact with the trainer and the other seminar participants and can exchange information with them. The products and technologies are made real, vivid and clear for you.

The topics:
- KNX beginner's seminar
- KNX user training course
- KNX alarm system training course
- KNX HomeServer/FacilityServer training
- KNX HomeServer/FacilityServer logics training
- KNX HomeServer/FacilityServer IP training
- Network technology seminar
- Gira Assistance seminar



Start screen


Face-to-face seminars


Gira training room for face-to-face seminars

Online seminar
With online seminars, all participants are connected to the trainer live via the Internet and can talk to each other directly. Online seminars take place in a virtual training room in which you see the lecturer's applications, simulations and slides. A PC with a headset and of course access to the Internet are required for this.

Your advantage:
Cost reductions, as there are no costs for overnight stays or travelling. And yet a trainer is still available live for your questions during the theory and practice units.

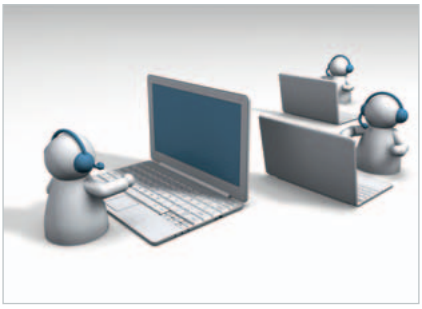
The topics:
- KNX beginner's seminar in the virtual classroom

Other current seminars are at www.academy.gira.com

Online distance learning course
In contrast to face-to-face seminars, you gain knowledge here from specially prepared, multimedia learning content and practical simulations in self-study. The online courses are completed on the Internet.

Your advantage:
You can individually determine your learning phases. Where you learn, when you learn, how long and how often you learn is your own choice.

The topics:
- Gira door communication
- DCS-IP-gateway interactive start-up
- Foundations of network technology
- Network setting Gira HomeServer
- Gira HomeServer/ FacilityServer training documentation



Online seminars



Online distance learning course



Seminar example of Gira DCS-IP-gateway

Gira showrooms

Experiencing intelligent building technology live
View, touch, and try it out. The diverse possibilities of intelligent building technology can be experienced live in the Gira showrooms. In addition to presenting numerous products for controlling light, blinds and heating, other displays include the functions of the Gira door communication system and building control with the Gira HomeServer.

Primarily, end users can gather information regarding the latest state of technical development at the Gira showrooms, while gaining important insight and vivid impressions. This information is also available to interested professionals such as planners and architects. Qualified personnel is available to provide thorough and individual consultation.

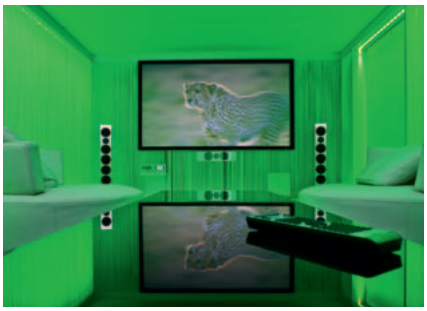
Your country's representative can provide detailed information regarding Gira showrooms in your region.

Gira representatives worldwide Pg. 24-25

www.gira.com/representatives



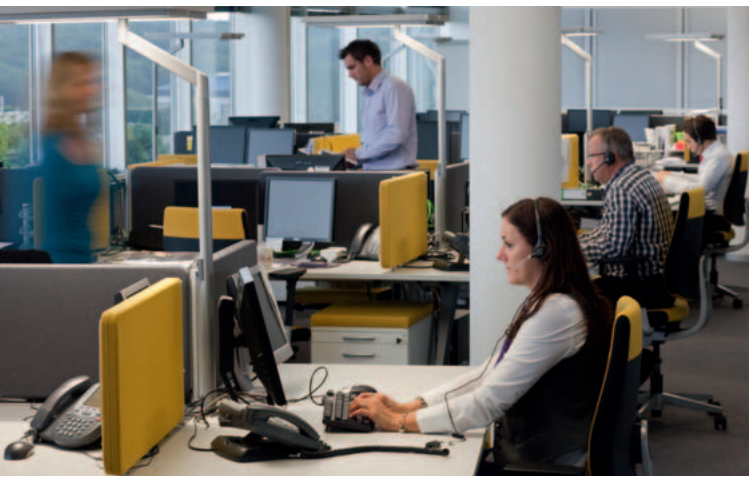








Gira customer centre



The integrated Gira customer centre is responsible for all customer issues worldwide. The core competence of the customer centre is differentiated and solution-oriented consultation and individual support of all customer groups.

The consistent use of customer-oriented technology guarantees optimum service monitoring and control. A modern telephone system allows direct call forwarding to the responsible contact person with a high level of availability.

All processes within the customer centre are professionally documented, and they provide uniform standards and govern all responsibilities. Electronic order processing with EDIFACT ensures timely and error-free data transmission. Services of the customer centre also include the professional processing of specifications, also with GAEB interfaces.

The service quality and effectiveness of the Gira customer-centre have recently been tested by independent analysts from ServiceRating GmbH in Cologne and rated "Excellent" overall.

The decisive factors for the customer orientation in the Gira customer centre rating included the high level of availability and fast reaction times on the telephone, the high level of immediate competence of the staff and a high initial solution rate, plus the adherence to specified throughput times and delivery guarantees, as well as excellent service orientation overall.

A comprehensive representation of the results can be found at www.servicerating.de



In addition, Gira won 10th place in the "Germany's most customer-oriented service providers 2012" competition and won the sector award in the "IT/Electronics" category.



Services provided by the Gira customer centre

Order processing
- Global order processing for wholesale trade
- Personal customer support
- Automated order processing using EDIFACT, as well as the transmission of order confirmation and delivery/payment notices
- Wholesale trade site www.fgh.gira.de

Monday to Friday
7:00 a.m. – 5:00 p.m.

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Phone +49(0)21 95-602-470
Fax +49(0)21 95-602-139

Central team, domestic
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Fax +49(0)21 95-602-239

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Fax +49(0)21 95-602-339

Export team
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Fax +49(0)21 95-602-119

Austrian team
Phone +0800-29 36 62
Fax +0800-29 36 57
verkauf.oesterreich@gira.de

Technical hotline for electricians and System Integrators
- Consultation and error analysis
- Practical problem analysis (test set-up)
- Project planning support
- On-site customer service
- Technical support of System Integrators
- Support of the Gira field testing forum

Monday to Friday
7:30 a.m. – 8:00 p.m.
Saturday 8:00 a.m. – 12:00 p.m.

Technical hotline
Phone +49(0)21 95-602-123
Fax +49(0)21 95-602-118

Austria technical hotline
Phone +0800-29 36 55
Fax +0800-29 36 61

hotline@gira.de

Offers
- Editing of specifications
- Offer preparation (also GAEB interface D83 and D93)
- Telephone product and catalogue consultation

Monday to Friday
8:00 a.m. – 4:00 p.m.

Offers
Phone +49(0)21 95-602-310
Fax +49(0)21 95-602-440

Austria offers
Phone +0800-29 36 58
Fax +0800-29 36 63

angebotswesen@gira.de

Service Center
- Processing of returns from the wholesale trade
  For additional information, see www.retouren.gira.de
- Complaint processing

- Complaint management

Monday to Friday
8:00 a.m. – 4:00 p.m.

Service Center
Phone +49(0)21 95-602-512
Fax +49(0)21 95-602-534

beschwerde@gira.de

Switchboard/reception

Monday to Friday
7:00 a.m. – 6:00 p.m.

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Fax +84 4 39746865
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www.gira.vn

All System 55 central inserts and cover plates are compatible with the cover frames of the Gira Standard 55, E2, Event, Esprit and ClassiX switch ranges, as well as in the Gira Profile 55 and in modular function profiles.

In addition, the TX_44 switch range can be expanded by using special intermediate plates with functions from System 55. As a result, these are also available for the Gira energy and light profiles.

This modular system makes for a lean product line that simultaneously offers a broad range and an attractive variety of products, making it the ideal choice for efficient stock-keeping.

There are more than 300 functions to choose from in System 55.

Installation
Suitable for vertical and horizontal installation

Dimensions (H × W, mm)
55 × 55 mm
Corner radius: R = 0.5

Material
Thermoplastic (polycarbonate, PC), shock-resistant and shatter-proof, halogen-free, UV-resistant

Stainless steel 1.4301 (V2A) galvanically coated (brass, bronze)

Colours and surfaces
Cream white glossy (similar to RAL 9001), pure white glossy (similar to RAL 9010), pure white matt (similar to RAL 9010), anthracite, colour aluminium (lacquered), brass, bronze



Gira Standard 55



Gira Event



Gira E2



Gira Esprit

Central inserts and cover plates
System 55

System 55 central inserts and cover plates

Push switches 30
Switches and push buttons 32
Socket outlets 38
Dimmers 47
Automatic light 48
LED illumination 49
Push button sensors 50
Blind controller 55
Time switch 56
Room temperature controller 58
Ambient air sensor CO_2 59
Door comm. system 60
Keyless In 62
Communication technology 62
Revox multiroom system 72
Eq. bonding socket 72
Surface-mounted 73
Profile 55 74
RDS flush-mounted radio 76
Radio energy and weather display 77

can be combined with
Standard 55 80
E2 86
Event 92
Esprit 106
ClassiX 116
Profile 55 238
Modular function profiles 242
TX_44 248
Energy and light profile 262
Flush-mounted inserts and accessories 270

1 Anthracite
2 Colour aluminium
3 Pure white matt
4 Pure white glossy
5 Cream white glossy
6 Brass
7 Bronze



1 2 3 4 5 6 7



Gira ClassiX



Rocker and SCHUKO socket outlet with child protection, System 55, pure white glossy

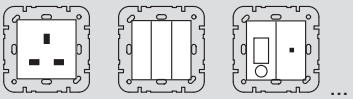
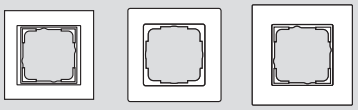
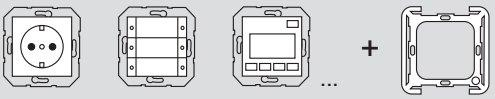
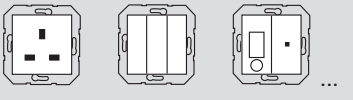
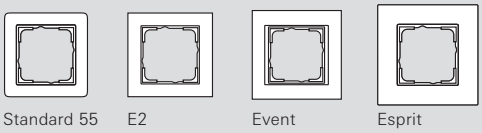
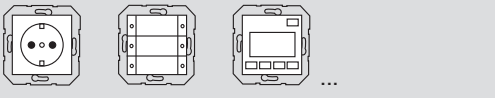
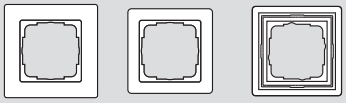
Gira expands System 55 with new functions from the "British Standard" system. It features more than 17 common functions that can be installed both in the circular flush-mounted box and the angular "British Standard" box.

The "British Standard" functions are available in two different support ring versions: for installation in the circular flush-mounted box functions with a 71 mm support ring are required, while with the angular "British Standard" box only functions with an 80 mm support ring can be integrated.

A special 80 mm adapter support ring is required for the installation of common System 55 functions in the angular "British Standard" box.

The range of "British Standard" functions matches the Gira System 55 and E22 switch ranges (see installation overview).

Installation overview: "British Standard" in System 55.

Flush-mounted boxes	Functions	Switch ranges
Angular "British Standard" box	 "British Standard" with 80 mm support ring (a total of 17 functions)	 Event, E22, Esprit
	 System 55 with 71 mm support ring (in total more than 280 functions) + 80 mm adapter support ring*	
Circular flush-mounted box	 "British Standard" with 71 mm support ring (a total of 13 functions)	 Standard 55, E2, Event, Esprit
	 System 55 with 71 mm support ring (in total more than 280 functions)	 E22, Stainless Steel, F100 **

* An 80 mm adapter support ring is required for the installation of System 55 functions in the "British Standard" box (Order no. 2849 00).

** For use of the functions from System 55 in the F100 switch range, a special intermediate plate is required (Order no. 0289 xx).

Central inserts and cover plates
“British Standard” in System 55

“British Standard” functions

Socket outlet “British Standard” (BS 1363-2) 13 A 250 V~

Socket outlet “British Standard” (BS 1363-2) can be switched off, 13 A 250 V~

Socket outlet “British Standard” (BS 1363-2) can be switched off, with LED control light, 13 A 250 V~

Socket outlet “British Standard” (BS 546) with round pin 5 A 250 V~

Socket outlet “British Standard” (BS 546) with round pin 15 A 250 V~

Fused outlet “British Standard” (BS 1363-4) can be switched off 13 A 250 V~

Fused outlet “British Standard” (BS 1363-4) can be switched off, with LED control light, 13 A 250 V~

Push switch “British Standard” (BS EN 60669-1), 2-pole, 20 A 250 V~

Push switch “British Standard” (BS EN 60669-1), 2-pole, with control light 20 A 250 V~

Push switch “British Standard” (BS EN 60669-1), 45 A 250 V~

Push switch “British Standard” (BS EN 60669-1), 3-gang ON/OFF

Push switch “British Standard” (BS EN 60669-1), 3-gang, double 2-way

Push button “British Standard” (BS EN 60669-1), 3-gang, 1-pole, 10 A 250 V~

Only suitable for installation in the angular 2-gang “British Standard” box

2-gang socket outlet “British Standard” (BS 1363-2) 13 A 250 V~

2-gang socket outlet “British Standard” (BS 1363-2) can be switched off, 13 A 250 V~

2-gang socket outlet “British Standard” (BS 1363-2) can be switched off, with LED control light, 13 A 250 V~

Razor socket outlet “British Standard” (DIN EN 61558 2-5)

See pages 38 ff and 30 ff.

1
Gira E2, colour aluminium
“British Standard”
switch, 3-gang/ON-OFF
with 71 mm support ring

2
Gira Event Clear
white/pure white glossy
“British Standard”
socket outlet, 1-gang
can be switched off
250/13 A (LED)
with 71 mm support ring

3
Gira Esprit
glass white/pure white glossy
“British Standard”
fused outlet with control light
with 71 mm support ring



1

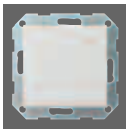


2



3

Push switches

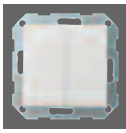


Push switch 10 A 250 V~ with rocker

	Order no.	Packing unit	PS
Universal off/2-way switch[1)]			
cream white glossy	**0126 01**	1/5	01
pure white glossy	**0126 03**	1/5	01
pure white matt	**0126 27**	1/5	01
anthracite	**0126 28**	1/5	11
colour aluminium	**0126 26**	1/5	11
Bronze	**0126 603**	1/5	11
Brass	**0126 604**	1/5	11
Intermediate switch			
cream white glossy	**0127 01**	1/5	01
pure white glossy	**0127 03**	1/5	01
pure white matt	**0127 27**	1/5	01
anthracite	**0127 28**	1/5	11
colour aluminium	**0127 26**	1/5	11
Bronze	**0127 603**	1/5	11
Brass	**0127 604**	1/5	11

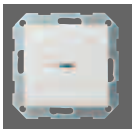
[1)] If this switch is to be illuminated in accordance with the workplace ordinance, please incorporate a control switch.

Acoustic element with illumination 0935 00 → Page 291.



Push switch 10 A 250 V~ with series rockers

	Order no.	Packing unit	PS
Series switch			
cream white glossy	**0125 01**	1/5	01
pure white glossy	**0125 03**	1/5	01
pure white matt	**0125 27**	1/5	01
anthracite	**0125 28**	1/5	11
colour aluminium	**0125 26**	1/5	11
Bronze	**0125 603**	1/5	11
Brass	**0125 604**	1/5	11
Double 2-way switch			
cream white glossy	**0128 01**	1/5	01
pure white glossy	**0128 03**	1/5	01
pure white matt	**0128 27**	1/5	01
anthracite	**0128 28**	1/5	11
colour aluminium	**0128 26**	1/5	11



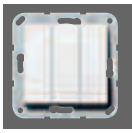
Control push switch 10 A 250 V~ with rocker

	Order no.	Packing unit	PS
Universal off/2-way switch			
cream white glossy	**0136 01**	1/5	01
pure white glossy	**0136 03**	1/5	01
pure white matt	**0136 27**	1/5	01
anthracite	**0136 28**	1/5	11
colour aluminium	**0136 26**	1/5	11
Bronze	**0136 603**	1/5	11
Brass	**0136 604**	1/5	11
Circuit breaker 2-pole			
cream white glossy	**0122 01**	1/5	01
pure white glossy	**0122 03**	1/5	01
pure white matt	**0122 27**	1/5	01
anthracite	**0122 28**	1/5	11
colour aluminium	**0122 26**	1/5	11

With neon lamp element 230 V~, 1.5 mA. For compliance with the workplace ordinance, can also be connected with illumination.

Glow lamp elements 0995 00, 0996 00, 0997 00 → Page 290.

LED illumination insert 0497 07, 0497 08, 0497 10, 0497 18, 0992 00, 1405 00 → Page 290.



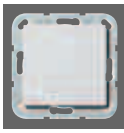
Push button „British Standard" (BS EN 60669-1), 3-gang, 1-pole, 10 A 250 V~

	Order no.	Packing unit	PS
Support ring 71 x 71 mm			
cream white glossy	**2844 01**	10	29
pure white glossy	**2844 03**	10	29
anthracite	**2844 28**	10	29
colour aluminium	**2844 26**	10	29
Support ring 80 x 80 mm			
cream white glossy	**2845 01**	10	29
pure white glossy	**2845 03**	10	29
anthracite	**2845 28**	10	29
colour aluminium	**2845 26**	10	29

With screw terminals. For screw attachment only.

The delivery results subject to countries specific assortments.

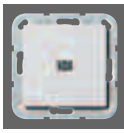
Rocker switches



Switch „British Standard" (BS EN 60669-1), 2-pole, 20 A 250 V~

	Order no.	Packing unit	PS
Support ring 71 x 71 mm			
cream white glossy	**2836 01**	10	29
pure white glossy	**2836 03**	10	29
anthracite	**2836 28**	10	29
colour aluminium	**2836 26**	10	29
Support ring 80 x 80 mm			
cream white glossy	**2837 01**	10	29
pure white glossy	**2837 03**	10	29
anthracite	**2837 28**	10	29
colour aluminium	**2837 26**	10	29

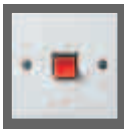
With screw terminals. For screw attachment only.



Switch „British Standard" (BS EN 60669-1), 2-pole, with LED-control light 20 A 250 V~

	Order no.	Packing unit	PS
Support ring 71 x 71 mm			
cream white glossy	**2834 01**	10	29
pure white glossy	**2834 03**	10	29
anthracite	**2834 28**	10	29
colour aluminium	**2834 26**	10	29
Support ring 80 x 80 mm			
cream white glossy	**2835 01**	10	29
pure white glossy	**2835 03**	10	29
anthracite	**2835 28**	10	29
colour aluminium	**2835 26**	10	29

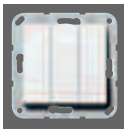
With screw terminals. For screw attachment only.
LED illumination insert, 230 V~ 0497 10 → Page 290.



Switch „British Standard" (BS EN 60669-1), 45 A 250 V~

	Order no.	Packing unit	PS
Support ring 80 x 80 mm			
cream white glossy	**2838 01**	1	29
pure white glossy	**2838 03**	1	29
anthracite	**2838 28**	1	29
colour aluminium	**2838 26**	1	29

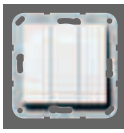
With screw terminals. For screw attachment only.



Switch „British Standard" (BS EN 60669-1), 3-gang ON/OFF

	Order no.	Packing unit	PS
Support ring 71 x 71 mm			
cream white glossy	**2830 01**	10	29
pure white glossy	**2830 03**	10	29
anthracite	**2830 28**	10	29
colour aluminium	**2830 26**	10	29
Support ring 80 x 80 mm			
cream white glossy	**2831 01**	10	29
pure white glossy	**2831 03**	10	29
anthracite	**2831 28**	10	29
colour aluminium	**2831 26**	10	29

With screw terminals. For screw attachment only.



Switch „British Standard" (BS EN 60669-1), 3-gang, 2-way

	Order no.	Packing unit	PS
Support ring 71 x 71 mm			
cream white glossy	**2832 01**	10	29
pure white glossy	**2832 03**	10	29
anthracite	**2832 28**	10	29
colour aluminium	**2832 26**	10	29
Support ring 80 x 80 mm			
cream white glossy	**2833 01**	10	29
pure white glossy	**2833 03**	10	29
anthracite	**2833 28**	10	29
colour aluminium	**2833 26**	10	29

With screw terminals. For screw attachment only.

Cover plates for switches and push buttons

The following cover plates and rockers are supplied without inserts. Please order separately → Page 275.



System 2000 touch switching top unit

	Order no.	Packing unit	PS
cream white glossy	**2261 01**	1/5	02
pure white glossy	**2261 03**	1/5	02
pure white matt	**2261 27**	1/5	02
anthracite	**2261 28**	1/5	02
colour aluminium	**2261 26**	1/5	02

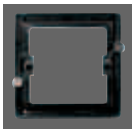
Switching top unit for use with the System 2000 switch inserts. Lighting is controlled by lightly touching the operating area without the movement of mechanical elements.
Touching the area carries out switch-on or switch-off. A blue orientation LED lights up as long as the load is switched off. It goes out when the load is switched on.
System 2000 Tronic switch insert 0866 00 → Page 280.
System 2000 Triac switch insert 0854 00 → Page 280.
System 2000 relay insert 0853 00 → Page 281.
System 2000 relay insert, zero-voltage, 1148 00 → Page 281.
System 2000 HLK relay insert 0303 00 → Page 282.



Rocker for rocker switches and push rockers

	Order no.	Packing unit	PS
cream white glossy	**0296 01**	10/100	21
pure white glossy	**0296 03**	10/100	21
pure white matt	**0296 27**	10/50	21
anthracite	**0296 28**	10/100	11
colour aluminium	**0296 26**	10/100	11
Bronze	**0296 603**	10	11
Brass	**0296 604**	10	11

In combination with the sealing set and cover frames Standard 55 and E2, 1 to 5-gang, rocker switches and push rockers can be installed water-protected and flush-mounted IP 44 (does not apply to series rockers).
Inserts 0102 00, 0103 00, 0106 00, 0107 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 275.
Bus-coupler push button 0181 00, 0184 00 → Page 422.
Screwable claw 1401 27 → Page 32.
Sealing set 0251 27 → Page 74.
Cover frames Standard 55, 1 to 5-gang, 0211 .. to 0215 .. → Page 82.
Cover frames E2, 1 to 5-gang, 0211 .. to 0215 .. → Page 88.



Screwable claw

	Order no.	Packing unit	PS
	1401 27	5/25	01

Screwable claw for cover plates from System 55 for rocker switches and push rockers.
Suitable for System 55 cover plate 0209 .., 0216 .., 0217 .., 0218 .., 0285 .., 0286 .., 0287 .., 0290 .., 0296 .., 0299 .., 0670 .., 0673 .., 0674 .., 0676 .., 0678 .., 0679 ...



Rocker with inscription space for rocker switches and push rockers

	Order no.	Packing unit	PS
cream white glossy	**0299 01**	10	01
pure white glossy	**0299 03**	10	01
pure white matt	**0299 27**	10	01
anthracite	**0299 28**	10	11
colour aluminium	**0299 26**	1	11
Bronze	**0299 603**	1	11
Brass	**0299 604**	1	11

Neutral inscription label is included. Inscription labels with „light“, „bell“ and „door“ symbols are included.
Inserts 0102 00, 0103 00, 0106 00, 0107 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 275.
Bus-coupler push button 0181 00, 0184 00 → Page 422.
Inscription sheets 1455 00 → Page 294.
Screwable claw 1401 27 → Page 32.



Rocker with large inscription space for rocker switches and push rockers

	Order no.	Packing unit	PS
cream white glossy	**0676 01**	1	01
pure white glossy	**0676 03**	5	01
pure white matt	**0676 27**	5	01
anthracite	**0676 28**	1	11
colour aluminium	**0676 26**	1	11

With large inscription space (37 x 47 mm).
Neutral inscription label is included. Inscription labels with „light“, „bell“ and „door“ symbols are included.
Inserts 0102 00, 0103 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 275.
Bus-coupler push button 0181 00, 0184 00 → Page 422.
Inscription sheets 1456 00 → Page 294.
Screwable claw 1401 27 → Page 32.

The delivery results subject to countries specific assortments.



Rocker with symbol for rocker switches and push rockers

	Order no.	Packing unit	PS
Light			
cream white glossy	**0285 01**	10	01
pure white glossy	**0285 03**	10	01
pure white matt	**0285 27**	10	01
anthracite	**0285 28**	1	11
colour aluminium	**0285 26**	1	11
Bronze	**0285 603**	1	11
Brass	**0285 604**	1	11
Bell			
cream white glossy	**0286 01**	10	01
pure white glossy	**0286 03**	10	01
pure white matt	**0286 27**	10	01
anthracite	**0286 28**	10	11
colour aluminium	**0286 26**	10	11
Bronze	**0286 603**	1	11
Brass	**0286 604**	1	11
Door			
cream white glossy	**0287 01**	10	01
pure white glossy	**0287 03**	10	01
pure white matt	**0287 27**	10	01
anthracite	**0287 28**	1	11
colour aluminium	**0287 26**	1	11
Bronze	**0287 603**	1	11
Brass	**0287 604**	1	11

Inserts 0102 00, 0103 00, 0106 00, 0107 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 275.
Bus-coupler push button 0181 00, 0184 00 → Page 422.
Screwable claw 1401 27 → Page 32.



Rocker with large inscription space and large, raised symbols for rocker switches and push rockers

	Order no.	Packing unit	PS
Light			
cream white glossy	**0216 01**	1	01
pure white glossy	**0216 03**	1	01
pure white matt	**0216 27**	1	01
anthracite	**0216 28**	1	11
colour aluminium	**0216 26**	1	11
Bell			
cream white glossy	**0217 01**	1	01
pure white glossy	**0217 03**	1	01
pure white matt	**0217 27**	1	01
anthracite	**0217 28**	1	11
colour aluminium	**0217 26**	1	11
Door			
cream white glossy	**0218 01**	1	01
pure white glossy	**0218 03**	1	01
pure white matt	**0218 27**	1	01
anthracite	**0218 28**	1	11
colour aluminium	**0218 26**	1	11

With large inscription space (37 x 47 mm).
Designed especially for barrier-free living of the seeing-impaired.
Neutral inscription label is included.
Inserts 0102 00, 0103 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 275.
Acoustic element with illumination 0935 00 → Page 291.
Bus-coupler push button 0181 00, 0184 00 → Page 422.
Inscription sheets 1456 00 → Page 294.
Screwable claw 1401 27 → Page 32.



Rocker with bell symbol and inscription space for push rockers

	Order no.	Packing unit	PS
Bell			
cream white glossy	**0673 01**	1	01
pure white glossy	**0673 03**	10	01
pure white matt	**0673 27**	10	01
anthracite	**0673 28**	1	11
colour aluminium	**0673 26**	1	11

Inserts 0150 00, 0151 00, 0152 00, 0156 00 → Page 276.
Bus coupler push button 0181 00 → Page 422.
Inscription sheets 1455 00 → Page 294.
Screwable claw 1401 27 → Page 32.



Rocker with bell symbol and large inscription space for push rockers

	Order no.	Packing unit	PS
Bell			
cream white glossy	**0679 01**	1	01
pure white glossy	**0679 03**	5	01
pure white matt	**0679 27**	5	01
anthracite	**0679 28**	1	11
colour aluminium	**0679 26**	1	11

With large inscription space (37 x 47 mm).
Neutral inscription label is included.
Inserts 0150 00, 0151 00, 0152 00, 0156 00 → Page 276.
Bus coupler push button 0181 00 → Page 422.
Inscription sheets 1456 00 → Page 294.
Screwable claw 1401 27 → Page 32.



Series rockers for rocker switches and push rockers

	Order no.	Packing unit	PS
cream white glossy	**0295 01**	10/100	01
pure white glossy	**0295 03**	10/100	01
pure white matt	**0295 27**	10/100	01
anthracite	**0295 28**	10	11
colour aluminium	**0295 26**	10	11
Bronze	**0295 603**	10	11
Brass	**0295 604**	10	11

Inserts 0105 00, 0108 00, 0139 00, 0147 00, 0155 00 → Page 275.
Bus coupler push button 0182 00, 0185 00 → Page 422.

System 55 – Shatter-proof Cover plates for switches and push buttons

GIRA



Series rockers with sealing set IP 44 for rocker switches and push rockers

	Order no.	Packing unit	PS
Standard 55, E2			
cream white glossy	**0266 01**	1/5	01
pure white glossy	**0266 03**	1/5	01
pure white matt	**0266 27**	1/5	01
anthracite	**0266 28**	1/5	11
colour aluminium	**0266 26**	1/5	11

Series or double 2-way switches from System 55 can be installed as water-protected, flush-mounted IP 44 in conjunction with the cover frame Standard 55, 1 to 5-gang and cover frames E2, 1 to 5-gang. Scope of supply: Sealing set complete with series rockers for rocker switches and push rockers.
Inserts 0105 00, 0108 00, 0139 00, 0147 00, 0155 00 → Page 275.
Cover frames Standard 55, 1 to 5-gang, 0211 .. to 0215 .. → Page 82.
Cover frames E2, 1 to 5-gang, 0211 .. to 0215 .. → Page 88.



Series rockers with control window for series control switches

cream white glossy	**0631 01**	1	01
pure white glossy	**0631 03**	10	01
pure white matt	**0631 27**	1	01
anthracite	**0631 28**	1	11
colour aluminium	**0631 26**	1	11

Series control switch insert 0145 00 → Page 275.
Screwable claw 1401 27 → Page 32.



Rockers with arrow symbol

cream white glossy	**0294 01**	10	01
pure white glossy	**0294 03**	10/100	01
pure white matt	**0294 27**	10/100	01
anthracite	**0294 28**	10	11
colour aluminium	**0294 26**	10	11
Bronze	**0294 603**	10	11
Brass	**0294 604**	10	11

Blind button/switch inserts 0158 00, 0159 00 → Page 277.
Bus-coupler button 0182 00 → Page 422.



Rockers with arrow symbols

cream white glossy	**1150 01**	1	01
pure white glossy	**1150 03**	1	01
pure white matt	**1150 27**	1	01
anthracite	**1150 28**	1	11
colour aluminium	**1150 26**	1	11

Push rocker insert, 4-gang 0147 00 → Page 276.
Bus coupler push button 0185 00 → Page 475.



Rocker with control window for rocker switches and push rockers

	Order no.	Packing unit	PS
cream white glossy	**0290 01**	10	01
pure white glossy	**0290 03**	10/100	01
pure white matt	**0290 27**	10/50	01
anthracite	**0290 28**	10	11
colour aluminium	**0290 26**	10	11
Bronze	**0290 603**	10	11
Brass	**0290 604**	10	11

Inserts 0102 00, 0103 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 275.
Bus-coupler push button 0181 00, 0184 00 → Page 422.
Screwable claw 1401 27 → Page 32.



Rocker with inscription space and control window for rocker switches and push rockers

cream white glossy	**0670 01**	1	01
pure white glossy	**0670 03**	10	01
pure white matt	**0670 27**	10/100	01
anthracite	**0670 28**	1	11
colour aluminium	**0670 26**	1	11

Inscription labels with „light", „bell" and „door" symbols are included.
Inserts 0102 00, 0103 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 275.
Bus-coupler push button 0181 00, 0184 00 → Page 422.
Inscription sheets 1455 00 → Page 294.
Screwable claw 1401 27 → Page 32.



Rocker with light symbol and control window for rocker switches and push rockers

Light			
cream white glossy	**0674 01**	10	01
pure white glossy	**0674 03**	10	01
pure white matt	**0674 27**	10	01
anthracite	**0674 28**	10	11
colour aluminium	**0674 26**	10	11

Inserts 0102 00, 0103 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 275.
Bus-coupler push button 0181 00, 0184 00 → Page 422.
Screwable claw 1401 27 → Page 32.



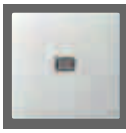
Rocker with socket outlet symbol and control window for rocker switches and push rockers

Socket outlet			
cream white glossy	**0209 01**	1	01
pure white glossy	**0209 03**	1	01
pure white matt	**0209 27**	1	01
anthracite	**0209 28**	1	11
colour aluminium	**0209 26**	1	11

For switchable socket outlets.
Inserts 0102 00, 0103 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 275.
Bus-coupler push button 0181 00, 0184 00 → Page 422.
Screwable claw 1401 27 → Page 32.

The delivery results subject to countries specific assortments.

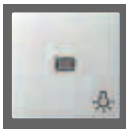
	Order no.	Packing unit	PS



Rocker with large control window for rocker switches and push rockers

cream white glossy	**0298 01**	1	01
pure white glossy	**0298 03**	10	01
pure white matt	**0298 27**	1	01
anthracite	**0298 28**	1	11
colour aluminium	**0298 26**	1	11

Inserts 0102 00, 0103 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 275.
Bus-coupler push button 0181 00, 0184 00 → Page 422.
Screwable claw 1401 27 → Page 32.



Rocker with light symbol and large control window for rocker switches and push rockers

Light

cream white glossy	**0630 01**	1	01
pure white glossy	**0630 03**	1	01
pure white matt	**0630 27**	1	01
anthracite	**0630 28**	1	11
colour aluminium	**0630 26**	1	11

Inserts 0102 00, 0103 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 275.
Bus-coupler push button 0181 00, 0184 00 → Page 422.
Screwable claw 1401 27 → Page 32.



Rocker labelled „Heizung Notschalter" and control window for control switch

cream white glossy	**0678 01**	1	01
pure white glossy	**0678 03**	10	01
pure white matt	**0678 27**	10	01
anthracite	**0678 28**	1	11
colour aluminium	**0678 26**	1	11

Control switch inserts 0112 00, 0116 00 → Page 275.
Screwable claw 1401 27 → Page 32.

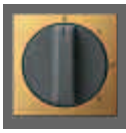


Cover plate with knob for three-stage switch

with zero setting

cream white glossy	**0669 01**	1	02
pure white glossy	**0669 03**	1	02
pure white matt	**0669 27**	1	02
anthracite	**0669 28**	1	02
colour aluminium	**0669 26**	1	02

Three-stage switch insert 0149 00 → Page 289.



Cover plate with knob for three-stage switch

with zero setting

Bronze	**0669 603**	1	02
Brass	**0669 604**	1	02

Three-stage switch insert 0149 00 → Page 289.

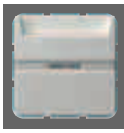
	Order no.	Packing unit	PS



Cover plate for pull-switch and pull-button inserts

cream white glossy	**0638 01**	10/100	01
pure white glossy	**0638 03**	10	01
pure white matt	**0638 27**	10	01
anthracite	**0638 28**	1	11
colour aluminium	**0638 26**	1	11

Neutral and red lens included.
Pull-switch/pull-button inserts 0142 00, 0146 00, 0165 00 → Page 276.

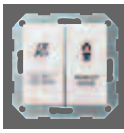


Hotel-card button 10 A 250 V~ with inscription space

2-way switch, 1-pole

cream white glossy	**0140 01**	1	01
pure white glossy	**0140 03**	1	01
pure white matt	**0140 27**	1	01
anthracite	**0140 28**	1	11
colour aluminium	**0140 26**	1	11
Bronze	**0140 603**	1/5	11
Brass	**0140 604**	1/5	11

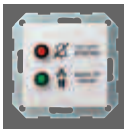
The hotel-card button with disassembly safeguard can, for example, take over safety or energy-saving functions. When the hotel-card is removed, any devices which are still switched on are deactivated. The electric circuit is only activated via the push button after insertion of the card.
Additional designs on request.
Inscription sheets 1457 00 → Page 294.



Rocker switch 10 A 250 V~ with series rockers for hotel-status display

cream white glossy	**1104 01**	1	01
pure white glossy	**1104 03**	1	01
pure white matt	**1104 27**	1	01
anthracite	**1104 28**	1	11
colour aluminium	**1104 26**	1	11

Switch for hotel-status display „Do not disturb" and „Make up room".
With block preventing two-sided activation.
Electrically and mechanically locked.
Hotel-status display 0297 .. → Page 35.
LED signal light red/green 1171 00 → Page 36.



Hotel-status display, 230 V~

cream white glossy	**0297 01**	1	01
pure white glossy	**0297 03**	1	01
pure white matt	**0297 27**	1	01
anthracite	**0297 28**	1	11
colour aluminium	**0297 26**	1	11

With green and red 230 V LED, labelling and symbols.
For „Do not disturb" and „Make up room" indication.
Installed in a device box in accordance with DIN 49073 (deep box).
Series switches for hotel-status display 1104 .. → Page 35.

	Order no.	Packing unit	PS



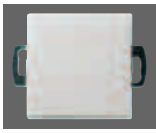
LED signal light, 230 V~, red/green

	1171 00	1	02

With the signal light, simple signalling can be realised, e.g. for doctor's consulting rooms, conference rooms or in hotel rooms. The entire insert surface of 55 x 55 mm is divided into an upper half for the colour red and a lower half for the colour green with homogeneous illumination. The two halves can be activated separately, e.g. by using a series switch. Two inscription labels „Bitte warten"/„Bitte eintreten" and „Do not disturb"/„Make up room" are included.

Power supply:	230 V AC, 50 Hz
Power consumption:	1.0 W/5.6 VA
Light intensity:	0.1 cd (red)
	0.3 cd (green)
Protection type:	IP 20
Operating temperature:	-15 °C to +40 °C

Series switches for hotel-status display 1104 .. → Page 35.
Rocker blind switch/button 0159 00 → Page 277.
Inscription sheets 2870 .. → Page 295.



Push button with short-stroke button 0.5 A 42 V~ including rocker

NO contact, 1-pole

cream white glossy	**0138 01**	1/5	01
pure white glossy	**0138 03**	1/5	01
pure white matt	**0138 27**	1/5	01
anthracite	**0138 28**	1/5	11
colour aluminium	**0138 26**	1/5	11

With screw terminals.
For clamp and peg attachment.

Surface-mounted housing, flat design (E2, Event Esprit) 0219 .. → Page 73.
Surface-mounted housing, flat design (Standard 55) 0219 .. → Page 73.



Push button with short-stroke button 0.5 A 42 V~ including rocker and control window

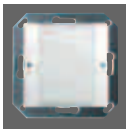
NO contact, 1-pole

cream white glossy	**0153 01**	1/5	01
pure white glossy	**0153 03**	1/5	01
pure white matt	**0153 27**	1/5	01
anthracite	**0153 28**	1/5	11
colour aluminium	**0153 26**	1/5	11

With screw terminals. For clamp and peg attachment. Can be illuminated using light bulb element with separate conductor.

Light bulb element 12 V~ 049814 → Page 291.
Surface-mounted housing, flat design (E2, Event Esprit) 0219 .. → Page 73.
Surface-mounted housing, flat design (Standard 55) 0219 .. → Page 73.

	Order no.	Packing unit	PS



Push button sensor 2, 1-gang 24 V, zero-voltage with inscription space

clear/pure white glossy	**2001 100**	1	02

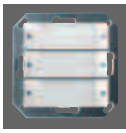
Push button sensor 2 for connection to 24 V control systems **(SELV circuits only)**.

- Rocker with two red LEDs for status indication.
- Disassembly safeguard implemented via its being screwed down.
- Background illumination.
- Neutral-colour inscription labels included.
- Can be lit in accordance with the workplace ordinance.
- Connection of 2 push buttons, 2 LEDs and background illumination via terminal block on the back.

Professional labelling with the Gira Inscription Service **www.marking.gira.com**.

Nominal voltage of push button:	AC/DC 24 V SELV
Load capacity of push button:	max. 20 mA per push button
Nominal voltage of LED:	DC 24 V SELV
Load capacity of LED:	1 mA per LED
Connection:	2 x 9-pole terminal block 0.4 to 0.8 mm single-wire
Temperature range:	-5 °C to +45 °C
Protection type:	IP 20

Inscription sheets 1090 00 → Page 295.



Push button sensor 2, 3-gang 24 V, zero-voltage with inscription space

clear/pure white glossy	**2003 100**	1	02

Push button sensor 2 for connection to 24 V control systems **(SELV circuits only)**.

- 3 rockers with two red LEDs each for status indication.
- Disassembly safeguard implemented via its being screwed down.
- Background illumination.
- Neutral-colour inscription labels included.
- Can be lit in accordance with the workplace ordinance.
- Connection of 6 push buttons, 6 LEDs and background illumination via terminal block on the back.

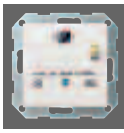
Professional labelling with the Gira Inscription Service **www.marking.gira.com**.

Nominal voltage of push button:	AC/DC 24 V SELV
Load capacity of push button:	max. 20 mA per push button
Nominal voltage of LED:	DC 24 V SELV
Load capacity of LED:	1 mA per LED
Connection:	2 x 9-pole terminal block 0.4 to 0.8 mm single-wire
Temperature range:	-5 °C to +45 °C
Protection type:	IP 20

Inscription sheets 1090 00 → Page 295.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



RCD, 30 mA

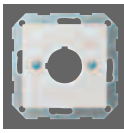
cream white glossy	**0114 01**	1	03
pure white glossy	**0114 03**	1	03
pure white matt	**0114 27**	1	03
anthracite	**0114 28**	1	03
colour aluminium	**0114 26**	1	03

RCD (residual-current device) with connection wires pursuant to **DIN VDE 0664** for the detection of earth-bound fault currents. For installation in a 60 mm flush-mounted box (deep box recommended). Stationary protection device with voltage-independent function.
For screw attachment without fixing claws.
Area of use: parapet ducts, in front of non-SCHUKO socket outlets or in Gira energy profiles.

Rated voltage:	230 V~ (AC)
Rated current:	16 A
Rated fault current:	30 mA
Ambient temperature:	-25 °C to +40 °C
Connection cross section:	1.5 to 2.5 mm^2

Energy profiles 1343 .., 1344 .., 1345 .., 1349 .., 1351 .., 1353 .., 1354 .., 1355 .., 1356 .. → Page 264.

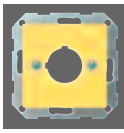
i 33



Cover plate with support ring for acceptance of command and signal devices with a diameter of ∅ 22.5 mm

cream white glossy	**0272 01**	1	01
pure white glossy	**0272 03**	5	01
pure white matt	**0272 27**	5	01
anthracite	**0272 28**	1	11
colour aluminium	**0272 26**	1	11

For screw attachment. For push buttons, slam buttons, key buttons, non-latching buttons, illuminated buttons, mushroom buttons, selector switches and signal lights, e.g. from Lumitas, Rafi, Elan and Fanal.



Cover plate with support ring for acceptance of push-buttons, mushroom buttons etc. with a diameter of ∅ 22.5 mm

yellow, glossy	**0271 02**	1	01

For screw attachment.

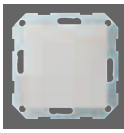


Complete cover plate with glass plate and rocker, with 1-gang cover frame

red	**0288 27**	1	01
Replacement plate	**0099 27**	1	01

This cover plate fits on all flush-mounted rocker switches and push rockers. An inscription set with the following is included: Hausalarm, Notschalter, Rauchabzug and Heizung-Notschalter.
Individual device. Not for combination. Not compatible with System 55 design.
Inserts 0102 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 275.

	Order no.	Packing unit	PS



Blind cover plate with support ring

cream white glossy	**0268 01**	10/100	01
pure white glossy	**0268 03**	10/100	01
pure white matt	**0268 27**	10/100	01
anthracite	**0268 28**	10/100	11
colour aluminium	**0268 26**	10/100	11
Bronze	**0268 603**	5	11
Brass	**0268 604**	5	11

For screw attachment.

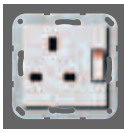
Socket outlets



Socket outlet „British Standard" (BS 1363-2) 13 A 250 V~

	Order no.	Packing unit	PS
Support ring 71 x 71 mm			
cream white glossy	**2776 01**	10	29
pure white glossy	**2776 03**	10	29
anthracite	**2776 28**	10/100	29
colour aluminium	**2776 26**	10	29
Support ring 80 x 80 mm			
cream white glossy	**2777 01**	10	29
pure white glossy	**2777 03**	10	29
anthracite	**2777 28**	10	29
colour aluminium	**2777 26**	10	29

With screw terminals. For screw attachment only.



Socket outlet „British Standard" (BS 1363-2) can be switched off, 13 A 250 V~

	Order no.	Packing unit	PS
Support ring 71 x 71 mm			
cream white glossy	**2778 01**	10	29
pure white glossy	**2778 03**	10	29
anthracite	**2778 28**	10	29
colour aluminium	**2778 26**	10	29
Support ring 80 x 80 mm			
cream white glossy	**2779 01**	10	29
pure white glossy	**2779 03**	10	29
anthracite	**2779 28**	10	29
colour aluminium	**2779 26**	10	29

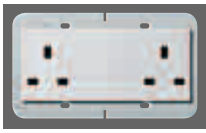
With screw terminals. For screw attachment only.



Socket outlet „British Standard" (BS 1363-2) can be switched off, with LED control light, 13 A 250 V~

	Order no.	Packing unit	PS
Support ring 71 x 71 mm			
cream white glossy	**2780 01**	10	29
pure white glossy	**2780 03**	10	29
anthracite	**2780 28**	10	29
colour aluminium	**2780 26**	10	29
Support ring 80 x 80 mm			
cream white glossy	**2781 01**	10	29
pure white glossy	**2781 03**	10	29
anthracite	**2781 28**	10	29
colour aluminium	**2781 26**	10	29

With screw terminals. For screw attachment only.



2-gang socket outlet „British Standard" (BS 1363-2) 13 A 250 V~

	Order no.	Packing unit	PS
Support ring 80 x 132 mm			
cream white glossy	**2782 01**	5	29
pure white glossy	**2782 03**	5	29
anthracite	**2782 28**	5	29
colour aluminium	**2782 26**	5	29

With screw terminals. For screw attachment only.
Installation only possible in combination with System 55 cover frame, 2-gang without crossbar 1002 ...



2-gang socket outlet „British Standard" (BS 1363-2) can be switched off, 13 A 250 V~

	Order no.	Packing unit	PS
Support ring 80 x 132 mm			
cream white glossy	**2783 01**	5	29
pure white glossy	**2783 03**	5	29
anthracite	**2783 28**	5	29
colour aluminium	**2783 26**	5	29

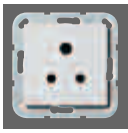
With screw terminals. For screw attachment only.
Installation only possible in combination with System 55 cover frame, 2-gang without crossbar 1002 ...



2-gang socket outlet „British Standard" (BS 1363-2) can be switched off, with LED control light, 13 A 250 V~

	Order no.	Packing unit	PS
Support ring 80 x 132 mm			
cream white glossy	**2784 01**	5	29
pure white glossy	**2784 03**	5	29
anthracite	**2784 28**	5	29
colour aluminium	**2784 26**	5	29

With screw terminals. For screw attachment only.
Installation only possible in combination with System 55 cover frame, 2-gang without crossbar 1002 ...



Socket outlet „British Standard" (BS 546), round pin, 5 A 250 V~

	Order no.	Packing unit	PS
Support ring 71 x 71 mm			
cream white glossy	**2772 01**	10	29
pure white glossy	**2772 03**	10	29
anthracite	**2772 28**	10	29
colour aluminium	**2772 26**	10	29
Support ring 80 x 80 mm			
cream white glossy	**2773 01**	10	29
pure white glossy	**2773 03**	10	29
anthracite	**2773 28**	10	29
colour aluminium	**2773 26**	10	29

With screw terminals. For screw attachment only.

The delivery results subject to countries specific assortments.

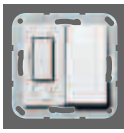
	Order no.	Packing unit	PS



Socket outlet „British Standard" (BS 546), round pin, 15 A 250 V~

Support ring 71 x 71 mm			
cream white glossy	**2774 01**	10	29
pure white glossy	**2774 03**	10	29
anthracite	**2774 28**	10	29
colour aluminium	**2774 26**	10	29
Support ring 80 x 80 mm			
cream white glossy	**2775 01**	10	29
pure white glossy	**2775 03**	10	29
anthracite	**2775 28**	10	29
colour aluminium	**2775 26**	10	29

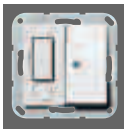
With screw terminals. For screw attachment only.



Fused outlet „British Standard" (BS 1363-4) can be switched off 13 A 250 V~

Support ring 71 x 71 mm			
cream white glossy	**2785 01**	10	29
pure white glossy	**2785 03**	10	29
anthracite	**2785 28**	10	29
colour aluminium	**2785 26**	10	29
Support ring 80 x 80 mm			
cream white glossy	**2786 01**	10	29
pure white glossy	**2786 03**	10	29
anthracite	**2786 28**	10	29
colour aluminium	**2786 26**	10	29

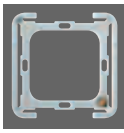
New. Available starting January 2013.
With screw terminals. For screw attachment only.
Replacement fuse 0497 36 → Page 293.



Fused outlet „British Standard" (BS 1363-4) can be switched off, with LED control light, 13 A 250 V~

Support ring 71 x 71 mm			
cream white glossy	**2787 01**	10	29
pure white glossy	**2787 03**	10	29
anthracite	**2787 28**	10	29
colour aluminium	**2787 26**	10	29
Support ring 80 x 80 mm			
cream white glossy	**2788 01**	10	29
pure white glossy	**2788 03**	10	29
anthracite	**2788 28**	10	29
colour aluminium	**2788 26**	10	29

New. Available starting January 2013.
With screw terminals. For screw attachment only.
Replacement fuse 0497 36 → Page 293.

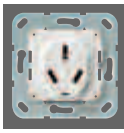


Adapter support ring 80 x 80 mm

Adapter support ring 80 x 80 mm	**2849 00**	1	29

For integration of Gira functions with support ring 71 x 71 mm.

	Order no.	Packing unit	PS



Chinese socket outlet insert 16 A 250 V~

	0424 100	10/150	01

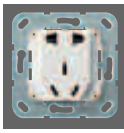
New.
Cover plate for Chinese socket outlet 16 A 2842 .. → Page 39.



Cover plate for Chinese socket outlet 16 A 250 V~

cream white glossy	**2842 01**	10	29
pure white glossy	**2842 03**	10	29
pure white matt	**2842 27**	10	29
anthracite	**2842 28**	10	29
colour aluminium	**2842 26**	10	29

New.
Chinese socket outlet insert 16 A 0424 100 → Page 39.



2-gang socket outlet insert Chinese socket outlet 10 A and „EURO-US" socket outlet 10 A

	0425 100	10/150	01

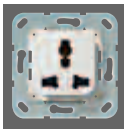
New.
Cover plate for 2-gang socket outlet Chinese socket outlet and „EURO-US" socket outlet 2843 .. → Page 39.



Cover plate for 2-gang socket outlet Chinese socket outlet 10 A and „EURO-US" socket outlet 10 A

cream white glossy	**2843 01**	10	29
pure white glossy	**2843 03**	10	29
pure white matt	**2843 27**	10	29
anthracite	**2843 28**	10	29
colour aluminium	**2843 26**	10	29

New.
Insert for 2-gang socket outlet Chinese socket outlet and „EURO-US" socket outlet 425 100 → Page 39.



Chinese socket outlet insert 10 A 250 V~

	0420 100	10	01

New. Date of delivery upon request.
This product is available only outside Europe.
Cover plate for Chinese socket outlet 10 A 2839 .. → Page 40.



Cover plate for Chinese socket outlet 10 A/250 V~

	Order no.	Packing unit	PS
cream white glossy	**2839 01**	10	29
pure white glossy	**2839 03**	10	29
pure white matt	**2839 27**	10	29
anthracite	**2839 28**	10	29
colour aluminium	**2839 26**	10	29

New. Date of delivery upon request.
This product is available only outside Europe.
Chinese socket outlet insert 10 A 0420 100 → Page 39.



Multinational socket outlet insert

	Order no.	Packing unit	PS
	2815 00	10	29

New. Date of delivery upon request.
This product is available only outside Europe.
Cover plate multinational socket outlet 2841 .. → Page 40.



Cover plate multinational socket outlet

	Order no.	Packing unit	PS
cream white glossy	**2841 01**	10	29
pure white glossy	**2841 03**	10	29
pure white matt	**2841 27**	10	29
anthracite	**2841 28**	10	29
colour aluminium	**2841 26**	10	29

New. Date of delivery upon request.
This product is available only outside Europe.
Multinalional socket outlet insert 2815 00 → Page 40.



Safety-razor socket outlet according to IEC 61558-2-5 and IEC 61558-1 for 2-gang cover frame without crossbar

	Order no.	Packing unit	PS
cream white glossy	**2789 01**	1	29
pure white glossy	**2789 03**	1	29
anthracite	**2789 28**	1	29
colour aluminium	**2789 26**	1	29

New. Available starting January 2013.
Installation possible without cover frame or with System 55 or E22 cover frame, 2-gang without crossbar 1002 ...
Panel box 2819 00 → Page 40.



Panel box for safety razor socket outlet

	Order no.	Packing unit	PS
	2819 00	1	01

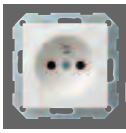
New. Available starting January 2013.
Safety razor socket outlet 2789 .. → Page 40.



Socket outlet with no protective contact 2-pole 16/250~

	Order no.	Packing unit	PS
cream white glossy	**0480 01**	10	01
pure white glossy	**0480 03**	10	01
pure white matt	**0480 27**	10	11
anthracite	**0480 28**	10	11
colour aluminium	**0480 26**	1/5	11

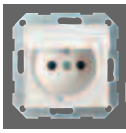
Solely as replacement supply for installations existing before October 1981 in Belgium.



Socket outlet with earth pin 16 A/250 V~

	Order no.	Packing unit	PS
with child protection and ⓘ symbol			
cream white glossy	**0485 01**	10	01
pure white glossy	**0485 03**	10	01
pure white matt	**0485 27**	10	01
anthracite	**0485 28**	10	11
colour aluminium	**0485 26**	10	11
Bronze/black	**0485 603**	1	11
Bronze/cream white	**0485 613**	1	11
Brass/black	**0485 604**	1	11
Brass/cream white	**0485 614**	1	11

Approved according to NF C 61-314 (2003).
With screw terminals.

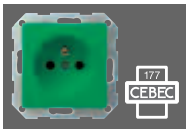


Socket outlet with earth pin and hinged cover 16 A/250 V~

	Order no.	Packing unit	PS
with child protection and ⓘ symbol			
cream white glossy	**0488 01**	10	01
pure white glossy	**0488 03**	10	01
pure white matt	**0488 27**	10	01
anthracite	**0488 28**	10	11
colour aluminium	**0488 26**	10	11

In combination with the sealing set and cover frames Standard 55, 1 to 5-gang, and E2 cover frames, 1 to 5-gang, socket outlets with earthing pin and hinged cover, water-protected, flush-mounted IP 44 can be installed.
Sealing set 0252 27 → Page 74.
Cover frames Standard 55, 1 to 5-gang, 0211 .. to 0215 .. → Page 82.
Cover frames E2, 1 to 5-gang, 0211 .. to 0215 .. → Page 88.

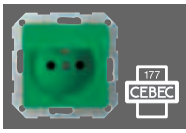
	Order no.	Packing unit	PS



Socket outlet with earth pin 16 A/250 V~ with child safety feature and symbol

with green cover plate			
green, glossy	**0110 02**	1/5	01
with orange cover plate			
orange, glossy	**0115 02**	1/5	01
with red cover plate			
red, glossy	**0111 02**	1/5	01

Approved according to NF C 61-314 (2003).
With screw terminals.



Socket outlet with earth pin and hinged cover 16 A/250 V~ with child safety feature and symbol

with green cover plate			
green, glossy	**0478 02**	1/5	01
with orange cover plate			
orange, glossy	**0471 02**	1/5	01
with red cover plate			
red, glossy	**0486 02**	1/5	01

In combination with the sealing set and cover frames Standard 55, 1 to 5-gang, and E2 cover frames, 1 to 5-gang, socket outlets with earthing pin and hinged cover, water-protected, flush-mounted IP 44 can be installed.
Sealing set 0252 27 → Page 74.
Cover frames Standard 55, 1 to 5-gang, 0211 .. to 0215 .. → Page 82.
Cover frames E2, 1 to 5-gang, 0211 .. to 0215 .. → Page 88.



Socket outlet with earth pin with hinged cover and inscription space 16 A/250 V~

with child protection and symbol[1)]			
cream white glossy	**2771 01**	1/5	01
pure white glossy	**2771 03**	1/5	01
pure white matt	**2771 27**	1/5	01
anthracite	**2771 28**	1/5	11
colour aluminium	**2771 26**	1/5	11

In combination with the sealing set and cover frames Standard 55, 1 to 5-gang, and E2 cover frames, 1 to 5-gang, socket outlets with earthing pin and hinged cover, water-protected, flush-mounted IP 44 can be installed.
[1)]Increased contact protection pursuant to VDE 0620.
Sealing set 0252 27 → Page 74.
Cover frames Standard 55, 1 to 5-gang, 0211 .. to 0215 .. → Page 82.
Cover frames E2, 1 to 5-gang, 0211 .. to 0215 .. → Page 88.
Inscription sheets 1455 00 → Page 294.

	Order no.	Packing unit	PS



Socket outlet with earth pin 16 A/250 V~ with socket outlet symbol

with child protection and symbol			
cream white glossy	**1190 01**	1	01
pure white glossy	**1190 03**	1	01
pure white matt	**1190 27**	1	01
anthracite	**1190 28**	1	11
colour aluminium	**1190 26**	1	11

Approved according to NF C 61-314 (2003).
With screw terminals.



Socket outlet with earth pin 16 A/250 V~ with LED orientation light

with child protection and symbol[1)]			
cream white glossy	**1172 01**	1/5	02
pure white glossy	**1172 03**	1/5	02
pure white matt	**1172 27**	1/5	02
anthracite	**1172 28**	1/5	02
colour aluminium	**1172 26**	1/5	02

Socket outlet with earthing pin and inserted light strip. The white LEDs project a light corridor downwards. This produces indirect orientation lighting that also avoids bothersome glare in bedrooms. The integrated twilight sensor waits until twilight to automatically switch on die LED light and switches it off again when sufficient daylight is detected. The LED light is completely integrated in the cover plate, eliminating the need for separate connection.

Power consumption:	0.25 W/0.35 VA/1.5 mA
Standby:	0.175 W/0.25 VA/1.0 mA
Light intensity:	0.2 cd
Protection type:	IP 20
Operating temperature:	-15 °C to +40 °C

[1)]Increased contact protection pursuant to VDE 0620.



2-gang socket outlet with earth pin 16 A/250 V~

with child protection and symbol[1)]			
pure white	**0795 03**	1	01

With 2-gang cover frame.
Suitable for all common 60 mm flush-mounted wall boxes.
With screw terminals.
[1)]Increased contact protection pursuant to VDE 0620.



Socket outlet with protective contact „EURO-US“ 16 A/250 V~

cream white glossy	**2840 01**	1	29
pure white glossy	**2840 03**	1	29
pure white matt	**2840 27**	1	29
anthracite	**2840 28**	1	29
colour aluminium	**2840 26**	1	29

New. Available starting February 2013.



American socket outlet 2-pole + E 20 A 125 V~, NEMA 5-20 R

	Order no.	Packing unit	PS
cream white glossy	**0487 01**	1/5	01
pure white glossy	**0487 03**	1/5	01
pure white matt	**0487 27**	1/5	01
anthracite	**0487 28**	1/5	11
colour aluminium	**0487 26**	1/5	11

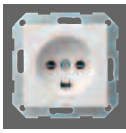
For screw attachment only. Symbol labelling is possible here. UL certified.



HNA socket outlet 10 A/250 V~

	Order no.	Packing unit	PS
cream white glossy	**0479 01**	1/5	01
pure white glossy	**0479 03**	1/5	01
pure white matt	**0479 27**	1/5	01
anthracite	**0479 28**	1/5	11
colour aluminium	**0479 26**	1/5	11

For screw attachment only.



Danish socket outlet with protective contact 107-2-D1, DK 1-1a, 16 A/250 V~

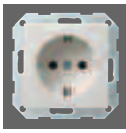
	Order no.	Packing unit	PS
with child protection[1)]			
cream white glossy	**0422 01**	1/5	01
pure white glossy	**0422 03**	1/5	01
pure white matt	**0422 27**	1/5	01
anthracite	**0422 28**	1/5	11
colour aluminium	**0422 26**	1/5	11

[1)] Increased contact protection pursuant to VDE 0620.



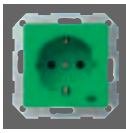
SCHUKO socket outlet 16 A/250 V~ with full cover plate for individual installation

	Order no.	Packing unit	PS
Standard 55			
cream white glossy	**0440 01**	10/200	21
pure white glossy	**0440 03**	10/200	21
pure white matt	**0440 27**	10/200	21



SCHUKO socket outlet 16 A 250 V~

	Order no.	Packing unit	PS
cream white glossy	**0188 01**	10/100	21
pure white glossy	**0188 03**	10/100	21
pure white matt	**0188 27**	10/100	21
anthracite	**0188 28**	10/100	11
colour aluminium	**0188 26**	10/100	11
Bronze/black	**0188 603**	1/5	11
Bronze/cream white	**0188 613**	1/5	11
Brass/black	**0188 604**	1/5	11
Brass/cream white	**0188 614**	1/5	11
cream white glossy	**0466 01**	10	21
pure white glossy	**0466 03**	10	21
pure white matt	**0466 27**	10/100	21
anthracite	**0466 28**	10/100	11
colour aluminium	**0466 26**	10/100	11
Bronze/black	**0466 603**	1/5	11
Bronze/cream white	**0466 613**	1/5	11
Brass/black	**0466 604**	1/5	11
Brass/cream white	**0466 614**	1/5	11



SCHUKO socket outlet 16 A 250 V~

	Order no.	Packing unit	PS
with green cover plate for SV (safety supply)			
green, glossy	**0455 02**	1/5	01
with orange cover plate for ZSV (supplementary safety supply)			
orange, glossy	**0456 02**	1/5	01
with red cover plate for WSV (additional safety supply)			
red, glossy	**0449 02**	1/5	01

The bases of the SCHUKO socket outlets are marked with the respective colour.



SCHUKO socket outlet 16 A/250 V~ with „EDV" labelling

	Order no.	Packing unit	PS
cream white glossy	**0458 01**	1/5	01
pure white glossy	**0458 03**	1/5	01
pure white matt	**0458 27**	1/5	01
anthracite	**0458 28**	1/5	11
colour aluminium	**0458 26**	1/5	11
with green labelling EDV and SV for safety supply[1)]			
cream white glossy	**0463 01**	1/5	01
pure white glossy	**0463 03**	1/5	01
pure white matt	**0463 27**	1/5	01
anthracite	**0463 28**	1/5	11
colour aluminium	**0463 26**	1/5	11
with orange labelling EDV and ZSV for additional safety supply[1)]			
cream white glossy	**0464 01**	1/5	01
pure white glossy	**0464 03**	1/5	01
pure white matt	**0464 27**	1/5	01
anthracite	**0464 28**	1/5	11
colour aluminium	**0464 26**	1/5	11

[1)] The bases of the SCHUKO socket outlets are marked with the respective colour.

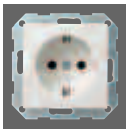
The delivery results subject to countries specific assortments.



Extension claw for flush-mounted devices

	Order no.	Packing unit	PS
	049810	10/50	01

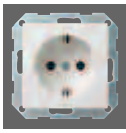
For installation in walls having thick plaster coatings/additional wall lining. Can be mounted in the device claws.
Not to be used for:
Blind switches with knob, key switches for cylinder lock, time switches, time clocks, electronic devices, multiple socket outlets, telecommunication jacks, room thermostats, cooker socket outlets.



SCHUKO socket outlet 16 A/250 V~ without attachment claws

cream white glossy	**0466 01**	10	21
pure white glossy	**0466 03**	10	21
pure white matt	**0466 27**	10/100	21
anthracite	**0466 28**	10/100	11
colour aluminium	**0466 26**	10/100	11
Bronze/black	**0466 603**	1/5	11
Bronze/cream white	**0466 613**	1/5	11
Brass/black	**0466 604**	1/5	11
Brass/cream white	**0466 614**	1/5	11
with child protection and ⓘ symbol[1)]			
cream white glossy	**2755 01**	10/100	01
pure white glossy	**2755 03**	10/100	01
pure white matt	**2755 27**	10/100	01
anthracite	**2755 28**	10/100	11
colour aluminium	**2755 26**	10/100	11

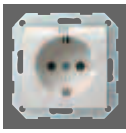
[1)]Increased contact protection pursuant to VDE 0620.



SCHUKO socket outlet 16 A/250 V~ with child protection and ⓘ symbol

cream white glossy	**0453 01**	10/100	01
pure white glossy	**0453 03**	10/100	01
pure white matt	**0453 27**	10/100	01
anthracite	**0453 28**	10/100	11
colour aluminium	**0453 26**	10/100	11
Bronze/black	**0453 603**	1	11
Bronze/cream white	**0453 613**	1/5	11
Brass/black	**0453 604**	1	11
Brass/cream white	**0453 614**	1/1	11

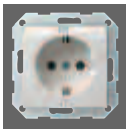
Increased contact protection pursuant to VDE 0620.



SCHUKO socket outlet 16 A/250 V~ with inscription space

cream white glossy	**0457 01**	1/5	01
pure white glossy	**0457 03**	1/5	01
pure white matt	**0457 27**	1/5	01
anthracite	**0457 28**	1/5	11
colour aluminium	**0457 26**	1/5	11
with green cover plate for SV (safety supply)[1)]			
green, glossy	**0472 02**	1/5	01
with orange cover plate for ZSV (supplementary safety supply)[1)]			
orange, glossy	**0473 02**	1/5	01
with red cover plate for WSV (additional safety supply)[1)]			
red, glossy	**0474 02**	1/5	01

Inscription label „EDV“ is included.
[1)]The bases of the SCHUKO socket outlets are marked with the respective colour.
Inscription sheets 1455 00 → Page 294.



SCHUKO socket outlet 16 A/250 V~ with inscription space, child protection and ⓘ symbol

cream white glossy	**0462 01**	1/5	01
pure white glossy	**0462 03**	1/5	01
pure white matt	**0462 27**	1/5	01
anthracite	**0462 28**	1/5	11
colour aluminium	**0462 26**	1/5	11
with green labelling SV for safety supply[1)]			
cream white glossy	**0438 01**	1/5	01
pure white glossy	**0438 03**	1/5	01
pure white matt	**0438 27**	1/5	01
anthracite	**0438 28**	1/5	11
colour aluminium	**0438 26**	1/5	11
with orange labelling ZSV for additional safety supply[1)]			
cream white glossy	**0427 01**	1/5	01
pure white glossy	**0427 03**	1/5	01
pure white matt	**0427 27**	1/5	01
anthracite	**0427 28**	1/5	11
colour aluminium	**0427 26**	1/5	11
with red labelling WSV for additional safety supply[1)]			
cream white glossy	**0421 01**	1/5	01
pure white glossy	**0421 03**	1/5	01
pure white matt	**0421 27**	1/5	01
anthracite	**0421 28**	1/5	11
colour aluminium	**0421 26**	1/5	11

Increased contact protection pursuant to VDE 0620.
Inscription label „EDV“ is included.
[1)]The bases of the SCHUKO socket outlets are marked with the respective colour.
Inscription sheets 1455 00 → Page 294.



SCHUKO socket outlet 16 A/250 V~ with hinged cover

	Order no.	Packing unit	PS
cream white glossy	**0454 01**	1/5	01
pure white glossy	**0454 03**	1/5	01
pure white matt	**0454 27**	1/5	01
anthracite	**0454 28**	1/5	11
colour aluminium	**0454 26**	1/5	11
with child protection and symbol[1)]			
cream white glossy	**0414 01**	1/5	01
pure white glossy	**0414 03**	1/5	01
pure white matt	**0414 27**	1/5	01
anthracite	**0414 28**	1/5	11
colour aluminium	**0414 26**	1/5	11
with green cover plate for SV (safety supply)[2)]			
green, glossy	**0415 02**	1/5	01
with orange cover plate for ZSV (supplementary safety supply)[2)]			
orange, glossy	**0416 02**	1/5	01
with red cover plate for WSV (additional safety supply)[2)]			
red, glossy	**0104 02**	1/5	01

Install in combination with the sealing set and cover frames Standard 55 and E2, 1 to 5-gang, SCHUKO socket outlets with hinged cover, water-protected, flush-mounted IP 44.

[1)]Increased contact protection pursuant to VDE 0620.

[2)]The bases of the SCHUKO socket outlets are marked with the respective colour.

Sealing set 0252 27 → Page 74.
Cover frames Standard 55, 1 to 5-gang, 0211 .. to 0215 .. → Page 82.
Cover frames E2, 1 to 5-gang, 0211 .. to 0215 .. → Page 88.



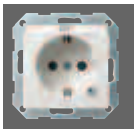
SCHUKO socket outlet 16 A/250 V~ with hinged cover and inscription space

	Order no.	Packing unit	PS
with child protection and symbol[1)]			
cream white glossy	**2762 01**	1/5	01
pure white glossy	**2762 03**	1/5	01
pure white matt	**2762 27**	1/5	01
anthracite	**2762 28**	1/5	11
colour aluminium	**2762 26**	1/5	11

Inscription label „EDV" is included.

[1)]Increased contact protection pursuant to VDE 0620.

Inscription sheets 1455 00 → Page 294.



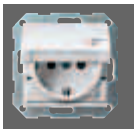
SCHUKO socket outlet 16 A/250 V~ with control light and inscription space

	Order no.	Packing unit	PS
cream white glossy	**0452 01**	1/5	01
pure white glossy	**0452 03**	1/5	01
pure white matt	**0452 27**	1/5	01
anthracite	**0452 28**	1/5	11
colour aluminium	**0452 26**	1/5	11
with green labelling SV for safety supply[1)]			
cream white glossy	**0468 01**	1/5	01
pure white glossy	**0468 03**	1/5	01
pure white matt	**0468 27**	1/5	01
anthracite	**0468 28**	1/5	11
colour aluminium	**0468 26**	1/5	11
with orange labelling ZSV for additional safety supply[1)]			
cream white glossy	**0469 01**	1/5	01
pure white glossy	**0469 03**	1/5	01
pure white matt	**0469 27**	1/5	01
anthracite	**0469 28**	1/5	11
colour aluminium	**0469 26**	1/5	11

Inscription label „EDV" is included. With neon lamp element. LED lighting inserts are optionally available.

[1)]The bases of the SCHUKO socket outlets are marked with the respective colour.

Inscription sheets 1455 00 → Page 294.
LED illumination insert 0497 11, 0497 12, 0497 13, 0497 19 → Page 291.



SCHUKO socket outlet 16 A/250 V~ with control light and hinged cover

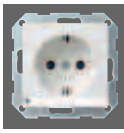
	Order no.	Packing unit	PS
with child protection and symbol[1)]			
cream white glossy	**2763 01**	1/5	01
pure white glossy	**2763 03**	1/5	01
pure white matt	**2763 27**	1/5	01
anthracite	**2763 28**	1/5	11
colour aluminium	**2763 26**	1/5	11

With neon lamp element. LED lighting inserts are optionally available.

[1)]Increased contact protection pursuant to VDE 0620.

LED illumination insert 0497 11, 0497 12, 0497 13, 0497 19 → Page 291.

	Order no.	Packing unit	PS

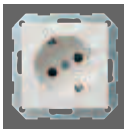


SCHUKO socket outlet 16 A/250 V~ with LED orientation light, child protection and ⓘ symbol

cream white glossy	**1170 01**	1/5	02
pure white glossy	**1170 03**	1/5	02
pure white matt	**1170 27**	1/5	02
anthracite	**1170 28**	1/5	02
colour aluminium	**1170 26**	1/5	02

SCHUKO socket outlet with inserted light strip. The white LEDs project a light corridor downwards. This produces indirect orientation lighting that also avoids bothersome glare in bedrooms. The integrated twilight sensor waits until twilight to automatically switch on die LED light and switches it off again when sufficient daylight is detected. The LED light is completely integrated in the cover plate, eliminating the need for separate connection.

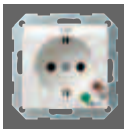
Power consumption: 0.25 W/0.35 VA/1.5 mA
Standby: 0.175 W/0.25 VA/1.0 mA
Light intensity: 0.2 cd
Protection type: IP 20
Operating temperature: -15 °C to +40 °C



SCHUKO socket outlet 16 A/250 V~ with insert rotated 30° with child protection and ⓘ symbol

cream white glossy	**0418 01**	1/5	01
pure white glossy	**0418 03**	1/5	01
pure white matt	**0418 27**	1/5	01
anthracite	**0418 28**	1/5	11
colour aluminium	**0418 26**	1/5	11
with green cover plate for SV (safety supply)[1)]			
green, glossy	**2756 02**	1/5	01
with orange cover plate for ZSV (supplementary safety supply)[1)]			
orange, glossy	**2757 02**	1/5	01
with red cover plate for WSV (additional safety supply)[1)]			
red, glossy	**2758 02**	1/5	01

Particularly suitable for angled plugs.
Also suitable for use in energy profiles and under-floor systems.
For screw attachment without fixing claws.
[1)] The bases of the SCHUKO socket outlets are marked with the respective colour.



SCHUKO socket outlet 16 A/250 V~ with voltage overload protection and inscription space

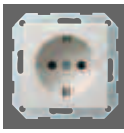
cream white glossy	**0451 01**	1/5	02
pure white glossy	**0451 03**	1/5	02
pure white matt	**0451 27**	1/5	02
anthracite	**0451 28**	1/5	02
colour aluminium	**0451 26**	1/5	02
red, glossy	**0451 02**	1/5	02

With acoustic signal. Inscription label „EDV" is included. With screw terminals.
Maximum nominal discharge surge current: (8/20) to 4.5 kA

Inscription sheets 1455 00 → Page 294.

i 33

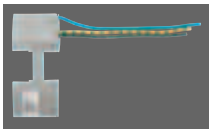
	Order no.	Packing unit	PS



SCHUKO socket outlet 16 A/250 V~ (T.N.O. tested according to KZ\05.066)

cream white glossy	**0408 01**	10	01
pure white glossy	**0408 03**	10	01

With increased press-on pressure of the earthing strap.

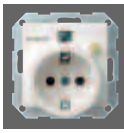


Voltage-overload protection module with acoustic signal

	0339 00	1	02

SCHUKO socket outlets can be outfitted as voltage-overload protection socket outlets with this module. The module is simply glued onto and connected to the socket outlet base. The devices connected to the socket outlet are then protected from dangerous excess voltages.
Maximum nominal discharge surge current: (8/20) to 4.5 kA

i 34



RCD protection socket, 30 mA

with child protection and ⓘ symbol			
cream white glossy	**0477 01**	1	03
pure white glossy	**0477 03**	1	03
pure white matt	**0477 27**	1	03
anthracite	**0477 28**	1	03
colour aluminium	**0477 26**	1	03

SCHUKO socket outlet with integrated RCD (residual-current device) release principle pursuant to **DIN VDE 0664** for the detection of earth-bound fault currents. For installation in a 60 mm flush-mounted box (deep box recommended). Stationary protection device with voltage-independent function. Additional SCHUKO socket outlets can be connected to the connection wires, which are then also included in the fault current protection.
For screw attachment without fixing claws.

Rated voltage: 230 V~ (AC)
Rated current: 16 A
Rated fault current: 30 mA
Ambient temperature: -25 °C to +40 °C
Connection cross section: 1.5 to 2.5 mm^2

i 33



RCD, 30 mA

	Order no.	Packing unit	PS
cream white glossy	**0114 01**	1	03
pure white glossy	**0114 03**	1	03
pure white matt	**0114 27**	1	03
anthracite	**0114 28**	1	03
colour aluminium	**0114 26**	1	03

RCD (residual-current device) with connection wires pursuant to **DIN VDE 0664** for the detection of earth-bound fault currents. For installation in a 60 mm flush-mounted box (deep box recommended). Stationary protection device with voltage-independent function.
For screw attachment without fixing claws.
Area of use: parapet ducts, in front of non-SCHUKO socket outlets or in Gira energy profiles.

Rated voltage:	230 V~ (AC)
Rated current:	16 A
Rated fault current:	30 mA
Ambient temperature:	-25 °C to +40 °C
Connection cross section:	1.5 to 2.5 mm^2

Energy profiles 1341 .., 1342 .., 1343 .., 1349 .., 1351 .., 1353 .., 1354 .., 1355 .., 1356 .. → Page 264.
Energy profiles 1343 .., 1344 .., 1345 .., 1349 .., 1351 .., 1353 .., 1354 .., 1355 .., 1356 .. → Page 264.

i 33



SCHUKO 2-gang socket outlet 16 A/250 V~ with shaped cover frame

	Order no.	Packing unit	PS
Standard 55			
cream white glossy	**0780 01**	1/10	01
pure white glossy	**0780 03**	1/10	01
pure white matt	**0780 04**	1/10	01

Suitable for all common 60 mm flush-mounted wall boxes.



SCHUKO 2-gang socket outlet 16 A/250 V~ for a panel box

	Order no.	Packing unit	PS
with terminal plugs			
cream white glossy	**0788 01**	10/100	01
pure white glossy	**0788 03**	10/100	01
pure white matt	**0788 04**	10/100	01
with screw terminals			
cream white glossy	**0790 01**	10/100	01
pure white glossy	**0790 03**	10	01
pure white matt	**0790 04**	10	01

Scope of supply does not include attachment claws.
Fits in any common 60 mm flush-mounted wall box.



SCHUKO 2-gang socket outlet 16 A/250 V~ with shaped cover frame

	Order no.	Packing unit	PS
with child protection[1)]			
cream white glossy	**0783 01**	1/10	01
pure white glossy	**0783 03**	1/10	01
pure white matt	**0783 27**	1/10	01
anthracite	**0783 28**	1/10	11
colour aluminium	**0783 26**	1/10	11

Suitable for all common 60 mm flush-mounted wall boxes.
[1)]Increased contact protection pursuant to VDE 0620.



SCHUKO 2-gang socket outlet 16 A/250 V~ with shaped cover frame for compact panel boxes

	Order no.	Packing unit	PS
cream white glossy	**0782 01**	10/100	01
pure white glossy	**0782 03**	10/100	01
pure white matt	**0782 04**	10	01

Suitable for compact panel boxes Attema UK 40 and type H 140 from ABB/HAF.



Pre-wired SCHUKO socket outlet combination 2-gang 16 A/250 V~

	Order no.	Packing unit	PS
cream white glossy	**0793 01**	5	01
pure white glossy	**0793 03**	5	01
pure white matt	**0793 04**	5	01

Complete with central plates and cover frames, 2-gang, suitable for 2-gang panel box, e.g. from Kaiser, Attema UD50 and PVD 50, HAF 250 and G250 and click-duct boxes from Van Geel.



SCHUKO socket outlet 16 A/250 V~ with hinged cover, including sealing set IP 44 and cover frame Standard 55

	Order no.	Packing unit	PS
Standard 55, 1-gang			
cream white glossy	**1157 01**	1	01
pure white glossy	**1157 03**	1	01
Standard 55, 2-gang			
cream white glossy	**1158 01**	1	01
pure white glossy	**1158 03**	1	01

Set of SCHUKO socket outlets with hinged cover, sealing set IP 44 and cover frame Standard 55.



Combination rocker switch/SCHUKO socket outlet 16 A/250 V~ with full plate

	Order no.	Packing unit	PS
Universal off/2-way switch			
cream white glossy	**0176 01**	1/10	01
pure white glossy	**0176 03**	1/10	01
pure white matt	**0176 04**	1/10	01
Series switch			
cream white glossy	**0175 01**	1/10	01
pure white glossy	**0175 03**	1	01
pure white matt	**0175 04**	1	01

Not shatter-proof. With screw terminals.
Suitable for all common 60 mm flush-mounted wall boxes.

The delivery results subject to countries specific assortments.

Dimmers



Cover plate with button for dimmer and electronic potentiometer

	Order no.	Packing unit	PS
cream white glossy	**0650 01**	10/100	02
pure white glossy	**0650 03**	10/100	02
pure white matt	**0650 27**	10/100	02
anthracite	**0650 28**	10	02
colour aluminium	**0650 26**	10	02
Bronze	**0650 603**	1	02
Brass	**0650 604**	1	02

Universal rotary dimmer insert 1176 00 → Page 283.
Auxiliary insert 1177 00 → Page 283.
Light-bulb dimming insert with 2-way turn-off switch 0300 00 → Page 285.
Light-bulb dimming insert 1184 00 → Page 285.
Light bulb dimming insert 0302 00 → Page 285.
Light-bulb dimming insert 1181 00 → Page 285.
Tronic dimming insert 1182 00 → Page 286.
Tronic dimming insert 0307 00 → Page 286.
LV dimming insert 2262 00 → Page 286.
LV dimming insert 1183 00 → Page 286.
Control device LEDOTRON 2290 00 → Page 287.
Electronic potentiometer insert 0308 00, 0309 00 → Page 288.



Cover plate with button for speed adjuster

	Order no.	Packing unit	PS
cream white glossy	**0652 01**	1	02
pure white glossy	**0652 03**	1	02
pure white matt	**0652 27**	1	02
anthracite	**0652 28**	1	02
colour aluminium	**0652 26**	1	02

Speed adjuster insert 0314 00 → Page 289.
Speed adjuster insert 0314 00 → Page 289.



System 2000 top unit for switching and dimming (touch dimmer cover plate)

	Order no.	Packing unit	PS
cream white glossy	**2316 01**	1	02
pure white glossy	**2316 03**	1	02
pure white matt	**2316 27**	1	02
anthracite	**2316 28**	1	02
colour aluminium	**2316 26**	1	02
Bronze	**2316 603**	1	02
Brass	**2316 604**	1	02

New.
Top unit with short-stroke button for use with System 2000. The top unit operates based on the 2-area principle, i.e. there is an upper and lower rocker half used for controlling the inserts.
Operating temperature: -20 °C to +45 °C

System 2000 universal dimming insert 0305 00 → Page 278.
System 2000 LV dimmer insert 0331 00 → Page 278.
System 2000 1–10 V control device insert 0860 00 → Page 279.
System 2000 Tronic switch insert (only switching here) 0866 00 → Page 280.
System 2000 Triac switch insert (only switching here) 0854 00 → Page 280.
System 2000 relay insert (only switching here) 0853 00 → Page 281.
System 2000 relay insert, zero-voltage (only switching here) 1148 00 → Page 281.
System 2000 HLK relay insert (only switching here) 0303 00 → Page 282.
System 2000 impulse insert 0336 00 → Page 282.
System 2000 auxiliary insert 0333 00 → Page 283.



Series top unit for switching and dimming (touch dimmer cover plate)

	Order no.	Packing unit	PS
cream white glossy	**2315 01**	1	02
pure white glossy	**2315 03**	1	02
pure white matt	**2315 27**	1	02
anthracite	**2315 28**	1	02
colour aluminium	**2315 26**	1	02
Bronze	**2315 603**	1	02
Brass	**2315 604**	1	02

New.
Top unit with short-stroke button for use with the series dimming insert. The top is for switching on and dimming brighter, while the bottom is for switching off and dimming darker.
Operating temperature: -20 °C to +45 °C

Universal series dimming insert 2263 00 → Page 284.



System 2000 touch dimming top unit

	Order no.	Packing unit	PS
cream white glossy	**2260 01**	1/5	02
pure white glossy	**2260 03**	1/5	02
pure white matt	**2260 27**	1/5	02
anthracite	**2260 28**	1/5	02
colour aluminium	**2260 26**	1/5	02

Dimming top unit for use with the System 2000 dimming inserts. Lighting control is carried out by lightly touching the operating area in nine steps without the movement of mechanical elements. A blue status LED, which lights up for orientation as long as the dimmer is switched off, is located in the lower half of the operating area. When this area is touched, the dimmer switches to the stored memory value.
The upper half of the operating area is divided into nine adjacent segments. The lighting can be operated directly from the switched-off state or from another dimming position. By running down this area with a finger, the light can glide to brighter or darker values. The approximate dimming position is indicated with five blue LEDs.
System 2000 universal dimming insert 0305 00 → Page 278.
System 2000 LV dimmer insert 0331 00 → Page 278.
System 2000 1–10 V control device insert 0860 00 → Page 279.



eNet Radio switching/dimming top unit, 1-gang

	Order no.	Packing unit	PS
cream white glossy	**5490 01**	1	02
pure white glossy	**5490 03**	1	02
pure white matt	**5490 27**	1	02
anthracite	**5490 28**	1	02
colour aluminium	**5490 26**	1	02
Bronze	**5490 603**	1	02
Brass	**5490 604**	1	02

New. Available starting May 2013.
The radio license is valid for EU and EFTA countries.
For use in Gira eNet.
Functional description → Page 527.

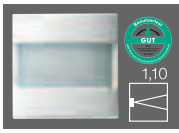


Radio top unit for switching and dimming (touch dimmer cover plate)

	Order no.	Packing unit	PS
cream white glossy	**0543 01**	1/5	02
pure white glossy	**0543 03**	1/5	02
pure white matt	**0543 27**	1/5	02
anthracite	**0543 28**	1/5	02
colour aluminium	**0543 26**	1/5	02

For use in the Gira radio bus system.
Functional description → Page 554.

Automatic light



System 2000 Top unit automatic control switches

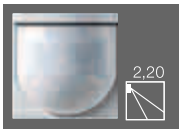
Standard top unit

cream white glossy	**1300 01**	1/5	02
pure white glossy	**1300 03**	1/5	02
pure white matt	**1300 27**	1/5	02
anthracite	**1300 28**	1/5	02
colour aluminium	**1300 26**	1/5	02

Comfort top unit

cream white glossy	**0661 01**	1	02
pure white glossy	**0661 03**	1	02
pure white matt	**0661 27**	1	02
anthracite	**0661 28**	1	02
colour aluminium	**0661 26**	1	02

Functional description of standard top unit → Page 320.
Functional description of comfort top unit → Page 320.



System 2000 Top unit, automatic control switch 2 for high installation areas

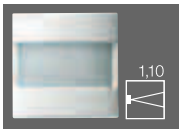
Standard top unit

cream white glossy	**2301 01**	1/5	02
pure white glossy	**2301 03**	1/5	02
pure white matt	**2301 27**	1/5	02
anthracite	**2301 28**	1/5	02
colour aluminium	**2301 26**	1/5	02

Comfort top unit

cream white glossy	**2302 01**	1/5	02
pure white glossy	**2302 03**	1/5	02
pure white matt	**2302 27**	1/5	02
anthracite	**2302 28**	1/5	02
colour aluminium	**2302 26**	1/5	02

Functional description of standard top unit for high installation areas → Page 321.
Functional description of comfort top unit for high installation areas → Page 322.



Radio automatic control switch

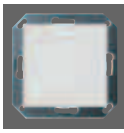
cream white glossy	**1306 01**	1	02
pure white glossy	**1306 03**	1	02
pure white matt	**1306 27**	1	02
anthracite	**1306 28**	1	02
colour aluminium	**1306 26**	1	02

For use in the Gira radio bus system.
Functional description → Page 548.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

LED illumination



LED orientation light, 230 V~ white

White LED illumination

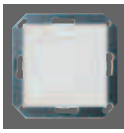
Order no.	Packing unit	PS
2361 00	1	02

LED orientation light for private and commercial use. The orientation light is used, for example, to illuminate stairs or as an orientation aid in dark rooms. The brightness of the light can be set individually.
A film can be laid in the cover plate and can be labelled individually. Pictograms for room and route marking can be laid in.
Professional labelling with the Gira Inscription Service **www.marking.gira.com**.

Power supply:	230 V AC, 50 Hz
Power consumption:	1,7 W/8,5 VA
Light intensity:	2.2 cd (white)
Protection type:	IP 20
Operating temperature:	-15 °C to +40 °C

Inscription sheets 2870 .. → Page 295.

i 19



LED orientation light, 230 V~ RGB

Order no.	Packing unit	PS
1169 00	1	02

LED orientation light for private and commercial use. The orientation light is used, for example, to illuminate stairs or as an orientation aid in dark rooms. RGB LEDs are used as lighting elements. The light colours white, blue, red, green and orange can be set consecutively or a continuous cycle over the entire range of colours (approx. 5 min.) can be started via a control input. As a result, any desired colour can be set by stopping at the corresponding point. The brightness of the light can be set individually.
A film can be laid in the cover plate and can be labelled individually. Pictograms for room and route marking can be laid in.
A stainless-steel slat (for reduction of glare) is included with the LED orientation light.
Professional labelling with the Gira Inscription Service **www.marking.gira.com**.

Power supply:	230 V AC, 50 Hz
Power consumption:	1.8 W/2.0 VA
Light intensity:	1.2 cd (white)
Protection type:	IP 20
Operating temperature:	-15 °C to +40 °C

Inscription sheets 2870 .. → Page 295.

i 19

	Order no.	Packing unit	PS



LED signal light, 230 V~, red/green

Order no.	Packing unit	PS
1171 00	1	02

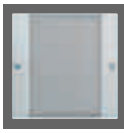
With the signal light, simple signalling can be realised, e.g. for doctor's consulting rooms, conference rooms or in hotel rooms. The entire insert surface of 55 x 55 mm is divided into an upper half for the colour red and a lower half for the colour green with homogeneous illumination. The two halves can be activated separately, e.g. by using a series switch. Two inscription labels „Bitte warten"/„Bitte eintreten" and „Do not disturb"/„Make up room" are included.

Power supply:	230 V AC, 50 Hz
Power consumption:	1.0 W/5.6 VA
Light intensity:	0.1 cd (red) 0.3 cd (green)
Protection type:	IP 20
Operating temperature:	-15 °C to +40 °C

Series switches for hotel-status display 1104 .. → Page 35.
Rocker blind switch/button 0159 00 → Page 277.
Inscription sheets 2870 .. → Page 295.

Push button sensors/cover plates for bus systems

Rocker set 1-gang with inscription space



	Order no.	Packing unit	PS
clear/cream white glossy	**2131 01**	1	06
clear/pure white glossy	**2131 03**	1	06
clear/anthracite	**2131 28**	1	06
clear/colour aluminium	**2131 26**	1	06

Professional labelling with the Gira Inscription Service **www.marking.gira.com**.
Push button sensor 3 Basic 1-gang 5111 00 → Page 424.
Push button sensor 3 Comfort 1-gang 5131 00 → Page 426.
eNet radio wall transmitter, 1-gang 5331 .. → Page 524.
Inscription sheets 1090 00 → Page 295.

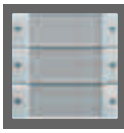
Rocker set 2-gang (1+1) with inscription space



	Order no.	Packing unit	PS
clear/cream white glossy	**2132 01**	1	06
clear/pure white glossy	**2132 03**	1	06
clear/anthracite	**2132 28**	1	06
clear/colour aluminium	**2132 26**	1	06

Professional labelling with the Gira Inscription Service **www.marking.gira.com**.
Push button sensor 3 Basic 2-gang (1+1) 5112 00 → Page 425.
Push button sensor 3 Comfort 2-gang (1+1) 5132 00 → Page 427.
Inscription sheets 1090 00 → Page 295.

Rocker set 3-gang with inscription space



	Order no.	Packing unit	PS
clear/cream white glossy	**2133 01**	1	06
clear/pure white glossy	**2133 03**	1	06
clear/anthracite	**2133 28**	1	06
clear/colour aluminium	**2133 26**	1	06

Professional labelling with the Gira Inscription Service **www.marking.gira.com**.
Push button sensor 3 Basic 3-gang 5113 00 → Page 425.
Push button sensor 3 Comfort 3-gang 5133 00 → Page 428.
eNet radio wall transmitter, 3-gang 5333 .. → Page 525.
Inscription sheets 1090 00 → Page 295.

Rocker set 4-gang (1+3) with inscription space



	Order no.	Packing unit	PS
clear/cream white glossy	**2134 01**	1	06
clear/pure white glossy	**2134 03**	1	06
clear/anthracite	**2134 28**	1	06
clear/colour aluminium	**2134 26**	1	06

Professional labelling with the Gira Inscription Service **www.marking.gira.com**.
Push button sensor 3 Comfort 4-gang (1+3) 5134 00 → Page 429.
Inscription sheets 1090 00 → Page 295.

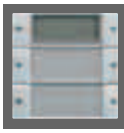
Rocker set 6-gang (3+3) with inscription space



	Order no.	Packing unit	PS
clear/cream white glossy	**2136 01**	1	06
clear/pure white glossy	**2136 03**	1	06
clear/anthracite	**2136 28**	1	06
clear/colour aluminium	**2136 26**	1	06

Professional labelling with the Gira Inscription Service **www.marking.gira.com**.
Push button sensor 3 Comfort 6-gang (3+3) 5136 00 → Page 430.
Inscription sheets 1090 00 → Page 295.

Rocker set 2-gang Plus with inscription space



	Order no.	Packing unit	PS
clear/cream white glossy	**2142 01**	1	06
clear/pure white glossy	**2142 03**	1	06
clear/anthracite	**2142 28**	1	06
clear/colour aluminium	**2142 26**	1	06

Professional labelling with the Gira Inscription Service **www.marking.gira.com**.
Push button sensor 3 Plus 2-gang 5142 00 → Page 431.
Inscription sheets 1089 00 → Page 295.

The delivery results subject to countries specific assortments.

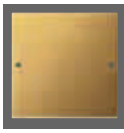
	Order no.	Packing unit	PS



Rocker set 5-gang Plus (2+3) with inscription space

clear/cream white glossy	**2145 01**	1	06
clear/pure white glossy	**2145 03**	1	06
clear/anthracite	**2145 28**	1	06
clear/colour aluminium	**2145 26**	1	06

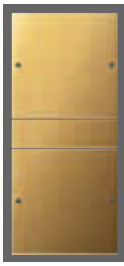
Professional labelling with the Gira Inscription Service **www.marking.gira.com**.
Push button sensor 3 Plus 5-gang (2+3) 5145 00 → Page 434.
Inscription sheets 1089 00, 1090 00 → Page 295.



Rocker set, 1-gang

Bronze	**2131 605**	1	06
Brass	**2131 606**	1	06

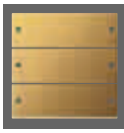
Push button sensor 3 Basic 1-gang 5111 00 → Page 424.
Push button sensor 3 Comfort 1-gang 5131 00 → Page 426.
eNet radio wall transmitter, 1-gang 5331 .. → Page 524.



Rocker set, 2-gang (1+1)

Bronze	**2132 605**	1	06
Brass	**2132 606**	1	06

Push button sensor 3 Basic 2-gang (1+1) 5112 00 → Page 425.
Push button sensor 3 Comfort 2-gang (1+1) 5132 00 → Page 427.

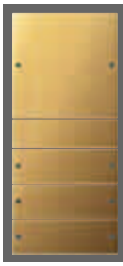


Rocker set, 3-gang

Bronze	**2133 605**	1	06
Brass	**2133 606**	1	06

Push button sensor 3 Basic 3-gang 5113 00 → Page 425.
Push button sensor 3 Comfort 3-gang 5133 00 → Page 428.
eNet radio wall transmitter, 3-gang 5333 .. → Page 525.

	Order no.	Packing unit	PS



Rocker set, 4-gang (1+3)

Bronze	**2134 605**	1	06
Brass	**2134 606**	1	06

Push button sensor 3 Comfort 4-gang (1+3) 5134 00 → Page 429.



Rocker set, 6-gang (3+3)

Bronze	**2136 605**	1	06
Brass	**2136 606**	1	06

Push button sensor 3 Comfort 6-gang (3+3) 5136 00 → Page 430.



Rocker set, 2-gang Plus

Bronze	**2142 605**	1	06
Brass	**2142 606**	1	06

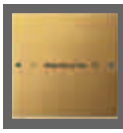
Push button sensor 3 Plus 2-gang 5142 00 → Page 431.



Rocker set, 5-gang Plus (2+3)

Bronze	**2145 605**	1	06
Brass	**2145 606**	1	06

Push button sensor 3 Plus 5-gang (2+3) 5145 00 → Page 434.



Rocker set, 1-gang, inscribable

Bronze	**2131 607**	1	07
Brass	**2131 608**	1	07

The rocker set with individual inscriptions for the real material rockers is configured via the Gira inscription service at **www.marking.gira.com**. The order process is carried out by the wholesaler specified by you during rocker configuration.
Push button sensor 3 Basic 1-gang 5111 00 → Page 424.
Push button sensor 3 Comfort 1-gang 5131 00 → Page 426.
eNet radio wall transmitter, 1-gang 5331 .. → Page 524.

	Order no.	Packing unit	PS



Rocker set, 2-gang (1+1), inscribable

Bronze	**2132 607**	1	07
Brass	**2132 608**	1	07

The rocker set with individual inscriptions for the real material rockers is configured via the Gira inscription service at **www.marking.gira.com**. The order process is carried out by the wholesaler specified by you during rocker configuration.
Push button sensor 3 Basic 2-gang (1+1) 5112 00 → Page 425.
Push button sensor 3 Comfort 2-gang (1+1) 5132 00 → Page 427.



Rocker set, 3-gang, inscribable

Bronze	**2133 607**	1	07
Brass	**2133 608**	1	07

The rocker set with individual inscriptions for the real material rockers is configured via the Gira inscription service at **www.marking.gira.com**. The order process is carried out by the wholesaler specified by you during rocker configuration.
Push button sensor 3 Basic 3-gang 5113 00 → Page 425.
Push button sensor 3 Comfort 3-gang 5133 00 → Page 428.
eNet radio wall transmitter, 3-gang 5333 .. → Page 525.

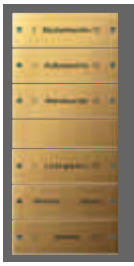


Rocker set, 4-gang (1+3), inscribable

Bronze	**2134 607**	1	07
Brass	**2134 608**	1	07

The rocker set with individual inscriptions for the real material rockers is configured via the Gira inscription service at **www.marking.gira.com**. The order process is carried out by the wholesaler specified by you during rocker configuration.
Push button sensor 3 Comfort 4-gang (1+3) 5134 00 → Page 429.

	Order no.	Packing unit	PS



Rocker set, 6-gang (3+3), inscribable

Bronze	**2136 607**	1	07
Brass	**2136 608**	1	07

The rocker set with individual inscriptions for the real material rockers is configured via the Gira inscription service at **www.marking.gira.com**. The order process is carried out by the wholesaler specified by you during rocker configuration.
Push button sensor 3 Comfort 6-gang (3+3) 5136 00 → Page 430.



Rocker set, 2-gang Plus, inscribable

Bronze	**2142 607**	1	07
Brass	**2142 608**	1	07

The rocker set with individual inscriptions for the real material rockers is configured via the Gira inscription service at **www.marking.gira.com**. The order process is carried out by the wholesaler specified by you during rocker configuration.
Push button sensor 3 Plus 2-gang 5142 00 → Page 431.



Rocker set, 5-gang Plus (2+3), inscribable

Bronze	**2145 607**	1	07
Brass	**2145 608**	1	07

The rocker set with individual inscriptions for the real material rockers is configured via the Gira inscription service at **www.marking.gira.com**. The order process is carried out by the wholesaler specified by you during rocker configuration.
Push button sensor 3 Plus 5-gang (2+3) 5145 00 → Page 434.



eNet
Radio switching/dimming top unit, 1-gang

cream white glossy	**5490 01**	1	02
pure white glossy	**5490 03**	1	02
pure white matt	**5490 27**	1	02
anthracite	**5490 28**	1	02
colour aluminium	**5490 26**	1	02
Bronze	**5490 603**	1	02
Brass	**5490 604**	1	02

New. Available starting May 2013.
The radio license is valid for EU and EFTA countries.
Gira eNet functional description → Page 527.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Radio top unit for switching and dimming (touch dimmer cover plate)

cream white glossy	**0543 01**	1/5	02
pure white glossy	**0543 03**	1/5	02
pure white matt	**0543 27**	1/5	02
anthracite	**0543 28**	1/5	02
colour aluminium	**0543 26**	1/5	02

Functional description of radio bus system → Page 554.



eNet Radio blind control button, 1-gang

cream white glossy	**5491 01**	1	02
pure white glossy	**5491 03**	1	02
pure white matt	**5491 27**	1	02
anthracite	**5491 28**	1	02
colour aluminium	**5491 26**	1	02
Bronze	**5491 603**	1	02
Brass	**5491 604**	1	02

New. Available starting May 2013.
The radio license is valid for EU and EFTA countries.
Gira eNet functional description → Page 527.



Radio blind control button with sensor evaluation

cream white glossy	**0545 01**	1/5	02
pure white glossy	**0545 03**	1/5	02
pure white matt	**0545 27**	1/5	02
anthracite	**0545 28**	1/5	02
colour aluminium	**0545 26**	1/5	02
Bronze	**0545 603**	1	02
Brass	**0545 604**	1	02

Functional description of radio bus system → Page 555.



Push button sensor 2, 1-gang without controller with inscription space

clear/pure white glossy	**1011 100**	1/5	06

Functional description of radio bus system → Page 550.



Push button sensor 2, 2-gang (1+1) without controller with inscription space

clear/pure white glossy	**1012 100**	1	06

Functional description of radio bus system → Page 550.

	Order no.	Packing unit	PS



Push button sensor 2, 3-gang without controller with inscription space

clear/pure white glossy	**1013 100**	1/5	06

Functional description of radio bus system → Page 551.



eNet Radio wall transmitter, 1-gang

clear/pure white glossy	**5331 100**	1/5	02

New. Available starting May 2013.
The radio license is valid for EU and EFTA countries.
Gira eNet functional description → Page 524.



eNet Radio wall transmitter, 3-gang

	5333 100	1/5	02

New. Available starting May 2013.
The radio license is valid for EU and EFTA countries.
Gira eNet functional description → Page 525.



Radio wall transmitter, flat design, 1-gang with inscription space

clear/pure white glossy	**1111 100**	1/5	02

Functional description of radio bus system → Page 543.



Radio wall transmitter, flat design, 3-gang with inscription space

clear/pure white glossy	**1113 100**	1/5	02

Functional description of radio bus system → Page 545.



KNX/EIB data interface with inscription space and removal protection

cream white glossy	**0558 01**	1	06
pure white glossy	**0558 03**	1	06
pure white matt	**0558 27**	1	06
anthracite	**0558 28**	1	06
colour aluminium	**0558 26**	1	06

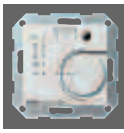
For use in the Gira KNX/EIB system.
Functional description → Page 444.



Cover plate for TAE, USB

	Order no.	Packing unit	PS
cream white glossy	0276 01	5	01
pure white glossy	0276 03	10/100	01
pure white matt	0276 27	10/100	01
anthracite	0276 28	5	11
colour aluminium	0276 26	5	11
with inscription space			
cream white glossy	0876 01	1	01
pure white glossy	0876 03	1	01
pure white matt	0876 27	1	01
anthracite	0876 28	1	11
colour aluminium	0876 26	1	11

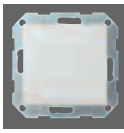
USB data interface UP 1070 00 → Page 475.
Inscription sheets 1455 00 → Page 294.



KNX/EIB
Continuous regulator with 4-gang button interface including bus coupler

	Order no.	Packing unit	PS
cream white glossy	2100 01	1	06
pure white glossy	2100 03	1	06
pure white matt	2100 27	1	06
anthracite	2100 28	1	06
colour aluminium	2100 26	1	06
Remote sensor	1493 00	1	02

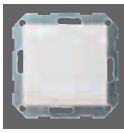
For use in the Gira KNX/EIB system.
Functional description → Page 445.



KNX/EIB
Object regulator with 4-gang button interface including bus coupler

	Order no.	Packing unit	PS
cream white glossy	2101 01	1	06
pure white glossy	2101 03	1	06
pure white matt	2101 27	1	06
anthracite	2101 28	1	06
colour aluminium	2101 26	1	06
Remote sensor	1493 00	1	02

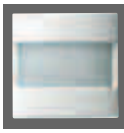
For use in the Gira KNX/EIB system.
Functional description → Page 446.



KNX/EIB
CO_2 sensor with humidity and room temperature controller

	Order no.	Packing unit	PS
cream white glossy	2104 01	1	06
pure white glossy	2104 03	1	06
pure white matt	2104 27	1	06
anthracite	2104 28	1	06
colour aluminium	2104 26	1	06

For use in the Gira KNX/EIB system.
Functional description → Page 447.



KNX/EIB
automatic control switch

	Order no.	Packing unit	PS
Standard top unit			
cream white glossy	0880 01	1/5	06
pure white glossy	0880 03	1/5	06
pure white matt	0880 27	1/5	06
anthracite	0880 28	1/5	06
colour aluminium	0880 26	1/5	06
Comfort top unit			
cream white glossy	1304 01	1/5	06
pure white glossy	1304 03	1/5	06
pure white matt	1304 27	1/5	06
anthracite	1304 28	1/5	06
colour aluminium	1304 26	1/5	06
Standard top unit for high installation areas			
cream white glossy	0889 01	1/5	06
pure white glossy	0889 03	1/5	06
pure white matt	0889 27	1/5	06
anthracite	0889 28	1/5	06
colour aluminium	0889 26	1/5	06
Comfort top unit for high installation areas			
cream white glossy	1305 01	1/5	06
pure white glossy	1305 03	1/5	06
pure white matt	1305 27	1/5	06
anthracite	1305 28	1/5	06
colour aluminium	1305 26	1/5	06

For use in the Gira KNX/EIB system.
Functional description of standard top unit → Page 451.
Functional description of comfort top unit → Page 452.
Functional description of standard top unit for high installation areas → Page 451.
Functional description of comfort top unit for high installation areas → Page 453.



KNX/EIB
info display 2
with disassembly safeguard

	Order no.	Packing unit	PS
cream white glossy	0510 01	1/5	06
pure white glossy	0510 03	1/5	06
pure white matt	0510 27	1/5	06
anthracite	0510 28	1/5	06
colour aluminium	0510 26	1/5	06

For use in the Gira KNX/EIB system.
Functional description → Page 454.

The delivery results subject to countries specific assortments.

Blind controller

Rockers with arrow symbol



	Order no.	Packing unit	PS
cream white glossy	**0294 01**	10	01
pure white glossy	**0294 03**	10/100	01
pure white matt	**0294 27**	10/100	01
anthracite	**0294 28**	10	11
colour aluminium	**0294 26**	10	11
Bronze	**0294 603**	10	11
Brass	**0294 604**	10	11

Blind button/switch inserts 0158 00, 0159 00 → Page 277.
Bus-coupler button 0182 00 → Page 422.

Rockers with arrow symbols



	Order no.	Packing unit	PS
cream white glossy	**1150 01**	1	01
pure white glossy	**1150 03**	1	01
pure white matt	**1150 27**	1	01
anthracite	**1150 28**	1	11
colour aluminium	**1150 26**	1	11

Push rocker insert, 4-gang 0147 00 → Page 276.
Bus coupler push button 0185 00 → Page 475.

Cover plate with knob for blind switch/button and timer



	Order no.	Packing unit	PS
cream white glossy	**0666 01**	5	01
pure white glossy	**0666 03**	5	01
pure white matt	**0666 27**	5	01
anthracite	**0666 28**	5	11
colour aluminium	**0666 26**	5	11

This cover plate can be used universally via replacement of the accompanying symbol plates for blind (▲, ▼) and time (15 min, 120 min).
Blind button/switch inserts 0154 00, 0157 00 → Page 277.
Timer inserts 0320 00, 0321 00 → Page 277.

Cover plate with knob for blind switches/buttons



	Order no.	Packing unit	PS
Bronze	**0666 603**	1	11
Brass	**0666 604**	1	11

Blind button/switch inserts 0154 00, 0157 00 → Page 277.

Cover plate for 2-pole key switches and 1-pole key switches



	Order no.	Packing unit	PS
cream white glossy	**0664 01**	1	02
pure white glossy	**0664 03**	1/5	02
pure white matt	**0664 27**	1/5	02
anthracite	**0664 28**	1	02
colour aluminium	**0664 26**	1	02
Bronze	**0664 603**	1	02
Brass	**0664 604**	1	02

Key switch inserts 0144 00, 0163 00 → Page 277.
Profile semi-cylinder locks 0001 00, 0002 00, 0003 00 → Page 293.

Blind control button standard top unit



	Order no.	Packing unit	PS
cream white glossy	**2324 01**	1	02
pure white glossy	**2324 03**	1	02
pure white matt	**2324 27**	1	02
anthracite	**2324 28**	1	02
colour aluminium	**2324 26**	1	02
Bronze	**2324 603**	1	02
Brass	**2324 604**	1	02

New.
Functional description → Page 311.

Blind control button top unit



	Order no.	Packing unit	PS
cream white glossy	**2328 01**	1	02
pure white glossy	**2328 03**	1	02
pure white matt	**2328 27**	1	02
anthracite	**2328 28**	1	02
colour aluminium	**2328 26**	1	02
Bronze	**2328 603**	1	02
Brass	**2328 604**	1	02

New.
Functional description → Page 311.

Blind control button top unit with sensor evaluation



	Order no.	Packing unit	PS
cream white glossy	**0820 01**	1/5	02
pure white glossy	**0820 03**	1/5	02
pure white matt	**0820 27**	1/5	02
anthracite	**0820 28**	1/5	02
colour aluminium	**0820 26**	1/5	02
Bronze	**0820 603**	1	02
Brass	**0820 604**	1	02

Functional description → Page 312.

	Order no.	Packing unit	PS



Top unit for blind control button with memory function and sensor evaluation

cream white glossy	**0822 01**	1/5	22
pure white glossy	**0822 03**	1/5	22
pure white matt	**0822 27**	1/5	22
anthracite	**0822 28**	1/5	02
colour aluminium	**0822 26**	1/5	02
Bronze	**0822 603**	1	02
Brass	**0822 604**	1	02

Functional description → Page 312.



eNet
Radio blind control button, 1-gang

cream white glossy	**5491 01**	1	02
pure white glossy	**5491 03**	1	02
pure white matt	**5491 27**	1	02
anthracite	**5491 28**	1	02
colour aluminium	**5491 26**	1	02
Bronze	**5491 603**	1	02
Brass	**5491 604**	1	02

New. Available starting May 2013.
The radio license is valid for EU and EFTA countries.
For use in Gira eNet.
Functional description → Page 527.



Radio blind control button with sensor evaluation

cream white glossy	**0545 01**	1/5	02
pure white glossy	**0545 03**	1/5	02
pure white matt	**0545 27**	1/5	02
anthracite	**0545 28**	1/5	02
colour aluminium	**0545 26**	1/5	02
Bronze	**0545 603**	1	02
Brass	**0545 604**	1	02

For use in the Gira radio bus system.
Functional description → Page 555.



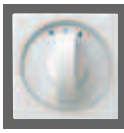
Top unit electronic blind controller "easy"

cream white glossy	**0841 01**	1/5	22
pure white glossy	**0841 03**	1/5	22
pure white matt	**0841 27**	1/5	22
anthracite	**0841 28**	1/5	02
colour aluminium	**0841 26**	1/5	02
Bronze	**0841 603**	1	02
Brass	**0841 604**	1	02

Functional description → Page 314.

	Order no.	Packing unit	PS

Time switch



Cover plate with knob for timer and blind switch/push button

cream white glossy	**0666 01**	5	01
pure white glossy	**0666 03**	5	01
pure white matt	**0666 27**	5	01
anthracite	**0666 28**	5	11
colour aluminium	**0666 26**	5	11

This cover plate can be used universally via replacement of the accompanying symbol plates for time (15 min, 120 min) and blind (▲,▼).
Timer inserts 0320 00, 0321 00 → Page 277.
Blind button/switch inserts 0154 00, 0157 00 → Page 277.



Cover plate with knob for timer

15 minutes

Bronze	**0640 603**	1	02
Brass	**0640 604**	1	02

For screw attachment only.
Timer inserts 0320 00 → Page 277.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Electronic time clock "easy" 230 V~

0 – 1000 W/VA

cream white glossy	**1175 01**	1	02
pure white glossy	**1175 03**	1	02
pure white matt	**1175 27**	1	02
anthracite	**1175 28**	1	02
colour aluminium	**1175 26**	1	02
Bronze	**1175 603**	1	02
Brass	**1175 604**	1	02

The time clock is installed in a 60 mm flush-mounted box (deep box recommended). The device enables programmed, time-controlled switching of various lighting elements.

- 2 switch-on and 2 switch-off times each for Mo - Fr and Sa + Su.
- Programmed switching times are permanently retained.
- Time is retained for approx. 4 hours in case of a power failure (maintenance-free without batteries).
- Automatic summer/winter changeover.

Rated voltage:	AC 230 V, 50 Hz, N conductor required
Contact rating:	1000 W light bulbs 1000 W HV halogen 750 VA LV halogen for wound transformer with at least 85 % rated load 750 W LV halogen, Gira Tronic transformer 500 VA fluorescent lamps, not compensated 400 VA fluorescent lamps, parallel-compensated 1000 VA fluorescent lamps, dual switching
Ambient temperature:	0 °C to +45 °C
Connection:	Screw terminals for max. 2.5 mm^2 or 2 x 1.5 mm^2

i 63

	Order no.	Packing unit	PS



Electronic time clock 230 V~(AC)

0 – 1000 W/VA

cream white glossy	**0385 01**	1	02
pure white glossy	**0385 03**	1	02
pure white matt	**0385 27**	1	02
anthracite	**0385 28**	1	02
colour aluminium	**0385 26**	1	02
Bronze	**0385 603**	1	02
Brass	**0385 604**	1	02

The time clock is installed in a 60 mm flush-mounted box (deep box recommended).
The device enables programmed, time-controlled switching of various lighting elements up to max. 1,000 W.

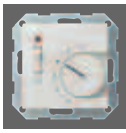
- 2 independent program memories for different types of use in the house.
- Switching times preset at the factory for fast commissioning.
- Up to 18 switching times can be programmed.
- Easy, menu-driven operation and programming via a 4-button field.
- Power reserve up to 24 hours (maintenance-free without batteries).
- Resetting of the time clock to the factory settings.
- Random generator can be activated; works in the range of ± 15 min.
- Astro function with individual Astro time shift (± 2 hours) depending on the place of use.
- Easy switchover between summer/winter time.
- Timer function (automatic switch-off after set time).
- Manual actuation possible at all times.
- Control via 2 separate auxiliary inputs possible.
- Zero-voltage contact (not suitable for disconnection).

Rated voltage:	AC 230 V, 50 Hz, N conductor required
Contact rating:	1000 W light bulbs 1000 W HV halogen 750 VA LV halogen for wound transformer with at least 85 % rated load 750 W LV halogen, Gira Tronic transformer 500 VA fluorescent lamps, not compensated 400 VA fluorescent lamps, parallel-compensated 1000 VA fluorescent lamps, dual switching
Ambient temperature:	0 °C to +45 °C
Connection:	Screw terminals for max. 2.5 mm^2 or 2 x 1.5 mm^2
Ambient temperature:	0 °C to +45 °C
Connection:	Screw terminals for max. 2.5 mm^2 or 2 x 1.5 mm^2

i 63

Room temperature controller

Room temperature controller 230 V~

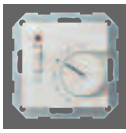


	Order no.	Packing unit	PS
230/10 (4) A~ with NC contact and on/off switch with control lamp[1)]			
cream white glossy	**0392 01**	1/5	22
pure white glossy	**0392 03**	1/5	22
pure white matt	**0392 27**	1/5	22
anthracite	**0392 28**	1/5	02
colour aluminium	**0392 26**	1/5	02
230/10 (4) A~ with NC contact[1)]			
cream white glossy	**0390 01**	1/5	02
pure white glossy	**0390 03**	1/5	02
pure white matt	**0390 27**	1/5	02
anthracite	**0390 28**	1/5	02
colour aluminium	**0390 26**	1/5	02
230/5 (2) A~ with 2-way switch[2)]			
cream white glossy	**0396 01**	1/5	02
pure white glossy	**0396 03**	1/5	02
pure white matt	**0396 27**	1/5	02
anthracite	**0396 28**	1/5	02
colour aluminium	**0396 26**	1/5	02

For screw attachment only. Flat design.
[1)] Contact rating: 2200 W.
Night-time reduction: approx. 4 K.
[2)] Rated heating current: 10(4) A.
Contact rating for heating: 2200 W.
Rated cooling current: 5(2) A.
Contact rating for cooling: 1100 W.
Thermal valve drive 230 V~ 1122 00 → Page 59.

i 35

Room temperature controller 24 V~

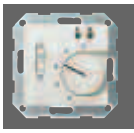


	Order no.	Packing unit	PS
24/10 (4) A~ with NC contact and on/off switch with control lamp[1)]			
cream white glossy	**0393 01**	1/5	02
pure white glossy	**0393 03**	1/5	02
pure white matt	**0393 27**	1/5	02
anthracite	**0393 28**	1/5	02
colour aluminium	**0393 26**	1/5	02
24/10 (4) A~ with NC contact[1)]			
cream white glossy	**0391 01**	1/5	02
pure white glossy	**0391 03**	1/5	02
pure white matt	**0391 27**	1/5	02
anthracite	**0391 28**	1/5	02
colour aluminium	**0391 26**	1/5	02
24/5 (2) A~ with 2-way switch[2)]			
cream white glossy	**0397 01**	1/5	02
pure white glossy	**0397 03**	1/5	02
pure white matt	**0397 27**	1/5	02
anthracite	**0397 28**	1/5	02
colour aluminium	**0397 26**	1/5	02

For screw attachment only. Flat design.
[1)] Contact rating: 240 W.
Night-time reduction: approx. 4 K.
[2)] Rated heating current: 10(4) A.
Contact rating for heating: 240 W.
Rated cooling current: 5(2) A.
Contact rating for cooling: 120 W.
Thermal valve drive 24 V 1123 00 → Page 60.

i 36

Room temperature controller 230 V~ with sensor, for electrical floor heating

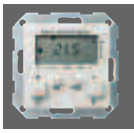


	Order no.	Packing unit	PS
230/10 (4) A~ with NO contact			
cream white glossy	**0394 01**	1	02
pure white glossy	**0394 03**	1	02
pure white matt	**0394 27**	1	02
anthracite	**0394 28**	1	02
colour aluminium	**0394 26**	1	02

For screw attachment only.
Night-time reduction: approx. 5 K.
Contact rating: 2200 W.
Flat construction.
With remote sensors on 4 m cable (2 x 0.5 mm^2), can be extended to 50 m with 1.5 mm^2 2-lead cable. Sensors in plastic cap with 8.5 mm ∅ diameter and length of 40 mm.
Lay remote sensors in empty pipe in floor.

i 35

Room temperature controller clock with cooling function



	Order no.	Packing unit	PS
cream white glossy	**2370 01**	1	02
pure white glossy	**2370 03**	1	02
pure white matt	**2370 27**	1	02
anthracite	**2370 28**	1	02
colour aluminium	**2370 26**	1	02
Bronze	**2370 603**	1	02
Brass	**2370 604**	1	02

Electronic room temperature controller with integrated time delay switch for temperature-based single-room control. Heating units can be controlled directly via the switched output for example.

- Automatic switching of operating modes „heating“ or „cooling“ via separate input.
- Room temperature control via an internal and/or external temperature sensor as a room-temperature controller, as a floor-temperature controller or as a floor-temperature limiter.
- Time program with up to 32 switching points (default settings pre-programmed at the factory).
- Separate program for cooling function.
- Party function for extending the comfort temperature by 1, 2 or 3 hours, or until the next switching point.
- Energy-saving function for manual activation of the night-time reduction until the next switching point.
- Automatic summer/winter changeover.
- The hour display can be toggled between 12 and 24-hour mode.
- Self-teaching heating optimisation.
- Vacation reduction via date input.
- Remote sensor **1302 00** for measuring or controlling the floor temperature.

Rated voltage:	230 V, 50 Hz N conductor required
Contact rating:	8 (4) A 1 NO contact, with equipotential bonding (relay contact)
Temperature range:	+10 °C to +40 °C (comfort/night-time reduction) +5 °C to +15 °C (frost protection temperature)
Ambient temperature:	0 °C to +50 °C

Remote sensor 1302 00 → Page 59.
Thermal valve drive 230 V~ 1122 00 → Page 59.

i 37

The delivery results subject to countries specific assortments.



Remote sensors for room-temperature controller with clock

	Order no.	Packing unit	PS
black	**1302 00**	1	02

Remote sensors with 4 m PVC line for measurement of floor temperature in conjunction with the room-temperature controller with clock **2370** ... Sensors in plastic cap with 6 mm ∅ diameter and length of 43 mm.

Room temperature controller with clock 2370 ... → Page 58.

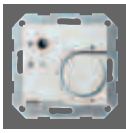
i 4



Radio room temperature sensor with clock

cream white glossy	**1186 01**	1	02
pure white glossy	**1186 03**	1	02
pure white matt	**1186 27**	1	02
anthracite	**1186 28**	1	02
colour aluminium	**1186 26**	1	02
Bronze	**1186 603**	1	02
Brass	**1186 604**	1	02

For use in the Gira radio bus system.
Functional description → Page 548.

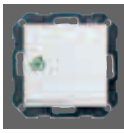


Electronic hygrostat 230 V~(AC)

cream white glossy	**2265 01**	1	02
pure white glossy	**2265 03**	1	02
pure white matt	**2265 27**	1	02
anthracite	**2265 28**	1	02
colour aluminium	**2265 26**	1	02

The hygrostat detects the humidity and the room temperature via internal sensors and calculates the optimum humidity of the air for the respective measured temperature. For example, if the humidity exceeds the value set on the rotary knob, the hygrostat switches on a fan to dehumidify the room.
A fixed setpoint control that can be activated by the installer (e.g. in public buildings) prevents unauthorised changing of the humidity setpoint: In this case, 60 % relative humidity is permanently set, regardless of the position of the rotary knob on the front of the device.
To prevent continuous operation of the fan with a generally high ambient humidity (e.g. when thunderstorms are possible), the hygrostat monitors the switch-on time. If the humidity does not drop below the set value after 1 hour, ventilation is interrupted for 4 hours. This interruption is indicted by an LED and can be manually influenced with a button.

Rated voltage:	230 V, 50 Hz
Contact rating:	8 (4) A 1 NO contact, with equipotential bonding (relay contact)
Control range:	20 % to 95 % rel. humidity
Measuring tolerance:	± 5% rel. humidity
Switching differential:	± 2%
Protection type:	IP 20
Operating temperature:	0 °C to +50 °C
Cable length to load:	max. 100 m



Ambient air sensor CO_2

cream white glossy	**2381 01**	1	02
pure white glossy	**2381 03**	1	02
pure white matt	**2381 27**	1	02
anthracite	**2381 28**	1	02
colour aluminium	**2381 26**	1	02

CO_2-sensor for monitoring CO_2 concentration in the ambient air. The air quality is displayed via a coloured (green or red) back-lit symbol (can be deactivated). Buzzer tone (can be switched off) when adjustable limit value is exceeded. Relay 2-way switch for controlling functions (not suitable for direct switching). Operating elements (DIP switches, potentiometers) are located on the rear of the measuring module; remove the measuring module from the supply module to locate them.

Operating voltage:	110 V~ to 230 V~ AC, 50 Hz
Limit value definition:	can be set from 800 to 1,500 ppm
Power consumption:	≤ 3W
Relay output:	4 A



Thermal valve drive 230 V~

	Order no.	Packing unit	PS
	1122 00	1/5	06

Thermal valve drive for actuation of thermostat valves for single-room control in conjunction with a floor heater, radiator or convection heater. Easy installation via attachment of the valve drive to the valve adapter. The valve adapter enables adaptation to the many different valve lower sections. The valve drive is supplied together with a Heimeier adapter.
„First-open function". The valve drive is „normally open" in the state of installation with this function, i.e. heating without electrical control of the actuator is possible in the unfinished state. During start-up, operational readiness (normally closed) is achieved via the initial stroke movement. With status indication (open or closed). Valve adapter for corner valves from Heimeier, Herb, Onda, Schlösser and Oventrop included in scope of supply.

Operating voltage:	230 V AC, 50/60 Hz
Power consumption:	approx. 2 W
Valve stroke:	3 mm
Running time:	60 s/mm
Regulating power:	90 N
Average temperature:	max. 100 °C
Connection line:	2 x 0.75 mm^2 1 m
Dimensions:	W x H x D 43 x 53 x 53 mm

Room-temperature controller 0390 .., 0392 .., 0396 ... → Page 58.
Room temperature controller with clock 2370 ... → Page 58.
Valve adapters 1124 00, 1125 00, 1126 00 → Page 60.
Cover plate of cable branch 0274 ... → Page 64.
Cable branch insert 0400 00 → Page 293.

	Order no.	Packing unit	PS



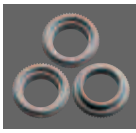
Thermal valve drive 24 V

	1123 00	1/5	06

Thermal valve drive for actuation of thermostat valves for single-room control in conjunction with a floor heater, radiator or convection heater. Easy installation via attachment of the valve drive to the valve adapter. The valve adapter enables adaptation to the many different valve lower sections. The valve drive is supplied together with a Heimeier adapter.
„First-open function". The valve drive is „normally open" in the state of installation with this function, i.e. heating without electrical control of the actuator is possible in the unfinished state. During start-up, operational readiness (normally closed) is achieved via the initial stroke movement. With status indication (open or closed). Valve adapter for corner valves from Heimeier, Herb, Onda, Schlösser and Oventrop included in scope of supply.

Operating voltage:	24 V, 0 - 60 Hz
Power consumption:	approx. 2 W
Valve stroke:	3 mm
Running time:	60 s/mm
Regulating power:	90 N
Average temperature:	max. 100 °C
Connection line:	2 x 0.75 mm^2
	1 m
Dimensions:	W x H x D 43 x 53 x 53 mm

Room-temperature controller 0391 .., 0393 .., 0397 ... → Page 58.
Valve adapters 1124 00, 1125 00, 1126 00 → Page 60.
Cover plate of cable branch 0274 ... → Page 64.
Cable branch insert 0400 00 → Page 293.



Valve adapter for thermal valve drives 24 V / 230 V

Adapter for Dumser, Vescal, Simplex			
	1124 00	5	06
Adapter for MNG, Gazzaniga, Honeywell & Braukmann, Reich, Landis & Gyr			
	1125 00	5	06
Adapter for Danfoss RA			
	1126 00	5	06

Valve adapter for the thermal valve drive 24 V or 230 V for adaptation to the various valve lower sections.

Thermal valve drive 230 V 1122 00 → Page 59.
Thermal valve drive 24 V 1123 00 → Page 60.



Radio motor valve drive

	1187 00	1	02
Remote sensor			
white	**1188 00**	1	02

For use in the Gira radio bus system.
Functional description → Page 562.

	Order no.	Packing unit	PS

Door communication system



Surface-mounted home station

cream white glossy	**1250 01**	1	18
pure white glossy	**1250 03**	1	18
pure white matt	**1250 27**	1	18
anthracite	**1250 28**	1	18
colour aluminium	**1250 26**	1	18
Bronze	**1250 603**	1	18
Brass	**1250 604**	1	18

Additional products in door communication system and functional description → Page 363.



Surface-mounted home station video

cream white glossy	**1279 01**	1	10
pure white glossy	**1279 03**	1	10
pure white matt	**1279 27**	1	10
anthracite	**1279 28**	1	10
colour aluminium	**1279 26**	1	10

Additional products in door communication system and functional description → Page 364.



Home station

transparent white			
cream white glossy	**1280 101**	1	18
pure white glossy	**1280 103**	1	18
pure white matt	**1280 127**	1	18
anthracite	**1280 128**	1	18
colour aluminium	**1280 126**	1	18
Bronze[1)]	**1280 603**	1	18
Brass[1)]	**1280 604**	1	18

Additional products in door communication system and functional description → Page 366.

The delivery results subject to countries specific assortments.

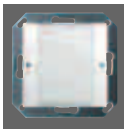
	Order no.	Packing unit	PS



Home station receiver

cream white glossy	**1281 01**	1	18
pure white glossy	**1281 03**	1	18
pure white matt	**1281 27**	1	18
anthracite	**1281 28**	1	18
colour aluminium	**1281 26**	1	18
Bronze	**1281 603**	1	18
Brass	**1281 604**	1	18

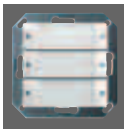
Additional products in door communication system and functional description → Page 367.



Call button, 1-gang for home station

transparent white	**1283 100**	1	18

Additional products in door communication system and functional description → Page 367.



Call button, 3-gang for home station

transparent white	**1285 100**	1	18

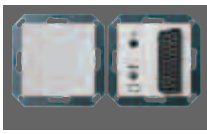
Additional products in door communication system and functional description → Page 368.



TFT colour display

cream white glossy	**1286 01**	1	10
pure white glossy	**1286 03**	1	10
pure white matt	**1286 27**	1	10
anthracite	**1286 28**	1	10
colour aluminium	**1286 26**	1	10

Additional products in door communication system and functional description → Page 368.



DCS-TV gateway

cream white glossy	**2610 01**	1	10
pure white glossy	**2610 03**	1	10
pure white matt	**2610 27**	1	10
anthracite	**2610 28**	1	10
colour aluminium	**2610 26**	1	10

Additional products in door communication system and functional description → Page 369.

	Order no.	Packing unit	PS



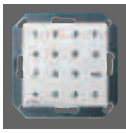
Surface-mounted gong

cream white glossy	**1200 01**	1	18
pure white glossy	**1200 03**	1	18
pure white matt	**1200 27**	1	18
anthracite	**1200 28**	1	18
colour aluminium	**1200 26**	1	18

Additional products in door communication system and functional description → Page 373.

Keyless In

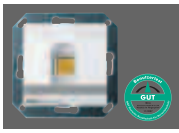
As standalone device or in combination with the Gira door communication system, enables convenient door opening for authorised persons.



Keyless In Keypad

	Order no.	Packing unit	PS
cream white glossy	**2605 01**	1	10
pure white glossy	**2605 03**	1	10
pure white matt	**2605 27**	1	10
anthracite	**2605 28**	1	10
colour aluminium	**2605 26**	1	10

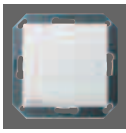
For use as a separate device or in the Gira door communication system. Functional description → Page 382.



Keyless In Fingerprint reader

	Order no.	Packing unit	PS
cream white glossy	**2607 01**	1	10
pure white glossy	**2607 03**	1	10
pure white matt	**2607 27**	1	10
anthracite	**2607 28**	1	10
colour aluminium	**2607 26**	1	10

For use as a separate device or in the Gira door communication system. Functional description → Page 383.

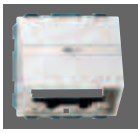


Keyless In Transponder reader

	Order no.	Packing unit	PS
System 55			
cream white glossy	**2606 01**	1	10
pure white glossy	**2606 03**	1	10
pure white matt	**2606 27**	1	10
anthracite	**2606 28**	1	10
colour aluminium	**2606 26**	1	10
Programming card			
orange	**2608 00**	1	10
Transponder key active			
black	**2609 00**	1	10
Transponder card passive			
black/silver	**2611 00**	1	18

For use as a separate device or in the Gira door communication system. Functional description → Page 384.

Communication Technology

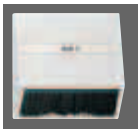


Data cap with support ring and inscription space for data and communication connection-technology inserts

	Order no.	Packing unit	PS
cream white glossy	**0870 01**	1	01
pure white glossy	**0870 03**	1	01
pure white matt	**0870 27**	1	01
anthracite	**0870 28**	1	11
colour aluminium	**0870 26**	1	11

For screw attachment only.
For vertical and 30° tilted socket outlet.
Inserts for data caps → Page 398.
Inscription sheets 1457 00 → Page 294.

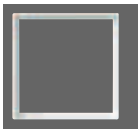
i 11



Attachable covering cap for device with cover plate (50 x 50 mm) and angled socket outlet

	Order no.	Packing unit	PS
cream white glossy	**0682 01**	1	01
pure white glossy	**0682 03**	1	01
pure white matt	**0682 27**	1	01
anthracite	**0682 28**	1	11
colour aluminium	**0682 26**	1	11

Devices with a square central plate (50 x 50 mm) from other manufacturers, e.g. from Alcatel, AMP Econo Link System, Brand-Rex, BTR, Kannegieter BICC Brand Rex, Krone, Molex, Reichle de Massari, Rutenbeck, Schumann Netzwerktechnik RJ 45 connection box Cat. 5 BIIC, Siemens ICCS 100 and 300, Telegärtner, Telenorma, TKM, Quante and Panduit (2-gang MSCSP 2) can be integrated in the switch range with this cover cap and and cover frame (1 to 5-gang).
Cover plate for UAE/IAE (ISDN) 0270 .., 0284 .. → Page 64.
Network connection box HomePlug AV 2750 00 → Page 405.
Inscription sheets 1457 00 → Page 294.



Intermediate plate with square cut-out for devices with cover plate (50 x 50 mm)

	Order no.	Packing unit	PS
cream white glossy	**0282 01**	5/25	01
pure white glossy	**0282 03**	5/25	01
pure white matt	**0282 27**	5/25	01
anthracite	**0282 28**	5/25	11
colour aluminium	**0282 26**	5/25	11

With this intermediate plate and cover frame (1 to 5-gang), devices from other manufacturers with a square central plate (50 x 50 mm), e.g. Alcatel, AMP Econo Link System, Brand-Rex, BTR, Cellpack ITT Cannon Cat. 5, Deutsche Telekom, Drahtex, Hirose, Kannegieter BICC Brand Rex, Kerpen ELine 600, Krone, Molex, Nedap, Panduit, Quante, Reichle de Massari, Rutenbeck, Schumann Netzwerktechnik, HomeWay, Siemens ICCS 100, 300 and 600, Telegärtner, Telenorma, TKM (4 x RJ 45) shielded, Cat. 5) etc. can be integrated in the switch range.
Required for central plate (50 x 50 mm) for coaxial antenna socket, 4-gang 0258 .., 0259 .. → Page 71.

The delivery results subject to countries specific assortments.

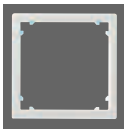
	Order no.	Packing unit	PS



Intermediate plate with round cut-out for devices with cover plate (50 x 50 mm)

cream white glossy	**0281 01**	5/25	01
pure white glossy	**0281 03**	5/25	01
pure white matt	**0281 27**	5/25	01
anthracite	**0281 28**	5/25	11
colour aluminium	**0281 26**	5/25	11

Devices of other manufacturers with square central plates can be integrated in the switch range with this intermediate plate and cover frame (1 to 5-gang).



Intermediate plate with square cut-out (45 x 45 mm)

cream white glossy	**0283 01**	5/25	01
pure white glossy	**0283 03**	5/25	01
pure white matt	**0283 27**	5/25	01
anthracite	**0283 28**	5/25	11
colour aluminium	**0283 26**	5/25	11

Devices with square central plates, e.g. for Alcatel data communication, from other manufacturers can be integrated into the System 55 with this intermediate plate and cover frame (1 to 5-gang).

	Order no.	Packing unit	PS

Telecommunication



Cover plate for TAE, USB

cream white glossy	**0276 01**	5	01
pure white glossy	**0276 03**	10/100	01
pure white matt	**0276 27**	10/100	01
anthracite	**0276 28**	5	11
colour aluminium	**0276 26**	5	11
with inscription space			
cream white glossy	**0876 01**	1	01
pure white glossy	**0876 03**	1	01
pure white matt	**0876 27**	1	01
anthracite	**0876 28**	1	11
colour aluminium	**0876 26**	1	11

Suitable for all common TAE connection boxes.
TAE connection boxes 1100 10, 0032 10, 0033 10 → Page 400.
Inscription sheets 1455 00 → Page 294.



Cover plate for TDO connection box

(for Austria only)			
cream white glossy	**0260 01**	5	01
pure white glossy	**0260 03**	5	01
pure white matt	**0260 27**	5	01
anthracite	**0260 28**	1	11
colour aluminium	**0260 26**	1	11
with inscription space (for Austria only)			
cream white glossy	**0860 01**	1	01
pure white glossy	**0860 03**	1	01
pure white matt	**0860 27**	1	01
anthracite	**0860 28**	1	11
colour aluminium	**0860 26**	1	11

Suitable for all common TDO connection boxes.
Inscription sheets 1455 00 → Page 294.

	Order no.	Packing unit	PS



Cover plate for UAE/IAE (ISDN) and network connection box

cream white glossy	**0270 01**	5	01
pure white glossy	**0270 03**	10/100	01
pure white matt	**0270 27**	10/100	01
anthracite	**0270 28**	10/100	11
colour aluminium	**0270 26**	10/100	11
with inscription space			
cream white glossy	**0284 01**	1	01
pure white glossy	**0284 03**	5	01
pure white matt	**0284 27**	5	01
anthracite	**0284 28**	5	11
colour aluminium	**0284 26**	5	11

Cover plate can be broken out.
Suitable for UAE/IAE (ISDN) connection boxes.
UAE/IAE (ISDN) connection boxes 0179 00, 0186 00, 0187 00, 0188 00, 0189 00, 0190 00 → Page 400.
Network connection boxes 0166 00, 0178 00, 0180 00, 2451 00, 2452 00 → Page 400.
Network connection box HomePlug AV 2750 00 → Page 405.
Attachable covering cap 0682 .. → Page 62.



Cover plate for cable branch and telecommunications connector socket

cream white glossy	**0274 01**	5	01
pure white glossy	**0274 03**	5	01
pure white matt	**0274 27**	5	01
anthracite	**0274 28**	5	11
colour aluminium	**0274 26**	5	11

Fits all common telecommunications connector sockets.
Cable branch insert 0400 00 → Page 293.



Cover plate for KPN connection box 4-pole

cream white glossy	**0279 01**	10/100	01
pure white glossy	**0279 03**	10	01
pure white matt	**0279 27**	10	01
anthracite	**0279 28**	1	11
colour aluminium	**0279 26**	1	11



Cover plate for Belgacom connection box

cream white glossy	**0280 01**	1	01
pure white glossy	**0280 03**	1	01
pure white matt	**0280 27**	1	01
anthracite	**0280 28**	1	11
colour aluminium	**0280 26**	1	11

Inserts available from wholesalers.

	Order no.	Packing unit	PS

Data systems technology



Cover plate for Modular Jack support ring with inscription field and 30° angled socket outlet

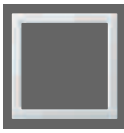
cream white glossy	**2640 01**	10	01
pure white glossy	**2640 03**	10	01
pure white matt	**2640 27**	10	01
anthracite	**2640 28**	10	11
colour aluminium	**2640 26**	10	11

New. Available starting February 2013.
Support ring for Modular Jack 5601 00, 5602 00, 5603 00, 5604 00, 5605 00, 5606 00, 5607 00, 5608 00, 5609 00, 5610 00 → Page 401.

The delivery results subject to countries specific assortments.

Data and communication connection technology

Mounting frame

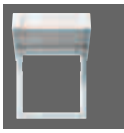


	Order no.	Packing unit	PS
cream white glossy	**2648 01**	5/25	01
pure white glossy	**2648 03**	5/25	01
Matt black	**2648 10**	5/25	01

New. Available starting February 2013.

Suitable for multimedia inserts 5630 .., 5631 .., 5632 .., 5633 .., 5634 .., 5635 .., 5636 .., 5637 .., 5638 .., 5639 .., 5640 .., 5641 .., 5642 .., 5643 .., 5644 .., 5645 .., 5646 .., 5647 .., 5648 .., 5649 .., 5650 .., 5651 .., 5652 .., 5653 .., 5654 .., 5655 .., 5656 .., 5657 .., 5658 .., 5659 .., 5660 .., 5661 .., 5662 .., 5663 .., 5664 .., 5665 .., 5666 .., 5667 .., 5668 .., 5669 .., 5670 .., 5671 .., 5672 .., 5673 .., 5674 .., 5675 .., 5676 .., 5677 .., 5678 .., 5679 .., 5680 .., 5681 .., 5682 .., 5683 .., 5684 .., 5685 .., 5686 .., 5687 .., 5688 .., 5689 .., 5690 .., 5691 .., 5692 .., 5693 .., 5694 .., 5695 .., 5696 .., 5697 .., 5698 .., 5699 ..

Mounting frame with hinged cover

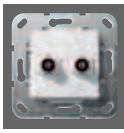


	Order no.	Packing unit	PS
cream white glossy	**2658 01**	1	01
pure white glossy	**2658 03**	1	01
pure white matt	**2658 27**	1	01
anthracite	**2658 28**	1	11
colour aluminium	**2658 26**	1	11

New. Available starting March 2013.

Suitable for multimedia inserts 5631 .., 5632 .., 5633 .., 5634 .., 5635 .., 5636 .., 5637 .., 5638 .., 5639 .., 5640 .., 5641 .., 5642 .., 5643 .., 5644 .., 5645 .., 5646 .., 5647 .., 5648 .., 5649 .., 5650 .., 5651 .., 5652 .., 5653 .., 5654 .., 5655 .., 5656 .., 5657 .., 5658 .., 5659 .., 5660 .., 5661 .., 5662 .., 5663 .., 5664 .., 5667 .., 5669 .., 5670 .., 5671 .., 5672 .., 5673 .., 5674 .., 5675 .., 5676 .., 5677 .., 5678 .., 5679 .., 5680 .., 5681 .., 5682 .., 5683 .., 5684 .., 5685 .., 5686 .., 5687 .., 5688 .., 5689 .., 5690 .., 5691 .., 5692 .., 5693 .., 5694 .., 5695 .., 5696 .., 5697 .., 5698 .., 5699 ..

BNC insert, 2-gang



	Order no.	Packing unit	PS
Crimp connection			
cream white glossy	**5630 01**	1	01
pure white glossy	**5630 03**	1	01
Matt black	**5630 10**	1	01

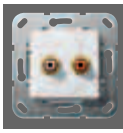
New. Available starting February 2013.

For screw attachment only.

Mounting frame 2648 .. → Page 65.

i 12

Cinch audio insert



	Order no.	Packing unit	PS
Solder termination			
cream white glossy	**5632 01**	1	01
pure white glossy	**5632 03**	1	01
Matt black	**5632 10**	1	01
Gender changer			
cream white glossy	**5631 01**	1	01
pure white glossy	**5631 03**	1	01
Matt black	**5631 10**	1	01
Breakout cable			
cream white glossy	**5633 01**	1	01
pure white glossy	**5633 03**	1	01
Matt black	**5633 10**	1	01

New. Available starting February 2013.

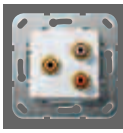
For screw attachment only.

Mounting frame 2648 .. → Page 65.

Mounting frame with hinged cover 2658 .. → Page 65.

i 12

Cinch audio and mini jack 3.5 mm insert



	Order no.	Packing unit	PS
Gender changer			
cream white glossy	**5634 01**	1	01
pure white glossy	**5634 03**	1	01
Matt black	**5634 10**	1	01
Breakout cable			
cream white glossy	**5635 01**	1	01
pure white glossy	**5635 03**	1	01
Matt black	**5635 10**	1	01

New. Available starting February 2013.

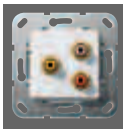
For screw attachment only.

Mounting frame 2648 .. → Page 65.

Mounting frame with hinged cover 2658 .. → Page 65.

i 12

Cinch audio and composite video insert



	Order no.	Packing unit	PS
Solder termination			
cream white glossy	**5638 01**	1	01
pure white glossy	**5638 03**	1	01
Matt black	**5638 10**	1	01
Gender changer			
cream white glossy	**5636 01**	1	01
pure white glossy	**5636 03**	1	01
Matt black	**5636 10**	1	01
Breakout cable			
cream white glossy	**5637 01**	1	01
pure white glossy	**5637 03**	1	01
Matt black	**5637 10**	1	01

New. Available starting February 2013.

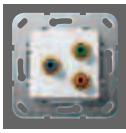
For screw attachment only.

Mounting frame 2648 .. → Page 65.

Mounting frame with hinged cover 2658 .. → Page 65.

i 12

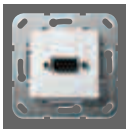
Component video insert



	Order no.	Packing unit	PS
Solder termination			
cream white glossy	**5641 01**	1	01
pure white glossy	**5641 03**	1	01
Matt black	**5641 10**	1	01
Gender changer			
cream white glossy	**5639 01**	1	01
pure white glossy	**5639 03**	1	01
Matt black	**5639 10**	1	01
Breakout cable			
cream white glossy	**5640 01**	1	01
pure white glossy	**5640 03**	1	01
Matt black	**5640 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 65.
Mounting frame with hinged cover 2658 .. → Page 65.
i 12

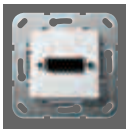
Sub D 9-pole insert



	Order no.	Packing unit	PS
Solder termination			
cream white glossy	**5642 01**	1	01
pure white glossy	**5642 03**	1	01
Matt black	**5642 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 65.
Mounting frame with hinged cover 2658 .. → Page 65.
i 12

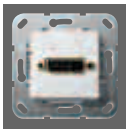
Sub D 15-pole insert



	Order no.	Packing unit	PS
Solder termination			
cream white glossy	**5643 01**	1	01
pure white glossy	**5643 03**	1	01
Matt black	**5643 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 65.
Mounting frame with hinged cover 2658 .. → Page 65.
i 12

DVI (24+5) insert



	Order no.	Packing unit	PS
Gender changer			
cream white glossy	**5644 01**	1	01
pure white glossy	**5644 03**	1	01
Matt black	**5644 10**	1	01
Breakout cable			
cream white glossy	**5645 01**	1	01
pure white glossy	**5645 03**	1	01
Matt black	**5645 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 65.
Mounting frame with hinged cover 2658 .. → Page 65.
i 12

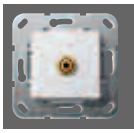
Cinch audio and DVI (24+5) insert



	Order no.	Packing unit	PS
Gender changer			
cream white glossy	**5646 01**	1	01
pure white glossy	**5646 03**	1	01
Matt black	**5646 10**	1	01
Breakout cable			
cream white glossy	**5647 01**	1	01
pure white glossy	**5647 03**	1	01
Matt black	**5647 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 65.
Mounting frame with hinged cover 2658 .. → Page 65.
i 12

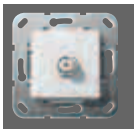
Mini jack 3.5 mm insert



	Order no.	Packing unit	PS
Gender changer			
cream white glossy	**5648 01**	1	01
pure white glossy	**5648 03**	1	01
Matt black	**5648 10**	1	01
Breakout cable			
cream white glossy	**5649 01**	1	01
pure white glossy	**5649 03**	1	01
Matt black	**5649 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 65.
Mounting frame with hinged cover 2658 .. → Page 65.
i 12

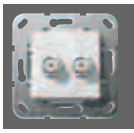
SAT F pin jack insert



	Order no.	Packing unit	PS
Gender changer			
cream white glossy	**5650 01**	1	01
pure white glossy	**5650 03**	1	01
Matt black	**5650 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 65.
Mounting frame with hinged cover 2658 .. → Page 65.
i 12

SAT F pin jack insert, 2-gang

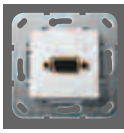


	Order no.	Packing unit	PS
Gender changer			
cream white glossy	**5651 01**	1	01
pure white glossy	**5651 03**	1	01
Matt black	**5651 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 65.
Mounting frame with hinged cover 2658 .. → Page 65.
i 12

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



VGA insert

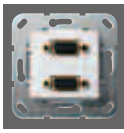
Gender changer

cream white glossy	**5652 01**	1	01
pure white glossy	**5652 03**	1	01
Matt black	**5652 10**	1	01

Breakout cable

cream white glossy	**5653 01**	1	01
pure white glossy	**5653 03**	1	01
Matt black	**5653 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 65.
Mounting frame with hinged cover 2658 .. → Page 65.
i 12



VGA insert, 2-gang

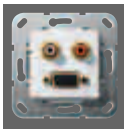
Gender changer

cream white glossy	**5654 01**	1	01
pure white glossy	**5654 03**	1	01
Matt black	**5654 10**	1	01

Breakout cable

cream white glossy	**5655 01**	1	01
pure white glossy	**5655 03**	1	01
Matt black	**5655 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 65.
Mounting frame with hinged cover 2658 .. → Page 65.
i 12



Cinch audio and VGA insert

Gender changer

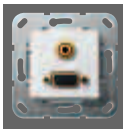
cream white glossy	**5656 01**	1	01
pure white glossy	**5656 03**	1	01
Matt black	**5656 10**	1	01

Breakout cable

cream white glossy	**5657 01**	1	01
pure white glossy	**5657 03**	1	01
Matt black	**5657 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 65.
Mounting frame with hinged cover 2658 .. → Page 65.
i 12

	Order no.	Packing unit	PS



VGA and mini jack 3.5 mm insert

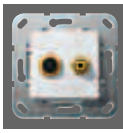
VGA coupler, breakout cable mini jack

cream white glossy	**5658 01**	1	01
pure white glossy	**5658 03**	1	01
Matt black	**5658 10**	1	01

Breakout cable

cream white glossy	**5659 01**	1	01
pure white glossy	**5659 03**	1	01
Matt black	**5659 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 65.
Mounting frame with hinged cover 2658 .. → Page 65.
i 12

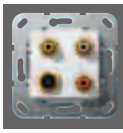


Composite video and S-video insert

Breakout cable

cream white glossy	**5660 01**	1	01
pure white glossy	**5660 03**	1	01
Matt black	**5660 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 65.
Mounting frame with hinged cover 2658 .. → Page 65.
i 12



Cinch audio, composite video and S-video insert

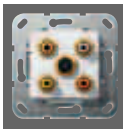
Gender changer

cream white glossy	**5661 01**	1	01
pure white glossy	**5661 03**	1	01
Matt black	**5661 10**	1	01

Breakout cable

cream white glossy	**5662 01**	1	01
pure white glossy	**5662 03**	1	01
Matt black	**5662 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 65.
Mounting frame with hinged cover 2658 .. → Page 65.
i 12



Cinch audio, composite video, S-video and mini jack 3.5 mm insert

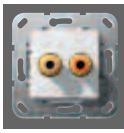
Gender changer

cream white glossy	**5663 01**	1	01
pure white glossy	**5663 03**	1	01
Matt black	**5663 10**	1	01

Breakout cable

cream white glossy	**5664 01**	1	01
pure white glossy	**5664 03**	1	01
Matt black	**5664 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 65.
Mounting frame with hinged cover 2658 .. → Page 65.
i 12



WBT-0710 Cu nextgen™ insert

	Order no.	Packing unit	PS
Cable lug			
cream white glossy	**5665 01**	1	01
pure white glossy	**5665 03**	1	01
Matt black	**5665 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 65.

i 12

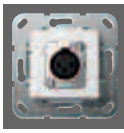


WBT-0708 Cu nextgen™ insert

	Order no.	Packing unit	PS
Cable lug			
cream white glossy	**5666 01**	1	01
pure white glossy	**5666 03**	1	01
Matt black	**5666 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 65.

i 12

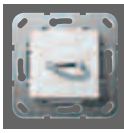


XLR pin jack, D series insert

	Order no.	Packing unit	PS
Solder termination			
cream white glossy	**5667 01**	1	01
pure white glossy	**5667 03**	1	01
Matt black	**5667 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 65.
Mounting frame with hinged cover 2658 .. → Page 65.

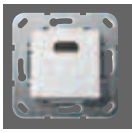
i 12



Insert for fastening laptop security locks

	Order no.	Packing unit	PS
cream white glossy	**5668 01**	1	01
pure white glossy	**5668 03**	1	01
Matt black	**5668 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 65.

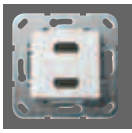


HDMI™ insert „High-speed with ethernet“

	Order no.	Packing unit	PS
Gender changer			
cream white glossy	**5669 01**	1	01
pure white glossy	**5669 03**	1	01
Matt black	**5669 10**	1	01
Breakout cable			
cream white glossy	**5670 01**	1	01
pure white glossy	**5670 03**	1	01
Matt black	**5670 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 65.
Mounting frame with hinged cover 2658 .. → Page 65.

i 12

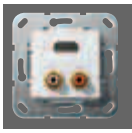


HDMI™ insert „High-speed with ethernet“ 2-gang

	Order no.	Packing unit	PS
Gender changer			
cream white glossy	**5671 01**	1	01
pure white glossy	**5671 03**	1	01
Matt black	**5671 10**	1	01
Breakout cable			
cream white glossy	**5672 01**	1	01
pure white glossy	**5672 03**	1	01
Matt black	**5672 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 65.
Mounting frame with hinged cover 2658 .. → Page 65.

i 12

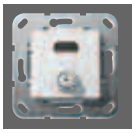


Cinch audio and HDMI™ insert „High-speed with ethernet“

	Order no.	Packing unit	PS
Gender changer			
cream white glossy	**5673 01**	1	01
pure white glossy	**5673 03**	1	01
Matt black	**5673 10**	1	01
Breakout cable			
cream white glossy	**5674 01**	1	01
pure white glossy	**5674 03**	1	01
Matt black	**5674 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 65.
Mounting frame with hinged cover 2658 .. → Page 65.

i 12



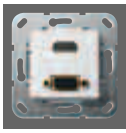
HDMI™ insert „High-speed with ethernet“ and SAT F pin jack

	Order no.	Packing unit	PS
Gender changer			
cream white glossy	**5675 01**	1	01
pure white glossy	**5675 03**	1	01
Matt black	**5675 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 65.
Mounting frame with hinged cover 2658 .. → Page 65.

i 12

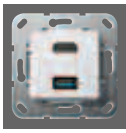
The delivery results subject to countries specific assortments.



HDMI™ insert „High-speed with ethernet“ and VGA

	Order no.	Packing unit	PS
Gender changer			
cream white glossy	**5676 01**	1	01
pure white glossy	**5676 03**	1	01
Matt black	**5676 10**	1	01
Breakout cable			
cream white glossy	**5677 01**	1	01
pure white glossy	**5677 03**	1	01
Matt black	**5677 10**	1	01

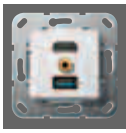
New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 65.
Mounting frame with hinged cover 2658 .. → Page 65.
i 12



HDMI™ insert „High-speed with ethernet“ and USB 3.0 type A

	Order no.	Packing unit	PS
Gender changer			
cream white glossy	**5678 01**	1	01
pure white glossy	**5678 03**	1	01
Matt black	**5678 10**	1	01
Breakout cable			
cream white glossy	**5679 01**	1	01
pure white glossy	**5679 03**	1	01
Matt black	**5679 10**	1	01

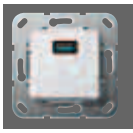
New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 65.
Mounting frame with hinged cover 2658 .. → Page 65.
i 12



HDMI™ insert „High-speed with ethernet“, USB 3.0 type A and mini jack 3.5 mm

	Order no.	Packing unit	PS
HDMI+USB coupler, breakout cable mini jack			
cream white glossy	**5680 01**	1	01
pure white glossy	**5680 03**	1	01
Matt black	**5680 10**	1	01
Breakout cable			
cream white glossy	**5681 01**	1	01
pure white glossy	**5681 03**	1	01
Matt black	**5681 10**	1	01

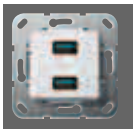
New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 65.
Mounting frame with hinged cover 2658 .. → Page 65.
i 12



USB 3.0 type A insert

	Order no.	Packing unit	PS
Gender changer			
cream white glossy	**5682 01**	1	01
pure white glossy	**5682 03**	1	01
Matt black	**5682 10**	1	01
Breakout cable			
cream white glossy	**5683 01**	1	01
pure white glossy	**5683 03**	1	01
Matt black	**5683 10**	1	01

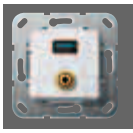
New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 65.
Mounting frame with hinged cover 2658 .. → Page 65.
i 12



USB 3.0 type A insert, 2-gang

	Order no.	Packing unit	PS
Gender changer			
cream white glossy	**5684 01**	1	01
pure white glossy	**5684 03**	1	01
Matt black	**5684 10**	1	01
Breakout cable			
cream white glossy	**5685 01**	1	01
pure white glossy	**5685 03**	1	01
Matt black	**5685 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 65.
Mounting frame with hinged cover 2658 .. → Page 65.
i 12

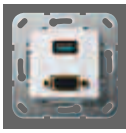


USB 3.0 type A insert and mini jack 3.5 mm insert

	Order no.	Packing unit	PS
USB coupler, breakout cable mini jack			
cream white glossy	**5686 01**	1	01
pure white glossy	**5686 03**	1	01
Matt black	**5686 10**	1	01
Breakout cable			
cream white glossy	**5687 01**	1	01
pure white glossy	**5687 03**	1	01
Matt black	**5687 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 65.
Mounting frame with hinged cover 2658 .. → Page 65.
i 12

	Order no.	Packing unit	PS



VGA and USB 3.0 type A insert

Gender changer			
cream white glossy	**5688 01**	1	01
pure white glossy	**5688 03**	1	01
Matt black	**5688 10**	1	01
Breakout cable			
cream white glossy	**5689 01**	1	01
pure white glossy	**5689 03**	1	01
Matt black	**5689 10**	1	01

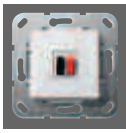
New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 65.
Mounting frame with hinged cover 2658 .. → Page 65. i 12



Cinch audio and USB 3.0 type A insert

Gender changer			
cream white glossy	**5690 01**	1	01
pure white glossy	**5690 03**	1	01
Matt black	**5690 10**	1	01
Breakout cable			
cream white glossy	**5691 01**	1	01
pure white glossy	**5691 03**	1	01
Matt black	**5691 10**	1	01

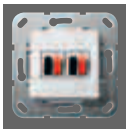
New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 65.
Mounting frame with hinged cover 2658 .. → Page 65. i 12



Loudspeaker connection insert 1-gang

cream white glossy	**5692 01**	1	01
pure white glossy	**5692 03**	1	01
Matt black	**5692 10**	1	01

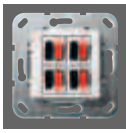
New. Available starting February 2013.
For screw attachment only. Connection on the front using plug terminals, marked red/black. Connection on the black using screw terminals.
Mounting frame 2648 .. → Page 65.
Mounting frame with hinged cover 2658 .. → Page 65. i 12



Loudspeaker connection insert 2-gang

cream white glossy	**5693 01**	1	01
pure white glossy	**5693 03**	1	01
Matt black	**5693 10**	1	01

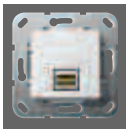
New. Available starting February 2013.
For screw attachment only. Connection on the front using plug terminals, marked red/black. Connection on the black using screw terminals.
Mounting frame 2648 .. → Page 65.
Mounting frame with hinged cover 2658 .. → Page 65. i 12



Loudspeaker connection insert 4-gang

cream white glossy	**5694 01**	1	01
pure white glossy	**5694 03**	1	01
Matt black	**5694 10**	1	01

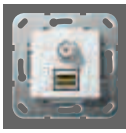
New. Available starting February 2013.
For screw attachment only. Connection on the front using plug terminals, marked red/black. Connection on the black using screw terminals.
Mounting frame 2648 .. → Page 65.
Mounting frame with hinged cover 2658 .. → Page 65. i 12



Insert for modular jack RJ45 cat. 6A 10 GB ethernet

Gender changer			
cream white glossy	**5695 01**	1	01
pure white glossy	**5695 03**	1	01
Matt black	**5695 10**	1	01
with insulation-displacement connector			
cream white glossy	**5696 01**	1	01
pure white glossy	**5696 03**	1	01
Matt black	**5696 10**	1	01

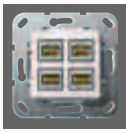
New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 65.
Mounting frame with hinged cover 2658 .. → Page 65.



Insert for modular jack RJ45 cat. 6A 10 GB ethernet and SAT-F pin jack

Gender changer			
cream white glossy	**5697 01**	1	01
pure white glossy	**5697 03**	1	01
Matt black	**5697 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 65.
Mounting frame with hinged cover 2658 .. → Page 65.



Insert for modular jack RJ45 cat. 6A 10 GB ethernet, 4-gang

Gender changer			
cream white glossy	**5698 01**	1	01
pure white glossy	**5698 03**	1	01
Matt black	**5698 10**	1	01
with insulation-displacement connector			
cream white glossy	**5699 01**	1	01
pure white glossy	**5699 03**	1	01
Matt black	**5699 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 65.
Mounting frame with hinged cover 2658 .. → Page 65.

The delivery results subject to countries specific assortments.

TV / Multimedia



Cover plate for coaxial antenna socket

	Order no.	Packing unit	PS
cream white glossy	**0869 01**	10/100	01
pure white glossy	**0869 03**	10/100	01
pure white matt	**0869 27**	10/100	01
anthracite	**0869 28**	10/100	11
colour aluminium	**0869 26**	10/100	11

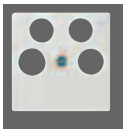
Third hole can be broken out.
Antenna sockets 0041 00, 0042 00, 0046 00 and 0937 00 → Page 403.



Central plate (50 x 50 mm) for coaxial-antenna socket, 4-gang with 2 additional SAT connections from Hirschmann

	Order no.	Packing unit	PS
cream white glossy	**0258 01**	1	01
pure white glossy	**0258 03**	5/25	01
black	**0258 10**	1	01

To integrate this central plate in the switch range, the intermediate plate with a square cut-out for devices from other manufacturers (50 x 50 mm) **0282 .. must** be used.
Intermediate plate 0282 .. → Page 62.



Central plate (50 x 50 mm) for coaxial-antenna socket, 4-gang with 2 additional SAT connections for fuba, ECG-Elektro, Astro

	Order no.	Packing unit	PS
cream white glossy	**0259 01**	5/25	01
pure white glossy	**0259 03**	5/25	01
black	**0259 10**	5/25	01

Fits antenna socket, 4-gang GAD 400 from fuba, SEV 2 from ECG-Elektro and GUT 400 from Astro.
To integrate this central plate in the switch range, the intermediate plate with a square cut-out for devices from other manufacturers (50 x 50 mm) **0282 .. must** be used.
Intermediate plate 0282 .. → Page 62.

Acoustics



Insert with high-end loudspeaker connectors WBT (+/-)

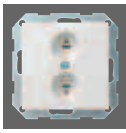
Order no.	Packing unit	PS
0091 00	5	01

For the professional connection of loudspeaker cables up to max. 10 mm^2 via sub-terminals via screwed nuts or via 4 mm banana plugs.
Does not fit water-protected surface-mounted system.

Material:	OFC copper, 24-carat gold plated
Contact resistance:	≤ 0.1 mΩ with terminal attachment ≤ 0.15 mΩ with attachment via standard banana plug

Fits data cap 0870 .. → Page 62.

i 11

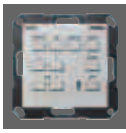


Stereo loudspeaker socket outlet

	Order no.	Packing unit	PS
cream white glossy	**0402 01**	1/5	01
pure white glossy	**0402 03**	1/5	01
pure white matt	**0402 27**	1/5	01
anthracite	**0402 28**	1/5	11
colour aluminium	**0402 26**	1/5	11

With screw terminals.
Connectable cable cross-section max. 1.5 mm^2.
For line diameter up to 10 mm^2, use insert for high-end loudspeaker plug (WBT) **0091 00** and data cap **0870 ...**

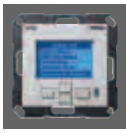
Revox multiroom system



Revox multiroom system M218 operating unit

	Order no.	Packing unit	PS
cream white glossy	**0538 01**	1	06
pure white glossy	**0538 03**	1	06
pure white matt	**0538 27**	1	06
anthracite	**0538 28**	1	06
colour aluminium	**0538 26**	1	06
Bronze	**0538 603**	1	06
Brass	**0538 604**	1	06

Functional description → Page 414.



Revox multiroom system M217 display unit

	Order no.	Packing unit	PS
cream white glossy	**0539 01**	1	06
pure white glossy	**0539 03**	1	06
pure white matt	**0539 27**	1	06
anthracite	**0539 28**	1	06
colour aluminium	**0539 26**	1	06
Bronze	**0539 603**	1	06
Brass	**0539 604**	1	06

Functional description → Page 414.



Revox multiroom system M217/M218 regulating unit

	Order no.	Packing unit	PS
cream white glossy	**0540 01**	1	06
pure white glossy	**0540 03**	1	06
pure white matt	**0540 27**	1	06
anthracite	**0540 28**	1	06
colour aluminium	**0540 26**	1	06
Bronze	**0540 603**	1	06
Brass	**0540 604**	1	06

Functional description → Page 415.

Equipotential bonding socket



Equipotential bonding socket, 2-gang

	Order no.	Packing unit	PS
cream white glossy	**0405 01**	1/5	01
pure white glossy	**0405 03**	1/5	01
pure white matt	**0405 27**	1/5	01
anthracite	**0405 28**	1/5	11
colour aluminium	**0405 26**	1/5	11

For the connection of medical devices. DIN 42 801.
Connectable line diameter: 6 to 10 mm^2.
Pin-jack plug bracket 044757 → Page 72.



Pin-jack plug bracket DIN 42 801 for equipotential bonding socket

	Order no.	Packing unit	PS
For lines up to 6 mm^2	**044757**	5/25	01

With yellow insulating bush.
Equipotential bonding socket 0405 ... → Page 72.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

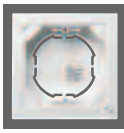
Surface-mounted



Surface-mounted housing, flat design

Standard 55			
cream white glossy	**0219 01**	1	01
pure white glossy	**0219 03**	1	01
pure white matt	**0219 04**	1	01

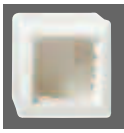
For push buttons with low voltage up to 42 V and radio wall transmitter insert. Not suitable for cable and duct entry. Scope of supply does not include cover frame.
Suitable for:
Cover frame Standard 55, 1-gang → Page 82.
Push button for low voltage up to 42 V 0138 01, 0138 03, 0138 27, 0153 01, 0153 03, 0153 27 → Page 36.
Radio wall transmitter insert 0511 00 → Page 543.



Surface-mounted housing, flat design

E2, Event, Esprit			
pure white glossy	**0219 29**	1	01
pure white matt	**0219 27**	1	01
anthracite	**0219 28**	1	11
colour aluminium	**0219 26**	1	11

For push buttons with low voltage up to 42 V and radio wall transmitter insert. Not suitable for cable and duct entry. Scope of supply does not include cover frame.
Fits:
cover frame, 1-gang E2, Event, Esprit 0211 ...
Push buttons for low voltage up to 42 V 0138 .., 0153 .. → Page 36.
Radio wall transmitter insert 0511 00 → Page 543.

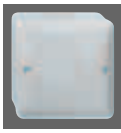


Surface-mounted housing with Standard 55 cover frame

1-gang			
cream white glossy	**0061 01**	10	13
pure white glossy	**0061 03**	10	13
2-gang			
cream white glossy	**0062 01**	5	13
pure white glossy	**0062 03**	5	13
3-gang			
cream white glossy	**0063 01**	1	13
pure white glossy	**0063 03**	1/10	13

With cable and duct entry. With Standard 55, rocker switches, push buttons and SCHUKO socket outlets with hinged covers are generally protected from dripping water (IP 21) on the wall in conjunction with these housings. (Key switches and three-stage switches cannot be installed in this housing.)

	Order no.	Packing unit	PS



Junction box protected from dripping water (IP 31)

cream white	**0070 01**	1	01
pure white	**0070 03**	1	01

With 3 cable and duct entries.



Cable duct

cream white	**0009 01**	5	01
pure white	**0009 03**	5	01

Profile 55



	Order no.	Packing unit	PS
1-gang			
pure white (lacquered)	**1361 27**	1	17
Aluminium	**1361 26**	1	17
2-gang			
pure white (lacquered)	**1362 27**	1	17
Aluminium	**1362 26**	1	17
3-gang			
pure white (lacquered)	**1363 27**	1	17
Aluminium	**1363 26**	1	17
5-gang			
pure white (lacquered)	**1364 27**	1	17
Aluminium	**1364 26**	1	17
5-gang 600 mm			
pure white (lacquered)	**1365 27**	1	17
Aluminium	**1365 26**	1	17
8-gang			
pure white (lacquered)	**1366 27**	1	17
Aluminium	**1366 26**	1	17

Functional description and additional products Profile 55 → Page 240.

Other



Sealing set IP 44 for rocker switches and push rockers

	Order no.	Packing unit	PS
Standard 55, E2	**0251 27**	5	01

In conjunction with the sealing set and Standard 55 cover frame, 1 to 5-gang and E2 cover frame, 1 to 5-gang, rocker switches and push rockers from System 55 can be installed water-protected and flush-mounted IP 44 (not for series or double 2-way switches).
Cover frames Standard 55, 1 to 5-gang, 0211 .. to 0215 .. → Page 82.
Cover frames E2, 1 to 5-gang, 0211 .. to 0215 .. → Page 88.



Sealing set IP 44 for socket outlets with hinged cover

	Order no.	Packing unit	PS
Standard 55, E2	**0252 27**	5	01

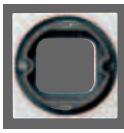
In conjunction with the sealing set and Standard 55 cover frame, 1 to 5-gang, and E2 cover frame, 1 to 5-gang, SCHUKO socket outlets with a hinged cover and socket outlets with an earth pin and hinged cover from System 55 can be installed water-protected and flush-mounted IP 44.
SCHUKO socket outlet with hinged cover 0414 .., 0454 .. → Page 44.
Socket outlet with earth pin and hinged cover 0488 .. → Page 40.
Cover frames Standard 55, 1 to 5-gang, 0211 .. to 0215 .. → Page 82.
Cover frames E2, 1 to 5-gang, 0211 .. to 0215 .. → Page 88.



Cover plate for light signal

	Order no.	Packing unit	PS
cream white glossy	**0660 01**	1	01
pure white glossy	**0660 03**	5	01
pure white matt	**0660 27**	1	01
anthracite	**0660 28**	1	11
colour aluminium	**0660 26**	1	11

Light signal insert (E 10) 0160 00 → Page 292.
Light signal insert 0161 00 → Page 292.
Flat covering caps, can be inserted, 0801 20, 0803 20, 0804 20, 0806 20, 0807 20 → Page 292.



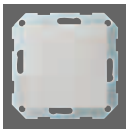
Cover plate with bayonet lock for light signal

	Order no.	Packing unit	PS
cream white glossy	**0659 01**	1	01
pure white glossy	**0659 03**	1	01
pure white matt	**0659 27**	1	01
anthracite	**0659 28**	1	11
colour aluminium	**0659 26**	1	11

Light signal insert 0161 00 → Page 292.
Covering caps with bayonet lock 0801 01, 0803 01, 0804 01, 0806 01 → Page 292.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Blind cover plate with support ring

cream white glossy	**0268 01**	10/100	01
pure white glossy	**0268 03**	10/100	01
pure white matt	**0268 27**	10/100	01
anthracite	**0268 28**	10/100	11
colour aluminium	**0268 26**	10/100	11
Bronze	**0268 603**	5	11
Brass	**0268 604**	5	11

For screw attachment.



Flush-mounted stove-connection box up to 2.5 mm²

Up to 2.5 mm²	**017156**	1	02

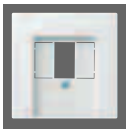
Not shatter-proof. Super-flat with 5 x 2.5 mm² double terminals with only one central claw attachment screw.



Surface-mounted and flush-mounted socket outlet for cooker

	017121	1	02

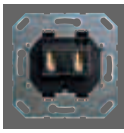
Not shatter-proof. With 5 x 2.5 mm² double terminals for screw and claw attachment as flush-mounted model for 60 mm and 70 mm flush-mounted boxes.



Cover plate for TAE, USB

cream white glossy	**0276 01**	5	01
pure white glossy	**0276 03**	10/100	01
pure white matt	**0276 27**	10/100	01
anthracite	**0276 28**	5	11
colour aluminium	**0276 26**	5	11
with inscription space			
cream white glossy	**0876 01**	1	01
pure white glossy	**0876 03**	1	01
pure white matt	**0876 27**	1	01
anthracite	**0876 28**	1	11
colour aluminium	**0876 26**	1	11

Suitable for all common TAE connection boxes.
USB power supply 2359 00 → Page 75.
Inscription sheets 1455 00 → Page 294.



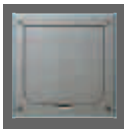
USB power supply 2-gang

	2359 00	1/5	02

Power supply with integrated plug connector, USB type A. Suitable as charging device, e. g. for mobile phones and similar devices. Simultaneous charging of 2 devices is possible.

Charging current:	2 x 700 mA / 1 x 1400 mA
Primary rated voltage:	100 - 240 V AC, 50 Hz
Secondary rated voltage:	5 V
Temperature range:	0 °C to +40 °C
Standby power:	≤ 0,3 W

Suitable for cover plate 0276 .., 0876 .. → Page 75.



Floor empty housing, flush-mounted

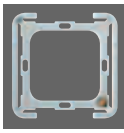
Die cast aluminium	**0118 00**	1	17
Matt stainless steel [1)1)]	**0118 20**	1/18	17

Floor empty housing for accommodation of flush-mounted devices with support ring fixing from the installation and communications technology sector (e.g. socket outlets, socket outlets with full plate, TAE connection boxes etc.).
For complete units the housings can be mounted in rows to all sides with rear fixing clamps. When recessing in floors, drainage of any ingress of water must be ensured via the pushout in the lower section.

Protection type:	IP 41
Upper section with die-cast aluminium hinged cover	W x H x D
Dimensions:	112 x 112 x 61,5 mm
Upper section with matt stainless steel hinged cover	W x H x D
Dimensions:	112 x 112 x 63,9 mm

[1)] Brass alloy, GK - Cu Al9 Ni

i 10



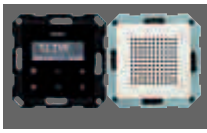
Adapter support ring 80 x 80 mm

Adapter support ring 80 x 80 mm	**2849 00**	1	29

For integration of Gira functions with support ring 71 x 71 mm.

	Order no.	Packing unit	PS

RDS flush-mounted radio



RDS flush-mounted radio with a loudspeaker

Operating top unit in black glass appearance System 55

cream white glossy	**2280 01**	1	03
pure white glossy	**2280 03**	1	03
pure white matt	**2280 27**	1	03
anthracite	**2280 28**	1	03
colour aluminium	**2280 26**	1	03
Black glass appearance	**2280 05**	1	03

Operating top unit in black glass appearance, complete with cover frame E2 pure white glossy

pure white glossy	**0495 72**	1	03

FM radio with RDS display for flush-mounted installation.
The flush-mounted RDS radio consists of a radio insert with operating top unit and loudspeaker insert with cover plate. The radio insert is compactly mounted in a flush-mounted insert and can therefore be installed in a single flush-mounted device box. The loudspeaker can be installed in combination with the radio insert or offset in a flush-mounted box. Two loudspeakers can be connected to the radio insert. The radio automatically detects connected loudspeakers and switches between stereo and mono mode.
With a corresponding RDS signal, the display of the operating top unit shows the station name, the transmission frequency and the time. Operation of the radio is via the capacitive buttons of the operating top unit. Operation only requires a light touching of the symbols.
The flush-mounted RDS radio has two station presets, upon each of which a station setting can be saved and called up with the press of a button.
For example, the radio can be switched on via the auxiliary input with a light switch or automatic control switch together with the room lighting.
External audio sources, for example an MP3 player, can be fed into the radio via the stereo AUX input of the radio. For connection to the external audio source, an additional cinch insert is required which is connected to the AUX terminals of the radio insert.
In sleep mode the radio switches off automatically 30 minutes after switching on.
Note: reception interference can result in combination with additional electronic devices under one cover plate.

Power supply:	AC 230 V
Connection:	screw terminals 2.5 mm^2 (mains connection) 1.5 mm^2 (loudspeaker/AUX connection)
Temperature range:	-5 °C to +50 °C
Protection type:	IP 20
Frequency range:	87.50 to 107.90 MHz

Loudspeaker 2282 .. → Page 76.
Cinch audio inserts → Page 409.

i 32

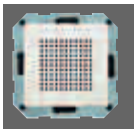
	Order no.	Packing unit	PS



RDS flush-mounted radio

cream white glossy	**2284 01**	1	03
pure white glossy	**2284 03**	1	03
colour aluminium	**2284 26**	1	03
Black glass appearance	**2284 05**	1	03

Functional description see 2280 .. → Page 76.
Loudspeaker 2282 .. → Page 76.
Cinch audio inserts → Page 409.



Loudspeaker RDS flush-mounted radio

cream white glossy	**2282 01**	1	03
pure white glossy	**2282 03**	1	03
pure white matt	**2282 27**	1	03
anthracite	**2282 28**	1	03
colour aluminium	**2282 26**	1	03
Black glass appearance	**2282 05**	1	03

Loudspeaker for connection to the Gira RDS flush-mounted radio.

Temperature range:	-5 °C to +50 °C
Protection type:	IP 20

RDS flush-mounted radio with a loudspeaker 2280 .. → Page 76.
RDS flush-mounted radio 2284 .. → Page 76.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Radio energy and weather display



Radio energy and weather display

Display language: English

cream white glossy	**2360 01**	1	03
pure white glossy	**2360 03**	1	03
pure white matt	**2360 27**	1	03
anthracite	**2360 28**	1	03
colour aluminium	**2360 26**	1	03

Radio display device for weather and energy data. Can be integrated in System 55, E22 and Gira F100. Menu language: German or English. The display is via symbols and letters. The energy and weather display can be positioned randomly in the house thanks to its battery supply, and a 230 V~ power supply unit **2355 00** can optionally be inserted into the battery compartment. Connection of up to 7 sensors (1 outside temperature sensor, 1 LAN adapters, up to 3 energy measurement adapters, 1 electricity meter sensor, 1 gas meter sensor).

Functions:

- Display of indoor temperature and humidity.
- Display of outdoor temperature and humidity (requires outside temperature sensor **2351 02**).
- Display of weather forecast (via a portal) (requires LAN Adapter **2352 02**).
- Display of energy measurement data (individual consumers) (requires energy measurement adapter**2353 02**).
- Display of energy measurement data (electricity and gas of complete house) (requires electricity meter sensor **2356 02** and gas meter sensor **2357 02**).
- Display of date when no sensors for energy measurement are connected.
- Display of individual sensor synchronisation.

4 buttons are available for operation and configuration.

Operating buttons:

- Button „Weather“ (displays the time period of the weather forecast)
- Button „Sensor“ (displays the set sensor)
- Button „Energy“ (displays the measuring interval of the sensor)
- Button „Unit“ (displays the unit of the energy data)

Settings are not lost when batteries are replaced. Saved data and assigned sensors are maintained. Internal clock continues for approx. 5 minutes.

	Order no.	Packing unit	PS

Dimensions:	W x H x D 55 x 127 x 19 mm
Power supply:	3 V DC
Batteries:	2 x 1.5 V round batteries (AA or LR6) (batteries included in the scope of supply are consumables and must be replaced regularly. Please observe the regulations when disposing of used batteries.)
Temperature measurement range:	0 °C to +50 °C
Current consumption:	approx. 140 µA
Reception frequency:	868.35 MHz
Range:	100 m (in free field)

Outdoor sensor 2351 02 → Page 78.
LAN adapter 2352 02 → Page 78.
Energy adapter 2353 02 → Page 78.
Electricity meter sensor 2356 02 → Page 78.
LED sensor 2349 02 → Page 79.
Gas meter sensor 2357 02 → Page 79.
Power supply unit 230 V 2355 00 → Page 79.

	Order no.	Packing unit	PS



Outdoor sensor
Radio energy and weather display

	2351 02	1	03

Outdoor sensor for measurement of temperature and relative humidity. Transmission of measurement values is via radio telegram to the radio energy and weather display. Weather-resistant housing for surface-mounting. Assignments to the display device are maintained when batteries are replaced. Mounting base and mounting material included in scope of supply.

Dimensions:	W x H x D 38 x 138 x 20 mm
Temperature measurement range:	-30 °C to +70 °C
Measurement range of relative humidity:	+5 % to +95 %
Operating voltage:	3 V DC
Batteries:	2 x 1.5 V round batteries (AA or LR6) (batteries included in the scope of supply are consumables and must be replaced regularly. Please observe the regulations when disposing of used batteries.)
Protection type:	IP 44
Transmission frequency:	868.35 MHz
Range:	100 m (in free field)

Radio energy and weather display (display: English) 2360 .. → Page 77.



LAN adapter
Radio energy and weather display

pure white	**2352 02**	1	03

The LAN adapter logs in independently into an internet portal (precondition: an internet connection) and queries weather data, date and current time. These data are transmitted to the radio energy and weather display via radio telegram. The LAN adapter has an LED status display and an ethernet socket, and is plugged into a 230 V~ socket outlet indoors. Configuration is via PC software (for Windows XP®, Vista®, Windows 7®) in the local network.

Dimensions:	W x H x D 55 x 125 x 30 mm (without plug)
Operating voltage:	230 V~ AC, 50 to 60 Hz
Local network according to:	Cat. 5/Cat. 6
Transmission frequency:	868.35 MHz
Range:	100 m (in free field)
Standby power:	≤ 1 W

Radio energy and weather display (display: English) 2360 .. → Page 77.

	Order no.	Packing unit	PS



Energy adapter
Radio energy and weather display

pure white	**2353 02**	1	03

The energy adapter enables measuring the power consumption of selected devices, and transmits these data via radio telegram to the radio energy and weather display. The energy adapter is inserted as an intermediate plug into a 230 V~ socket outlet indoors. The device has an operating button for the assignment process and an LED status display.

Note: not suitable for determination of measurement data for control tasks.

Dimensions:	W x H x D 55 x 125 x 30 mm
Operating voltage:	230 V~ AC, 50 to 60 Hz
Transmission frequency:	868.35 MHz
Range:	100 m (in free field)
Standby power:	≤ 1 W

Radio energy and weather display (display: English) 2360 .. → Page 77.



Electricity meter sensor
Radio energy and weather display

	2356 02	1	03

The electricity meter sensor measures electricity consumption directly at the electricity meter and transmits this consumption data to the radio energy and weather display per radio telegram. Transmitting unit with status LED and mini display, sensor (optical) for all Ferraris meters.

Dimensions:	L x W x H 105 x 67 x 30 mm
Power supply:	6 V DC
Batteries:	4 x 1.5 V AA round batteries, (LR6) (batteries included in the scope of supply are consumables and must be replaced regularly. Please observe the regulations when disposing of used batteries.)
Connection possibilities for sensors:	RJ11 socket
Installation of transmitting unit:	screw fastening next to meter
Installation of sensor:	with adhesive pads to meter
Range:	100 m (in free field)

Radio energy and weather display (display: English) 2360 .. → Page 77.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



LED sensor
Radio energy and weather display

	2349 02	1	03

New. Available starting February 2013.

The LED sensor measures electricity consumption directly at the electronic household meter and transmits this consumption data to the radio energy and weather display per radio telegram. Transmitting unit with status LED and mini display, sensor (visual) for all electronic household meters with pulse LED.

Dimensions:	L x W x H 105 x 67 x 30 mm
Power supply:	6 V DC
Batteries:	4 x 1.5 V AA round batteries, (LR6) (batteries included in the scope of supply are consumables and must be replaced regularly. Please observe the regulations when disposing of used batteries.)
Connection possibilities for sensors:	RJ11 socket
Installation of transmitting unit:	screw fastening next to meter
Installation of sensor:	with adhesive pad to meter
Range:	100 m (in free field)

Radio energy and weather display (display: English) 2360 .. → Page 77.



Gas meter sensor
Radio energy and weather display

	2357 02	1	03

The gas meter sensor records the gas consumption directly at the gas meter and transmits the consumption data via radio telegram to the radio energy and weather display. Transmitting unit with status LED and mini display, sensor (magnetic) for diaphragm gas meters with magnet controllers (from Elster).

Dimensions:	L x W x H 105 x 67 x 30 mm
Power supply:	6 V DC
Batteries:	4 x 1.5 V AA round batteries, (LR6) (batteries included in the scope of supply are consumables and must be replaced regularly. Please observe the regulations when disposing of used batteries.)
Connection possibilities for sensors:	RJ11 socket
Installation of transmitting unit:	screw fastening next to meter
Installation of sensor:	screw fastening
Range:	100 m (in free field)

Radio energy and weather display (display: English) 2360 .. → Page 77.

	Order no.	Packing unit	PS



Power supply unit 230 V~
Radio energy and weather display

	2355 00	1	03

Power supply unit for insertion into the battery compartment of the radio energy and weather display.

Input voltage:	230 V~ AC
Rated output voltage:	3 V/300 mA
Dimensions:	L x W x H 51 x 29 x 14 mm

Radio energy and weather display (display: English) 2360 .. → Page 77.

With its form featuring simple modelling the Gira Standard 55 is a range for many everyday applications. The high-quality material makes it easy to care for and particularly resistant to wear.

Gira Standard 55 is an extremely functional basic range for safe, convenient and economical electrical installation.

Cover frames
Suitable for vertical and horizontal installation

Dimensions (H × W, mm)
1-gang: 80.7 × 80.7
2-gang: 151.8 × 80.7
3-gang: 223.3 × 80.7
4-gang: 294.6 × 80.7
5-gang: 365.9 × 80.7
Corner radius: R = 4

Material
Thermoplastic (polycarbonate, PC), shock-resistant and shatter-proof, halogen-free, UV-resistant, easy-care surface

Colours and surfaces
Pure white matt (similar to RAL 9010), pure white glossy (similar to RAL 9010), cream white glossy (similar to RAL 9001)

Surface-mounted installation
1-gang to 3-gang in pure white glossy and cream white glossy; including 15 × 15 mm channels and fittings

Protection type
IP 20,
IP 44 (when special sealing sets are used)

Design
Phoenix Design, Stuttgart



4



5



6



7

Gira Standard 55
System 55

Gira Standard 55

Cover frames	82
Cover frames, inscribable	83
Stove connection boxes, device connection boxes	84
Name plate/door plate	84
Other	85

System 55 central inserts and cover plates	26
Flush-mounted inserts and accessories	270

1 Pure white matt
2 Pure white glossy
3 Cream white glossy


1


2


3

Gira Standard 55,
pure white glossy

4
Hygrostat

5
Network connection box
HomePlugAV

6
Surface-mounted home station

7
Energy and weather display
Radio

8
2-gang combination
push switch/HNA socket outlet
with child protection


8

Cover frames for combinations vertical and horizontal, shatter-proof



	Order no.	Packing unit	PS
1-gang cream white glossy	**0211 01**	10/100	21
2-gang cream white glossy	**0212 01**	10/100	21
3-gang cream white glossy	**0213 01**	10/100	01
4-gang cream white glossy	**0214 01**	1/5	01
5-gang cream white glossy	**0215 01**	1/5	01



	Order no.	Packing unit	PS
1-gang pure white glossy	**0211 03**	10/100	21
2-gang pure white glossy	**0212 03**	10/100	21
3-gang pure white glossy	**0213 03**	10/100	01
4-gang pure white glossy	**0214 03**	1/5	01
5-gang pure white glossy	**0215 03**	1/5	01



	Order no.	Packing unit	PS
1-gang pure white matt	**0211 04**	10/100	21
2-gang pure white matt	**0212 04**	10/100	21
3-gang pure white matt	**0213 04**	10/100	01
4-gang pure white matt	**0214 04**	1/5	01
5-gang pure white matt	**0215 04**	1/5	01

Also suitable for duct installations.
In conjunction with a sealing set, also suitable for installation as water-protected and flush-mounted IP 44.
Shatter-proof.
Sealing set IP 44 for rocker switches and push rockers 0251 27 → Page 85.
Sealing set IP 44 for SCHUKO socket outlets with hinged cover and socket outlets with earth pin and hinged cover 0252 27 → Page 85.

Cover frames for combinations vertical and horizontal, without crossbar, shatter-proof



	Order no.	Packing unit	PS
2-gang cream white glossy	**1002 01**	10	01



	Order no.	Packing unit	PS
2-gang pure white glossy	**1002 03**	10	01



	Order no.	Packing unit	PS
2-gang pure white matt	**1002 04**	10	01

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Name plate/door plate 2-gang 1072 .. → Page 84.
Energy and weather display 2360 .. → Page 77.

The delivery results subject to countries specific assortments.

Cover frames for combinations vertical/horizontal, shatter-proof, can be labelled



	Order no.	Packing unit	PS
1-gang cream white glossy	**1091 01**	10	01
2-gang horizontal cream white glossy	**1092 01**	10	01
2-gang vertical cream white glossy	**1102 01**	10	01
3-gang horizontal cream white glossy	**1093 01**	1/5	01
3-gang vertical cream white glossy	**1103 01**	1/5	01
4-gang horizontal cream white glossy	**1094 01**	1/5	01
4-gang vertical cream white glossy	**1114 01**	1/5	01
5-gang horizontal cream white glossy	**1095 01**	1/5	01
5-gang vertical cream white glossy	**1115 01**	1/5	01



	Order no.	Packing unit	PS
1-gang pure white glossy	**1091 03**	10	01
2-gang horizontal pure white glossy	**1092 03**	10	01
2-gang vertical pure white glossy	**1102 03**	10	01
3-gang horizontal pure white glossy	**1093 03**	10	01
3-gang vertical pure white glossy	**1103 03**	1/5	01
4-gang horizontal pure white glossy	**1094 03**	1/5	01
4-gang vertical pure white glossy	**1114 03**	1/5	01
5-gang horizontal pure white glossy	**1095 03**	1/5	01
5-gang vertical pure white glossy	**1115 03**	1/5	01



	Order no.	Packing unit	PS
1-gang pure white matt	**1091 27**	10	01
2-gang horizontal pure white matt	**1092 27**	10	01
2-gang vertical pure white matt	**1102 27**	10	01
3-gang horizontal pure white matt	**1093 27**	1/5	01
3-gang vertical pure white matt	**1103 27**	1/5	01
4-gang horizontal pure white matt	**1094 27**	1/5	01
4-gang vertical pure white matt	**1114 27**	1/5	01
5-gang horizontal pure white matt	**1095 27**	1/5	01
5-gang vertical pure white matt	**1115 27**	1/5	01

Shatter-proof.
Cover frames with transparent view window for labelling of inserts. Especially suitable for buildings in which the electrical installation must be identified and documented, for example in managerial centres, industrial operations, airports, companies and hospitals. Spray-proof.
Not to be used with:
IP 44 sealing set, surface-mounted housing with flat design, surface-mounted housing.
Inscription sheets 1455 00 → Page 294.

	Order no.	Packing unit	PS

Stove-connection boxes, device-connection outlets



Flush-mounted stove-connection box up to 2.5 mm²

Up to 2.5 mm²	**017156**	1	02

Not shatter-proof. Super-flat with 5 x 2.5 mm² double terminals with only one central claw attachment screw.



Surface-mounted and flush-mounted socket outlet for cooker

	017121	1	02

Not shatter-proof. With 5 x 2.5 mm² double terminals for screw and claw attachment as flush-mounted model for 60 mm and 70 mm flush-mounted boxes.

	Order no.	Packing unit	PS

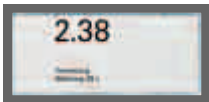
Name plate/door plate



Name plate/door plate

1-gang			
pure white	**1071 00**	1	01

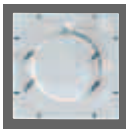
Name plate/door plate for rooms. Consisting of a base plate and a transparent, attachable cover plate. Two options for attachment are available:
Screwing on:
The base plate of the name plate/door plate is attached to the wall with the included screws/plugs.
Adhesion:
The base plate is attached to smooth surfaces, e.g. coated doors, with the accompanying sticky points.
The 51 x 51 mm label carrier can be exchanged with ease. Simply pull off the transparent cover plate and exchange the insert. The inscription sheets can be printed with all conventional printers.
Base plate for Standard 55, E22, 1-gang 1081 02 → Page 84.
Labelling sheet 1085 00 → Page 85.



Name plate/door plate

2-gang			
pure white	**1072 00**	5	01

Inscription label used as an orientation aid or for identifying rooms in public buildings or office complexes. The large name plate/door plate is inserted in the Standard 55, Event, E2, E22 or Gira F100 2-gang cover frame without crossbar.
Consisting of a base plate and a transparent, attachable cover plate. Two options for attachment are available:
Screwing on:
The base plate of the name plate/door plate is attached to the wall with the included screws/plugs.
Adhesion:
The base plate is attached to smooth surfaces, e.g. metal doors, with the accompanying sticky points. For installation on glass surfaces, the name plate/door plate is adhered to a (separately available) base plate due to optical reasons. The 51 x 122 mm label carrier can be exchanged with ease. Simply pull off the transparent cover plate and exchange the insert. The inscription sheets can be printed by almost any B/W or colour printer.
Base plate for Standard 55, E22, 2-gang 1082 02 → Page 84.
Labelling sheet 1085 00 → Page 85.



Base plate for Standard 55, E2, E22 cover frames for name plate/door plate

1-gang			
pure white	**1081 02**	1	11
2-gang			
pure white	**1082 02**	10	11

The self-adhesive base plate is an adapter plate for the attachment of the name plate/door plate to smooth, transparent, surfaces, e.g. glass panes. The base plate affords an aesthetically pleasing closure on the back.
Name plate/door plate 1-gang 1071 .. → Page 84.
Name plate/door plate 2-gang 1072 .. → Page 84.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Inscription sheets for name plate/door plate

	1085 00	1	01

Insert for the name plate/door plate in DIN A4 size. The material thickness is optimally suitable for the plate. This prevents waving, as can occur with common copier paper. The inscription sheets can be printed by almost any B/W or colour printer.
Scope of supply: 10 sheets

Name plate/door plate 1-gang 1071 .. → Page 84.
Name plate/door plate 2-gang 1072 .. → Page 84.

	Order no.	Packing unit	PS

Other



Sealing set IP 44 for rocker switches and push rockers

Standard 55, E2

	0251 27	5	01

In conjunction with the sealing set and Standard 55 cover frame, 1 to 5-gang and E2 cover frame, 1 to 5-gang, rocker switches and push rockers from System 55 can be installed water-protected and flush-mounted IP 44 (not for series or double 2-way switches).
Cover frames Standard 55, 1 to 5-gang, 0211 .. to 0215 .. → Page 82.
Cover frames E2, 1 to 5-gang, 0211 .. to 0215 .. → Page 88.



Sealing set IP 44 for socket outlets with hinged cover

Standard 55, E2

	0252 27	5	01

In conjunction with the sealing set and Standard 55 cover frame, 1 to 5-gang, and E2 cover frame, 1 to 5-gang, SCHUKO socket outlets with a hinged cover and socket outlets with an earth pin and hinged cover from System 55 can be installed water-protected and flush-mounted IP 44.
SCHUKO socket outlet with hinged cover 0414 .., 0454 .. → Page 44.
Socket outlet with earth pin and hinged cover 0488 .. → Page 40.
Socket outlet with CEBEC earth pin and hinged cover 0488 .. → Page 40.
Cover frames Standard 55, 1 to 5-gang, 0211 .. to 0215 .. → Page 82.
Cover frames E2, 1 to 5-gang, 0211 .. to 0215 .. → Page 88.

The Gira E2 switch range combines minimal design with functional material. In addition to the colour tones aluminium and anthracite, pure white is also available in two different surfaces: pure white glossy and pure white matt.

In daily use, the material thermoplastic is characterised by rugged durability. It is shatter-proof, UV-resistant and has an easy-care surface.

Cover frames
Suitable for vertical and horizontal installation

Dimensions
(H × W, mm)
1-gang: 80.8 × 80.8
2-gang: 151.9 × 80.8
3-gang: 223.4 × 80.8
4-gang: 294.7 × 80.8
5-gang: 366.0 × 80.8
Corner radius: R = 0.5

Material
Thermoplastic (polycarbonate, PC), shock-resistant and shatter-proof, halogen-free, UV-resistant

Colours and surfaces
Pure white matt
(similar to RAL 9010),
pure white glossy
(similar to RAL 9010),
anthracite,
colour aluminium (lacquered)

Protection type
IP 20,
IP 44 (when special sealing sets are used)

Design
Gira, Radevormwald

Design awards
International Design Award 1998,
Design Center Stuttgart

iF product design award 1999,
iF Design Hannover

red dot award 1999,
Design Zentrum NRW

1
Inscribable cover frame, spraywater resistant, Gira E2, pure white glossy



1



6



7



8



9

Gira E2
System 55

Gira E2

Cover frames	88
Cover frame, inscribable	89
Cover frame, inscribable, spraywater resistant	90
Name plate/door plate	91
Other	91

System 55 central inserts and cover plates	26
Flush-mounted inserts and accessories	270

2 Pure white matt
3 Pure white glossy
4 Colour aluminium
5 Anthracite


2


3


4


5

Gira E2,
colour aluminium

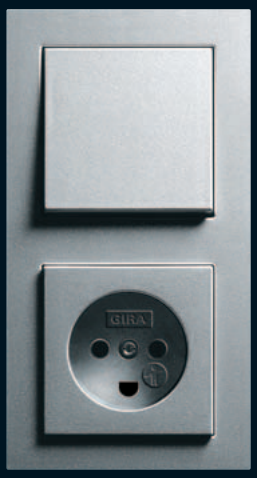
6
Ambient air sensor CO_2

7
Surface-mounted
home station video

8
Push button sensor 3 Plus
2-gang and push button sensor 3
Comfort 3-gang

9
Automatic control
switches 2 Comfort
for high installation areas

10
2-gang combination
push switch/Danish socket outlet
with protective contact



10

Cover frames for combinations vertical and horizontal, shatter-proof



	Order no.	Packing unit	PS
1-gang pure white glossy	**0211 29**	10/100	01
2-gang pure white glossy	**0212 29**	10/100	01
3-gang pure white glossy	**0213 29**	1/5	01
4-gang pure white glossy	**0214 29**	1/5	01
5-gang pure white glossy	**0215 29**	1/5	01



	Order no.	Packing unit	PS
1-gang pure white matt	**0211 22**	10	01
2-gang pure white matt	**0212 22**	10/100	01
3-gang pure white matt	**0213 22**	1/5	01
4-gang pure white matt	**0214 22**	1/5	01
5-gang pure white matt	**0215 22**	1/5	01



	Order no.	Packing unit	PS
1-gang anthracite	**0211 23**	10	11
2-gang anthracite	**0212 23**	10/100	11
3-gang anthracite	**0213 23**	1/5	11
4-gang anthracite	**0214 23**	1/5	11
5-gang anthracite	**0215 23**	1/5	11



	Order no.	Packing unit	PS
1-gang colour aluminium	**0211 25**	10/100	11
2-gang colour aluminium	**0212 25**	10/100	11
3-gang colour aluminium	**0213 25**	1/5	11
4-gang colour aluminium	**0214 25**	1/5	11
5-gang colour aluminium	**0215 25**	1/5	11

Also suitable for duct installations.
In conjunction with a sealing set, also suitable for installation as water-protected and flush-mounted IP 44.
Shatter-proof.
Sealing set IP 44 for rocker switches and push rockers 0251 27 → Page 91.
Sealing set IP 44 for SCHUKO socket outlets with hinged cover and socket outlets with earth pin and hinged cover 0252 27 → Page 91.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, without crossbar, shatter-proof



2-gang pure white glossy	**1002 29**	10	01



2-gang pure white matt	**1002 22**	10	01



2-gang anthracite	**1002 23**	10	11



2-gang colour aluminium	**1002 25**	10	11

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Name plate/door plate 2-gang 1072 .. → Page 91.
Energy and weather display 2360 .. → Page 77.

	Order no.	Packing unit	PS

Cover frames for combinations vertical/horizontal, shatter-proof, can be labelled



1-gang pure white	**0711 22**	10	01
2-gang pure white	**0712 22**	10	01
3-gang pure white	**0713 22**	1/5	01

Transparent cover frame which can be continuously labelled. Especially suitable for objects in which the electrical installation must be identified and documented, for example in managerial centres, industrial operations, airports, companies and hospitals.
Shatter-proof.
Labelling sheets for 1-gang cover frames 1411 00 → Page 294.
Labelling sheets for 2-gang cover frames 1412 00 → Page 294.
Labelling sheets for 3-gang cover frames 1413 00 → Page 294.

Cover frames for combinations, spray-proof vertical/horizontal, shatter-proof, inscribable



	Order no.	Packing unit	PS
1-gang	**1091 29**	10	01
2-gang horizontal pure white glossy	**1092 29**	10	01
2-gang vertical pure white glossy	**1102 29**	10	01
3-gang horizontal pure white glossy	**1093 29**	1	01
3-gang vertical pure white glossy	**1103 29**	1	01
4-gang horizontal pure white glossy	**1094 29**	1	01
4-gang vertical pure white glossy	**1114 29**	1	01
5-gang horizontal pure white glossy	**1095 29**	1	01
5-gang vertical pure white glossy	**1115 29**	1	01



	Order no.	Packing unit	PS
1-gang pure white matt	**1091 22**	10	01
2-gang horizontal pure white matt	**1092 22**	10	01
2-gang vertical pure white matt	**1102 22**	10	01
3-gang horizontal pure white matt	**1093 22**	1	01
3-gang vertical pure white matt	**1103 22**	1	01
4-gang horizontal pure white matt	**1094 22**	1	01
4-gang vertical pure white matt	**1114 22**	1	01
5-gang horizontal pure white matt	**1095 22**	1	01
5-gang vertical pure white matt	**1115 22**	1	01



	Order no.	Packing unit	PS
1-gang anthracite	**1091 23**	10	11
2-gang horizontal anthracite	**1092 23**	10	11
2-gang vertical anthracite	**1102 23**	10	11
3-gang horizontal anthracite	**1093 23**	1	11
3-gang vertical anthracite	**1103 23**	1	11
4-gang horizontal anthracite	**1094 23**	1	11
4-gang vertical anthracite	**1114 23**	1	11
5-gang horizontal anthracite	**1095 23**	1	11
5-gang vertical anthracite	**1115 23**	1	11



	Order no.	Packing unit	PS
1-gang colour aluminium	**1091 25**	10	11
2-gang horizontal colour aluminium	**1092 25**	10	11
2-gang vertical colour aluminium	**1102 25**	10	11
3-gang horizontal colour aluminium	**1093 25**	1	11
3-gang vertical colour aluminium	**1103 25**	1	11
4-gang horizontal colour aluminium	**1094 25**	1	11
4-gang vertical colour aluminium	**1114 25**	1	11
5-gang horizontal colour aluminium	**1095 25**	1	11
5-gang vertical colour aluminium	**1115 25**	1	11

Shatter-proof.
Cover frames with transparent view window for labelling of inserts. Especially suitable for buildings in which the electrical installation must be identified and documented, for example in managerial centres, industrial operations, airports, companies and hospitals. Spray-proof.
Not to be used with:
IP 44 sealing set, surface-mounted housing with flat design, surface-mounted housing.
Inscription sheets 1455 00 → Page 294.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

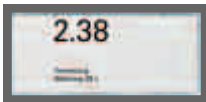
Name plate/door plate



Name plate/door plate

1-gang			
pure white	**1071 00**	1	01

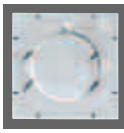
Name plate/door plate for rooms. Consisting of a base plate and a transparent, attachable cover plate. Two options for attachment are available:
Screwing on:
The base plate of the name plate/door plate is attached to the wall with the included screws/plugs.
Adhesion:
The base plate is attached to smooth surfaces, e.g. coated doors, with the accompanying sticky points.
The 51 x 51 mm label carrier can be exchanged with ease. Simply pull off the transparent cover plate and exchange the insert. The inscription sheets can be printed with all conventional printers.
Base plate for E2, 1-gang 1081 00, 1081 02 → Page 91.
Labelling sheet 1085 00 → Page 91.



Name plate/door plate

2-gang			
pure white	**1072 00**	5	01

Inscription label used as an orientation aid or for identifying rooms in public buildings or office complexes. The large name plate/door plate is inserted in the Standard 55, Event, E2, E22 or Gira F100 2-gang cover frame without crossbar.
Consisting of a base plate and a transparent, attachable cover plate. Two options for attachment are available:
Screwing on:
The base plate of the name plate/door plate is attached to the wall with the included screws/plugs.
Adhesion:
The base plate is attached to smooth surfaces, e.g. metal doors, with the accompanying sticky points. For installation on glass surfaces, the name plate/door plate is adhered to a (separately available) base plate due to optical reasons. The 51 x 122 mm label carrier can be exchanged with ease. Simply pull off the transparent cover plate and exchange the insert. The inscription sheets can be printed by almost any B/W or colour printer.
Base plate for E2, 2-gang 1082 00, 1082 02 → Page 91.
Labelling sheet 1085 00 → Page 91.



Base plate for Standard 55, E2, E22 cover frames for name plate/door plate

1-gang			
pure white	**1081 02**	1	11
black	**1081 00**	1	01
2-gang			
pure white	**1082 02**	10	11
black	**1082 00**	1	01

The self-adhesive base plate is an adapter plate for the attachment of the name plate/door plate to smooth, transparent, surfaces, e.g. glass panes. The base plate affords an aesthetically pleasing closure on the back.
Name plate/door plate 1-gang 1071 .. → Page 91.
Name plate/door plate 2-gang 1072 .. → Page 91.

	Order no.	Packing unit	PS

Inscription sheets for name plate/door plate

1085 00	1	01

Insert for the name plate/door plate in DIN A4 size. The material thickness is optimally suitable for the plate. This prevents waving, as can occur with common copier paper. The inscription sheets can be printed by almost any B/W or colour printer.
Scope of supply: 10 sheets
Name plate/door plate 1-gang 1071 .. → Page 91.
Name plate/door plate 2-gang 1072 .. → Page 91.

Other



Sealing set IP 44 for rocker switches and push rockers

Standard 55, E2			
	0251 27	5	01

In conjunction with the sealing set and Standard 55 cover frame, 1 to 5-gang and E2 cover frame, 1 to 5-gang, rocker switches and push rockers from System 55 can be installed water-protected and flush-mounted IP 44 (not for series or double 2-way switches).
Cover frames Standard 55, 1 to 5-gang, 0211 .. to 0215 .. → Page 82.
Cover frames E2, 1 to 5-gang, 0211 .. to 0215 .. → Page 88.



Sealing set IP 44 for socket outlets with hinged cover

Standard 55, E2			
	0252 27	5	01

In conjunction with the sealing set and Standard 55 cover frame, 1 to 5-gang, and E2 cover frame, 1 to 5-gang, SCHUKO socket outlets with a hinged cover and socket outlets with an earth pin and hinged cover from System 55 can be installed water-protected and flush-mounted IP 44.
SCHUKO socket outlet with hinged cover 0414 .., 0454 .. → Page 44.
Socket outlet with earth pin and hinged cover 0488 .. → Page 40.
Socket outlet with CEBEC earth pin and hinged cover 0488 .. → Page 40.
Cover frames Standard 55, 1 to 5-gang, 0211 .. to 0215 .. → Page 82.
Cover frames E2, 1 to 5-gang, 0211 .. to 0215 .. → Page 88.

Gira Event
System 55

The Gira Event switch range is characterised by its curved forms and a wide colour diversity. There are three design lines, Event, Event Clear and Event Opaque, each with their own particular surface material appearance, and a total of 17 cover frames variants are available.

Gira Event features frames of dyed-through plastic. Four different white and grey tones are available of high quality thermoplastic or coated thermoplastic.

Cover frame/insert variants

1 Pure white/pure white matt
2 Pure white glossy/pure white glossy
3 Colour aluminium/colour aluminium
4 Anthracite/anthracite

Cover frames
Suitable for vertical and horizontal installation

Dimensions (H × W, mm)
1-gang: 90.0 × 90.0
2-gang: 161.1 × 90.0
3-gang: 232.6 × 90.0
4-gang: 303.9 × 90.0
5-gang: 375.2 × 90.0
Corner radius: R = 0.5

Material
Thermoplastic (ABS, PC), shock-resistant and shatter-proof, halogen-free, UV-resistant

Colours and surfaces of the inserts
Pure white matt (similar to RAL 9010), pure white glossy (similar to RAL 9010), cream white glossy (similar to RAL 9001), anthracite, colour aluminium (lacquered)

Cover frame colours Event
Pure white matt (similar to RAL 9010), pure white glossy (similar to RAL 9010), anthracite, colour aluminium (lacquered)

Cover frame colours Event Clear
White, black, green, aubergine, brown, sand

Cover frame colours Event Opaque
White, mint, orange, red, blue, dark brown, amber

Note
Intermediate frames should be chosen to match the inserts. They are available in the colours pure white, anthracite and aluminium.

The intermediate frames for Event Clear brown and Event Clear sand are additionally available in cream white.

Protection type
IP 20

Design
Gira, Radevormwald
Phoenix Design, Stuttgart

Design awards Event Opaque
red dot award 1999, Design Zentrum NRW

Design awards Event Clear
iF product design award 2009, iF Design Hannover

Plus X Award 2009, Design Category

red dot award 2009, Design Zentrum NRW

Product information
www.gira.com/brochures


1


2


3


4



Gira Event,
colour aluminium/anthracite
2-gang combination
push switch/Chinese
socket outlet

Gira Event Clear
System 55

The Gira Event Clear design line features a transparent surface of several millimetres that is then colour-highlighted with a second coloured plastic component. This modifies the incidence of light to give an especially deep appearance with a high-gloss surface.

Gira Event

Cover frames
Gira Event 95
Cover frames
Gira Event Clear 94
Cover frames
Gira Event Opaque 101
Name plate/door plate 105

System 55 central inserts and cover plates 26
Flush-mounted inserts and accessories 270


5


6


7

Cover frame/insert variants

5 White/pure white glossy
6 Black/pure white glossy
7 Green/pure white glossy
8 Brown/cream white glossy
9 Aubergine/colour aluminium
10 Sand/anthracite


8


9


10



Gira Event Clear,
brown/pure white glossy
2-gang combination
push switch/Chinese socket outlet

Gira Event Opaque
System 55

The cover frame variants for Gira Event Opaque are made of opaque, slightly translucent plastic. This renders colours at times brighter and at times darker, according to the incidence of light. The curved form of the frame receding to the edges emphasises this effect.


1


2


3


4

Cover frame/insert variants

1 Mint/pure white glossy
2 Blue/pure white glossy
3 Red/pure white glossy
4 Orange/pure white glossy
5 White/colour aluminium
6 Amber/colour aluminium
7 Brown/anthracite


5


6


7



Gira Event Opaque, white/pure white glossy, 2-gang combination push switch/Chinese socket outlet

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, pure white glossy



for pure white central inserts			
1-gang	**0211 803**	10	01
2-gang	**0212 803**	10	01
3-gang	**0213 803**	1/5	01
4-gang	**0214 803**	1/5	01
5-gang	**0215 803**	1/5	01
for anthracite central inserts			
1-gang	**0211 808**	10	11
2-gang	**0212 808**	10	11
3-gang	**0213 808**	1/5	11
4-gang	**0214 808**	1/5	11
5-gang	**0215 808**	1/5	11
for aluminium central inserts			
1-gang	**0211 806**	10	11
2-gang	**0212 806**	10	11
3-gang	**0213 806**	1/5	11
4-gang	**0214 806**	1/5	11
5-gang	**0215 806**	1/5	11

Shatter-proof.

Cover frames for combinations vertical and horizontal, pure white matt



for pure white central inserts			
1-gang	**0211 327**	10	01
2-gang	**0212 327**	10	01
3-gang	**0213 327**	1/5	01
4-gang	**0214 327**	1/5	01
5-gang	**0215 327**	1/5	01
for anthracite central inserts			
1-gang	**0211 07**	10	11
2-gang	**0212 07**	10	11
3-gang	**0213 07**	1/5	11
4-gang	**0214 07**	1/5	11
5-gang	**0215 07**	1/5	11
for aluminium central inserts			
1-gang	**0211 71**	10	11
2-gang	**0212 71**	10	11
3-gang	**0213 71**	1/5	11
4-gang	**0214 71**	1/5	11
5-gang	**0215 71**	1/5	11

Shatter-proof.

Cover frames for combinations vertical and horizontal, without crossbar, pure white glossy



for pure white central inserts			
2-gang	**1002 803**	10	01
for anthracite central inserts			
2-gang	**1002 808**	10	11
for aluminium central inserts			
2-gang	**1002 806**	10	11

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Name plate/door plate 2-gang 1072 .. → Page 105.
Energy and weather display 2360 .. → Page 77.

Cover frames for combinations vertical and horizontal, without crossbar, pure white matt



for pure white central inserts			
2-gang	**1002 327**	10	01
for anthracite central inserts			
2-gang	**1002 07**	10	11
for aluminium central inserts			
2-gang	**1002 71**	10	11

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Name plate/door plate 2-gang 1072 .. → Page 105.
Energy and weather display 2360 .. → Page 77.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, anthracite



for pure white central inserts			
1-gang	**0211 328**	10	11
2-gang	**0212 328**	10	11
3-gang	**0213 328**	1/5	11
4-gang	**0214 328**	1/5	11
5-gang	**0215 328**	1/5	11
for anthracite central inserts			
1-gang	**0211 08**	10	11
2-gang	**0212 08**	10	11
3-gang	**0213 08**	1/5	11
4-gang	**0214 08**	1/5	11
5-gang	**0215 08**	1/5	11
for aluminium central inserts			
1-gang	**0211 81**	10	11
2-gang	**0212 81**	10	11
3-gang	**0213 81**	1/5	11
4-gang	**0214 81**	1/5	11
5-gang	**0215 81**	1/5	11

Shatter-proof.

Cover frames for combinations vertical and horizontal, colour aluminium



for pure white central inserts			
1-gang	**0211 326**	10	11
2-gang	**0212 326**	10	11
3-gang	**0213 326**	1/5	11
4-gang	**0214 326**	1/5	11
5-gang	**0215 326**	1/5	11
for anthracite central inserts			
1-gang	**0211 06**	10	11
2-gang	**0212 06**	10	11
3-gang	**0213 06**	1/5	11
4-gang	**0214 06**	1/5	11
5-gang	**0215 06**	1/5	11
for aluminium central inserts			
1-gang	**0211 36**	10	11
2-gang	**0212 36**	10	11
3-gang	**0213 36**	1/5	11
4-gang	**0214 36**	1/5	11
5-gang	**0215 36**	1/5	11

Shatter-proof.

Cover frames for combinations vertical and horizontal, without crossbar, anthracite



for pure white central inserts			
2-gang	**1002 328**	10	11
for anthracite central inserts			
2-gang	**1002 08**	10	11
for aluminium central inserts			
2-gang	**1002 81**	10	11

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Name plate/door plate 2-gang 1072 .. → Page 105.
Energy and weather display 2360 .. → Page 77.

Cover frames for combinations vertical and horizontal, without crossbar, colour aluminium



for pure white central inserts			
2-gang	**1002 326**	10	11
for anthracite central inserts			
2-gang	**1002 06**	10	11
for aluminium central inserts			
2-gang	**1002 36**	10	11

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Name plate/door plate 2-gang 1072 .. → Page 105.
Energy and weather display 2360 .. → Page 77.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, white



for pure white central inserts			
1-gang	**0211 723**	10	01
2-gang	**0212 723**	10	01
3-gang	**0213 723**	1/5	01
4-gang	**0214 723**	1/5	01
5-gang	**0215 723**	1/5	01
for anthracite central inserts			
1-gang	**0211 728**	10	11
2-gang	**0212 728**	10	11
3-gang	**0213 728**	1/5	11
4-gang	**0214 728**	1/5	11
5-gang	**0215 728**	1/5	11
for aluminium central inserts			
1-gang	**0211 726**	10	11
2-gang	**0212 726**	10	11
3-gang	**0213 726**	1/5	11
4-gang	**0214 726**	1/5	11
5-gang	**0215 726**	1/5	11

Shatter-proof.

Cover frames for combinations vertical and horizontal, without crossbar, white



for pure white central inserts			
2-gang	**1002 723**	10	01
for anthracite central inserts			
2-gang	**1002 728**	10	11
for aluminium central inserts			
2-gang	**1002 726**	10	11

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Name plate/door plate 2-gang 1072 .. → Page 105.
Energy and weather display 2360 .. → Page 77.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, black



for pure white central inserts			
1-gang	**0211 733**	10	11
2-gang	**0212 733**	10	11
3-gang	**0213 733**	1/5	11
4-gang	**0214 733**	1/5	11
5-gang	**0215 733**	1/5	11
for anthracite central inserts			
1-gang	**0211 738**	10	11
2-gang	**0212 738**	10	11
3-gang	**0213 738**	1/5	11
4-gang	**0214 738**	1/5	11
5-gang	**0215 738**	1/5	11
for aluminium central inserts			
1-gang	**0211 736**	10	11
2-gang	**0212 736**	10	11
3-gang	**0213 736**	1/5	11
4-gang	**0214 736**	1/5	11
5-gang	**0215 736**	1/5	11

Shatter-proof.

Cover frames for combinations vertical and horizontal, without crossbar, black



for pure white central inserts			
2-gang	**1002 733**	10	11
for anthracite central inserts			
2-gang	**1002 738**	10	11
for aluminium central inserts			
2-gang	**1002 736**	10	11

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Name plate/door plate 2-gang 1072 .. → Page 105.
Energy and weather display 2360 .. → Page 77.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, green



for pure white central inserts			
1-gang	**0211 743**	10	11
2-gang	**0212 743**	10	11
3-gang	**0213 743**	1/5	11
4-gang	**0214 743**	1/5	11
5-gang	**0215 743**	1/5	11
for anthracite central inserts			
1-gang	**0211 748**	10	11
2-gang	**0212 748**	10	11
3-gang	**0213 748**	1/5	11
4-gang	**0214 748**	1/5	11
5-gang	**0215 748**	1/5	11
for aluminium central inserts			
1-gang	**0211 746**	10	11
2-gang	**0212 746**	10	11
3-gang	**0213 746**	1/5	11
4-gang	**0214 746**	1/5	11
5-gang	**0215 746**	1/5	11

Shatter-proof.

Cover frames for combinations vertical and horizontal, aubergine



for pure white central inserts			
1-gang	**0211 753**	10	11
2-gang	**0212 753**	10	11
3-gang	**0213 753**	1/5	11
4-gang	**0214 753**	1/5	11
5-gang	**0215 753**	1/5	11
for anthracite central inserts			
1-gang	**0211 758**	10	11
2-gang	**0212 758**	10	11
3-gang	**0213 758**	1/5	11
4-gang	**0214 758**	1/5	11
5-gang	**0215 758**	1/5	11
for aluminium central inserts			
1-gang	**0211 756**	10	11
2-gang	**0212 756**	10	11
3-gang	**0213 756**	1/5	11
4-gang	**0214 756**	1/5	11
5-gang	**0215 756**	1/5	11

Shatter-proof.

Cover frames for combinations vertical and horizontal, without crossbar, green



for pure white central inserts			
2-gang	**1002 743**	10	11
for anthracite central inserts			
2-gang	**1002 748**	10	11
for aluminium central inserts			
2-gang	**1002 746**	10	11

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Name plate/door plate 2-gang 1072 .. → Page 105.
Energy and weather display 2360 .. → Page 77.

Cover frames for combinations vertical and horizontal, without crossbar, aubergine



for pure white central inserts			
2-gang	**1002 753**	10	11
for anthracite central inserts			
2-gang	**1002 758**	10	11
for aluminium central inserts			
2-gang	**1002 756**	10	11

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Name plate/door plate 2-gang 1072 .. → Page 105.
Energy and weather display 2360 .. → Page 77.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, brown



for cream white central inserts			
1-gang	**0211 761**	10	11
2-gang	**0212 761**	10	11
3-gang	**0213 761**	1/5	11
4-gang	**0214 761**	1/5	11
5-gang	**0215 761**	1/5	11
for pure white central inserts			
1-gang	**0211 763**	10	11
2-gang	**0212 763**	10	11
3-gang	**0213 763**	1/5	11
4-gang	**0214 763**	1/5	11
5-gang	**0215 763**	1/5	11
for anthracite central inserts			
1-gang	**0211 768**	10	11
2-gang	**0212 768**	10	11
3-gang	**0213 768**	1/5	11
4-gang	**0214 768**	1/5	11
5-gang	**0215 768**	1/5	11
for aluminium central inserts			
1-gang	**0211 766**	10	11
2-gang	**0212 766**	10	11
3-gang	**0213 766**	1/5	11
4-gang	**0214 766**	1/5	11
5-gang	**0215 766**	1/5	11

Shatter-proof.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, without crossbar, brown



for cream white central inserts			
2-gang	**1002 761**	10	11
for pure white central inserts			
2-gang	**1002 763**	10	11
for anthracite central inserts			
2-gang	**1002 768**	10	11
for aluminium central inserts			
2-gang	**1002 766**	10	11

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Name plate/door plate 2-gang 1072 .. → Page 105.
Energy and weather display 2360 .. → Page 77.

Cover frames for combinations vertical and horizontal, sand



	Order no.	Packing unit	PS
for cream white central inserts			
1-gang	**0211 771**	10	11
2-gang	**0212 771**	10	11
3-gang	**0213 771**	1/5	11
4-gang	**0214 771**	1/5	11
5-gang	**0215 771**	1/5	11
for pure white central inserts			
1-gang	**0211 773**	10	11
2-gang	**0212 773**	10	11
3-gang	**0213 773**	1/5	11
4-gang	**0214 773**	1/5	11
5-gang	**0215 773**	1/5	11
for anthracite central inserts			
1-gang	**0211 778**	10	11
2-gang	**0212 778**	10	11
3-gang	**0213 778**	1/5	11
4-gang	**0214 778**	1/5	11
5-gang	**0215 778**	1/5	11
for aluminium central inserts			
1-gang	**0211 776**	10	11
2-gang	**0212 776**	10	11
3-gang	**0213 776**	1/5	11
4-gang	**0214 776**	1/5	11
5-gang	**0215 776**	1/5	11

Shatter-proof.

Cover frames for combinations vertical and horizontal, without crossbar, sand



	Order no.	Packing unit	PS
for cream white central inserts			
2-gang	**1002 771**	10	11
for pure white central inserts			
2-gang	**1002 773**	10	11
for anthracite central inserts			
2-gang	**1002 778**	10	11
for aluminium central inserts			
2-gang	**1002 776**	10	11

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Name plate/door plate 2-gang 1072 .. → Page 105.
Energy and weather display 2360 .. → Page 77.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, white



for pure white central inserts			
1-gang	**0211 334**	10	01
2-gang	**0212 334**	10	01
3-gang	**0213 334**	1/5	01
4-gang	**0214 334**	1/5	01
5-gang	**0215 334**	1/5	01
for anthracite central inserts			
1-gang	**0211 24**	10	11
2-gang	**0212 24**	10	11
3-gang	**0213 24**	1/5	11
4-gang	**0214 24**	1/5	11
5-gang	**0215 24**	1/5	11
for aluminium central inserts			
1-gang	**0211 50**	10	11
2-gang	**0212 50**	10	11
3-gang	**0213 50**	1/5	11
4-gang	**0214 50**	1/5	11
5-gang	**0215 50**	1/5	11

Shatter-proof.

Cover frames for combinations vertical and horizontal, without crossbar, white



for pure white central inserts			
2-gang	**1002 334**	10	01
for anthracite central inserts			
2-gang	**1002 24**	10	11
for aluminium central inserts			
2-gang	**1002 50**	10	11

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Name plate/door plate 2-gang 1072 .. → Page 105.
Energy and weather display 2360 .. → Page 77.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, mint



for pure white central inserts			
1-gang	**0211 395**	10	11
2-gang	**0212 395**	10	11
3-gang	**0213 395**	1/5	11
4-gang	**0214 395**	1/5	11
5-gang	**0215 395**	1/5	11
for anthracite central inserts			
1-gang	**0211 85**	10	11
2-gang	**0212 85**	10	11
3-gang	**0213 85**	1/5	11
4-gang	**0214 85**	1/5	11
5-gang	**0215 85**	1/5	11
for aluminium central inserts			
1-gang	**0211 51**	10	11
2-gang	**0212 51**	10	11
3-gang	**0213 51**	1/5	11
4-gang	**0214 51**	1/5	11
5-gang	**0215 51**	1/5	11

Shatter-proof.

Cover frames for combinations vertical and horizontal, without crossbar, mint



for pure white central inserts			
2-gang	**1002 395**	10	11
for anthracite central inserts			
2-gang	**1002 85**	10	11
for aluminium central inserts			
2-gang	**1002 51**	10	11

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Name plate/door plate 2-gang 1072 .. → Page 105.
Energy and weather display 2360 .. → Page 77.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, orange



for pure white central inserts			
1-gang	**0211 397**	10	11
2-gang	**0212 397**	10	11
3-gang	**0213 397**	1/5	11
4-gang	**0214 397**	1/5	11
5-gang	**0215 397**	1/5	11
for anthracite central inserts			
1-gang	**0211 87**	10	11
2-gang	**0212 87**	10	11
3-gang	**0213 87**	1/5	11
4-gang	**0214 87**	1/5	11
5-gang	**0215 87**	1/5	11
for aluminium central inserts			
1-gang	**0211 53**	10	11
2-gang	**0212 53**	10	11
3-gang	**0213 53**	1/5	11
4-gang	**0214 53**	1/5	11
5-gang	**0215 53**	1/5	11

Shatter-proof.

Cover frames for combinations vertical and horizontal, red



for pure white central inserts			
1-gang	**0211 398**	10	11
2-gang	**0212 398**	10	11
3-gang	**0213 398**	1/5	11
4-gang	**0214 398**	1/5	11
5-gang	**0215 398**	1/5	11
for anthracite central inserts			
1-gang	**0211 88**	10	11
2-gang	**0212 88**	10	11
3-gang	**0213 88**	1/5	11
4-gang	**0214 88**	1/5	11
5-gang	**0215 88**	1/5	11
for aluminium central inserts			
1-gang	**0211 92**	10	11
2-gang	**0212 92**	10	11
3-gang	**0213 92**	1/5	11
4-gang	**0214 92**	1/5	11
5-gang	**0215 92**	1/5	11

Shatter-proof.

Cover frames for combinations vertical and horizontal, without crossbar, orange



for pure white central inserts			
2-gang	**1002 397**	10	11
for anthracite central inserts			
2-gang	**1002 87**	10	11
for aluminium central inserts			
2-gang	**1002 53**	10	11

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Name plate/door plate 2-gang 1072 .. → Page 105.
Energy and weather display 2360 .. → Page 77.

Cover frames for combinations vertical and horizontal, without crossbar, red



for pure white central inserts			
2-gang	**1002 398**	10	11
for anthracite central inserts			
2-gang	**1002 88**	10	11
for aluminium central inserts			
2-gang	**1002 92**	10	11

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Name plate/door plate 2-gang 1072 .. → Page 105.
Energy and weather display 2360 .. → Page 77.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, blue



for pure white central inserts			
1-gang	**0211 399**	10	11
2-gang	**0212 399**	10	11
3-gang	**0213 399**	1/5	11
4-gang	**0214 399**	1/5	11
5-gang	**0215 399**	1/5	11
for anthracite central inserts			
1-gang	**0211 89**	10	11
2-gang	**0212 89**	10	11
3-gang	**0213 89**	1/5	11
4-gang	**0214 89**	1/5	11
5-gang	**0215 89**	1/5	11
for aluminium central inserts			
1-gang	**0211 93**	10	11
2-gang	**0212 93**	10	11
3-gang	**0213 93**	1/5	11
4-gang	**0214 93**	1/5	11
5-gang	**0215 93**	1/5	11

Shatter-proof.

Cover frames for combinations vertical and horizontal, dark brown



for pure white central inserts			
1-gang	**0211 331**	10	11
2-gang	**0212 331**	10	11
3-gang	**0213 331**	1/5	11
4-gang	**0214 331**	1/5	11
5-gang	**0215 331**	1/5	11
for anthracite central inserts			
1-gang	**0211 13**	10	11
2-gang	**0212 13**	10/100	11
3-gang	**0213 13**	1/5	11
4-gang	**0214 13**	1/5	11
5-gang	**0215 13**	1/5	11
for aluminium central inserts			
1-gang	**0211 59**	10	11
2-gang	**0212 59**	10	11
3-gang	**0213 59**	1/5	11
4-gang	**0214 59**	1/5	11
5-gang	**0215 59**	1/5	11

Shatter-proof.

Cover frames for combinations vertical and horizontal, without crossbar, blue



for pure white central inserts			
2-gang	**1002 399**	10	11
for anthracite central inserts			
2-gang	**1002 89**	10	11
for aluminium central inserts			
2-gang	**1002 93**	10	11

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Name plate/door plate 2-gang 1072 .. → Page 105.
Energy and weather display 2360 .. → Page 77.

Cover frames for combinations vertical and horizontal, without crossbar, dark brown



for pure white central inserts			
2-gang	**1002 331**	10	11
for anthracite central inserts			
2-gang	**1002 13**	10	11
for aluminium central inserts			
2-gang	**1002 59**	10	11

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Name plate/door plate 2-gang 1072 .. → Page 105.
Energy and weather display 2360 .. → Page 77.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, amber



for pure white central inserts			
1-gang	**0211 332**	10	11
2-gang	**0212 332**	10	11
3-gang	**0213 332**	1/5	11
4-gang	**0214 332**	1/5	11
5-gang	**0215 332**	1/5	11
for anthracite central inserts			
1-gang	**0211 14**	10	11
2-gang	**0212 14**	10/100	11
3-gang	**0213 14**	1/5	11
4-gang	**0214 14**	1/5	11
5-gang	**0215 14**	1/5	11
for aluminium central inserts			
1-gang	**0211 69**	10	11
2-gang	**0212 69**	10	11
3-gang	**0213 69**	1/5	11
4-gang	**0214 69**	1/5	11
5-gang	**0215 69**	1/5	11

Shatter-proof.

Cover frames for combinations vertical and horizontal, without crossbar, amber



for pure white central inserts			
2-gang	**1002 332**	10	11
for anthracite central inserts			
2-gang	**1002 14**	10	11
for aluminium central inserts			
2-gang	**1002 69**	10	11

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Name plate/door plate 2-gang 1072 .. → Page 105.
Energy and weather display 2360 .. → Page 77.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Name plate/door plate

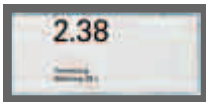


Name plate/door plate

1-gang

pure white	**1071 00**	1	01

Name plate/door plate for rooms. Consisting of a base plate and a transparent, attachable cover plate. Two options for attachment are available:
Screwing on:
The base plate of the name plate/door plate is attached to the wall with the included screws/plugs.
Adhesion:
The base plate is attached to smooth surfaces, e.g. coated doors, with the accompanying sticky points.
The 51 x 51 mm label carrier can be exchanged with ease. Simply pull off the transparent cover plate and exchange the insert. The inscription sheets can be printed with all conventional printers.
Base plate for Event, 1-gang 1083 00, 1083 02 → Page 105.
Labelling sheet 1085 00 → Page 105.



Name plate/door plate

2-gang

pure white	**1072 00**	5	01

Inscription label used as an orientation aid or for identifying rooms in public buildings or office complexes. The large name plate/door plate is inserted in the Standard 55, Event, E2, E22 or Gira F100 2-gang cover frame without crossbar.
Consisting of a base plate and a transparent, attachable cover plate. Two options for attachment are available:
Screwing on:
The base plate of the name plate/door plate is attached to the wall with the included screws/plugs.
Adhesion:
The base plate is attached to smooth surfaces, e.g. metal doors, with the accompanying sticky points. For installation on glass surfaces, the name plate/door plate is adhered to a (separately available) base plate due to optical reasons. The 51 x 122 mm label carrier can be exchanged with ease. Simply pull off the transparent cover plate and exchange the insert. The inscription sheets can be printed by almost any B/W or colour printer.
Base plate for Event, 2-gang 1084 00, 1084 02 → Page 105.
Labelling sheet 1085 00 → Page 105.



Base plate for Event cover frame for Name plate/door plate

1-gang

pure white	**1083 02**	1	11
black	**1083 00**	1	01

2-gang

pure white	**1084 02**	1	11
black	**1084 00**	1	01

The self-adhesive base plate is an adapter plate for the attachment of the name plate/door plate to smooth, transparent, surfaces, e.g. glass panes. The base plate affords an aesthetically pleasing closure on the back.
Name plate/door plate 1-gang 1071 .. → Page 105.
Name plate/door plate 2-gang 1072 .. → Page 105.

	Order no.	Packing unit	PS

Inscription sheets for name plate/door plate

1085 00	1	01

Insert for the name plate/door plate in DIN A4 size. The material thickness is optimally suitable for the plate. This prevents waving, as can occur with common copier paper. The inscription sheets can be printed by almost any B/W or colour printer.
Scope of supply: 10 sheets

Name plate/door plate 1-gang 1071 .. → Page 105.
Name plate/door plate 2-gang 1072 .. → Page 105.

The Gira Esprit switch range offers an unusually wide diversity of materials. The clear frame design perfectly matches the selected surface materials of shiny glass, polished and anodised aluminium, glossy gold or chrome-gloss polished metal with a special surface sealant, and walnut.

In contrast, the frame form of Gira Esprit, Glass C offers soft edges and rounded corners.

Gira adopts this current trends in modern interior design with frames of anodised aluminium in matt brown or black. The natural grained structure of the material is maintained in both variants. The walnut-aluminium cover frame variant is suitable for interior design concepts which rely on authentic materials. The natural grain of the wood lends each single cover frame its own individual character.

Cover frames
Suitable for vertical or horizontal installation

1 to 5-gang cover frames are available for glass and glass C variants, and 1 to 4-gang cover frames for all other variants. In the walnut-aluminium variant, the grain of the veneer runs parallel to the longer side of the frame for the 2-gang to 4-gang variants.

Dimensions (H × W, mm)
1-gang: 95.0 × 95.0
2-gang: 166.0 × 95.0
3-gang: 236.8 × 95.0
4-gang: 308.0 × 95.0
5-gang: 380.2 × 95.0

Edges/corners
Aluminium, glass:
chamfered 0.3 × 45°
Glass C:
corner radius R = 6
circumferential radius R = 3,3
Chrome, brass:
chamfered 1.5 × 45°
Walnut-aluminium:
chamfered 0.5 × 45°

Materials and surfaces
Aluminium, chrome, glass, brass, walnut

Cleaning recommendation
Aluminium E1/EV1, aluminium E1 black, aluminium E1 brown, chrome, glass, brass: use a dry, lint-free or damp cloth; walnut-aluminium: use a dry, lint-free cloth

Protection type
IP 20

Design
Gira, Radevormwald

Design awards
DESIGN PLUS 2000, light+building, Frankfurt

red dot award 2001, Design Zentrum NRW

Interior Innovation Award 2011, Rat für Formgebung

red dot award 2011, Design Zentrum NRW

Product information
www.gira.com/brochures



15



16



17

Gira Esprit
System 55

Gira Esprit

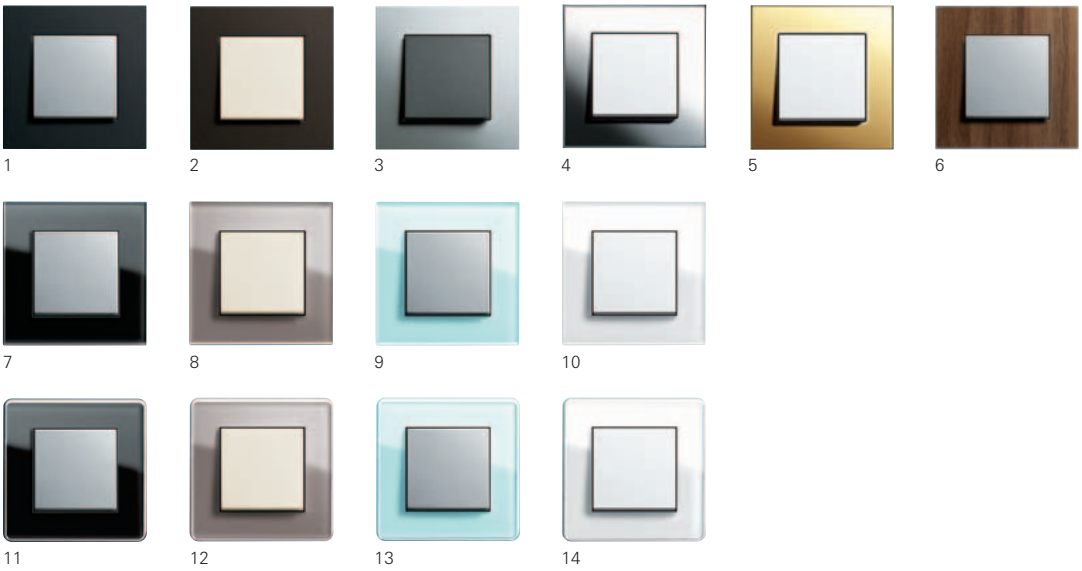
Cover frames 108

System 55 central inserts and cover plates 26

Flush-mounted inserts and accessories 270

Cover frame/insert variants

1 Aluminium black/colour aluminium
2 Aluminium brown/cream white glossy
3 Aluminium/anthracite
4 Chrome/pure white glossy
5 Brass/pure white glossy
6 Walnut-aluminium/colour aluminium
7 Glass black/colour aluminium
8 Glass umber/cream white glossy
9 Glass mint/colour aluminium
10 Glass white/pure white glossy
11 Glass C black/colour aluminium
12 Glass C umber/cream white glossy
13 Glass C mint/colour aluminium
14 Glass C white/pure white glossy



1 2 3 4 5 6

7 8 9 10

11 12 13 14

Gira Esprit,
aluminium black/
pure white glossy

15
Push button sensor 3 Plus, 2-gang

16
Surface-mounted home station video

17
RDS flush-mounted radio

18
2-gang combination
push switch/"British Standard"
socket outlet can be switched off



18

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, mint glass



1-gang
Glass mint **0211 18** 1 11



2-gang
Glass mint **0212 18** 1 11



3-gang
Glass mint **0213 18** 1 11



4-gang
Glass mint **0214 18** 1 11



5-gang
Glass mint **0215 18** 1 11

Cover frames for combinations vertical and horizontal, without crossbar, mint glass



2-gang
Glass mint **1002 18** 1 11

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, white glass



1-gang
Glass white **0211 12** 1 11



2-gang
Glass white **0212 12** 1 11



3-gang
Glass white **0213 12** 1 11



4-gang
Glass white **0214 12** 1 11



5-gang
Glass white **0215 12** 1 11

Cover frames for combinations vertical and horizontal, without crossbar, white glass



2-gang
Glass white **1002 12** 1 11

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Energy and weather display 2360 .. → Page 77.

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Energy and weather display 2360 .. → Page 77.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, black glass



1-gang			
Glass black	**0211 05**	1	11



2-gang			
Glass black	**0212 05**	1	11



3-gang			
Glass black	**0213 05**	1	11



4-gang			
Glass black	**0214 05**	1	11



5-gang			
Glass black	**0215 05**	1	11

Cover frames for combinations vertical and horizontal, without crossbar, black glass



2-gang			
Glass black	**1002 05**	1	11

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Energy and weather display 2360 .. → Page 77.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, umber glass



1-gang			
Glass umber	**0211 122**	1	11



2-gang			
Glass umber	**0212 122**	1	11



3-gang			
Glass umber	**0213 122**	1	11



4-gang			
Glass umber	**0214 122**	1	11



5-gang			
Glass umber	**0215 122**	1	11

Cover frames for combinations vertical and horizontal, without crossbar, umber glass



2-gang			
Glass umber	**1002 122**	1	11

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Energy and weather display 2360 .. → Page 77.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, glass C mint



1-gang			
Glass C mint	**0211 518**	1	11



2-gang			
Glass C mint	**0212 518**	1	11



3-gang			
Glass C mint	**0213 518**	1	11



4-gang			
Glass C mint	**0214 518**	1	11



5-gang			
Glass C mint	**0215 518**	1	11

Cover frames for combinations vertical and horizontal, without crossbar, glass C mint



2-gang			
Glass C mint	**1002 518**	1	11

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Energy and weather display 2360 .. → Page 77.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, glass C white



1-gang			
Glass C white	**0211 512**	1	11



2-gang			
Glass C white	**0212 512**	1	11



3-gang			
Glass C white	**0213 512**	1	11



4-gang			
Glass C white	**0214 512**	1	11



5-gang			
Glass C white	**0215 512**	1	11

Cover frames for combinations vertical and horizontal, without crossbar, glass C white



2-gang			
Glass C white	**1002 512**	1	11

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Energy and weather display 2360 .. → Page 77.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, glass C black



1-gang			
Glass C black	**0211 505**	1	11



2-gang			
Glass C black	**0212 505**	1	11



3-gang			
Glass C black	**0213 505**	1	11



4-gang			
Glass C black	**0214 505**	1	11



5-gang			
Glass C black	**0215 505**	1	11

Cover frames for combinations vertical and horizontal, without crossbar, glass C black



2-gang			
Glass C black	**1002 505**	1	11

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Energy and weather display 2360 .. → Page 77.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, glass C umber



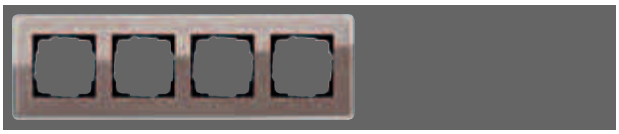
1-gang			
Glass C umber	**0211 522**	1	11



2-gang			
Glass C umber	**0212 522**	1	11



3-gang			
Glass C umber	**0213 522**	1	11



4-gang			
Glass C umber	**0214 522**	1	11



5-gang			
Glass C umber	**0215 522**	1	11

Cover frames for combinations vertical and horizontal, without crossbar, glass C umber



2-gang			
Glass C umber	**1002 522**	1	11

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Energy and weather display 2360 .. → Page 77.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, aluminium



1-gang
Aluminium **0211 17** 1 11

Anodised aluminium E 1 EV 1.



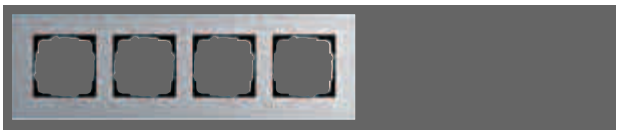
2-gang
Aluminium **0212 17** 1 11

Anodised aluminium E 1 EV 1.



3-gang
Aluminium **0213 17** 1 11

Anodised aluminium E 1 EV 1.



4-gang
Aluminium **0214 17** 1 11

Anodised aluminium E 1 EV 1.

Cover frames for combinations vertical and horizontal, without crossbar, aluminium



2-gang
Aluminium **1002 17** 1 11

Anodised aluminium E 1 EV 1.
Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Energy and weather display 2360 .. → Page 77.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, brass



1-gang
Brass **0211 19** 1 11

Highly-polished surface.



2-gang
Brass **0212 19** 1 11

Highly-polished surface.



3-gang
Brass **0213 19** 1 11

Highly-polished surface.



4-gang
Brass **0214 19** 1 11

Highly-polished surface.

Cover frames for combinations vertical and horizontal, without crossbar, brass



2-gang
Brass **1002 19** 1 11

Highly-polished surface.
Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Energy and weather display 2360 .. → Page 77.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, chrome



1-gang
Chrome **0211 10** 1 11

Highly-polished surface.



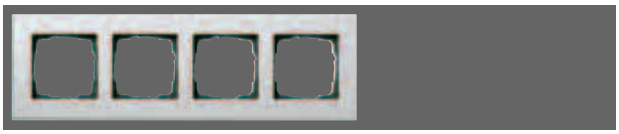
2-gang
Chrome **0212 10** 1 11

Highly-polished surface.



3-gang
Chrome **0213 10** 1 11

Highly-polished surface.



4-gang
Chrome **0214 10** 1 11

Highly-polished surface.

Cover frames for combinations vertical and horizontal, without crossbar, chrome



2-gang
Chrome **1002 10** 1 11

Highly-polished surface.
Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Energy and weather display 2360 .. → Page 77.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, aluminium black



1-gang
Aluminium black **0211 126** 1 11

Anodised aluminium E 1.



2-gang
Aluminium black **0212 126** 1 11

Anodised aluminium E 1.



3-gang
Aluminium black **0213 126** 1 11

Anodised aluminium E 1.



4-gang
Aluminium black **0214 126** 1 11

Anodised aluminium E 1.

Cover frames for combinations vertical and horizontal, without crossbar, aluminium black



2-gang
Aluminium black **1002 126** 1 11

Anodised aluminium E 1.
Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Energy and weather display 2360 .. → Page 77.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, aluminium brown



1-gang
Aluminium brown **0211 127** 1 11

Anodised aluminium E 1.



2-gang
Aluminium brown **0212 127** 1 11

Anodised aluminium E 1.



3-gang
Aluminium brown **0213 127** 1 11

Anodised aluminium E 1.



4-gang
Aluminium brown **0214 127** 1 11

Anodised aluminium E 1.

Cover frames for combinations vertical and horizontal, without crossbar, aluminium brown



2-gang
Aluminium brown **1002 127** 1 11

Anodised aluminium E 1.
Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Energy and weather display 2360 .. → Page 77.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, walnut-aluminium



1-gang
Walnut-aluminium **0211 129** 1 11

Wood veneer with FSC label. Each frame is unique and thus the grain can vary.



2-gang
Walnut-aluminium **0212 129** 1 11

Wood veneer with FSC label. Each frame is unique and thus the grain can vary.



3-gang
Walnut-aluminium **0213 129** 1 11

Wood veneer with FSC label. Each frame is unique and thus the grain can vary.



4-gang
Walnut-aluminium **0214 129** 1 11

Wood veneer with FSC label. Each frame is unique and thus the grain can vary.

Cover frames for combinations vertical and horizontal, without crossbar, walnut-aluminium



2-gang
Walnut-aluminium **1002 129** 1 11

Wood veneer with FSC label. Each frame is unique and thus the grain can vary.
Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Energy and weather display 2360 .. → Page 77.

The delivery results subject to countries specific assortments.

With its perfected surfaces and harmonious rounded corners, Gira ClassiX sets new standards for stylish and classic interiors in an exclusive design.

Cover frame variants in glossy gold brass or brushed bronze are available to match the ambiance, both completely in metal and in combination with black or cream white inserts. More than 300 functions can be integrated into the switch range.

Cover frames
Suitable for vertical and horizontal installation

Dimensions (H × W, mm)
1-gang: 100.0 × 100.0
2-gang: 171.2 × 100.0
3-gang: 242.4 × 100.0
4-gang: 313.6 × 100.0
5-gang: 384.8 × 100.0
Corner radius: R = 0.9

Material
Stainless steel 1.4301 (V2A) galvanically coated
Bronze: burnished, ground, matt, brass: high-gloss

Cover frame colours
Brass, brass-cream white, brass-black,
bronze, bronze-cream white, bronze-black

Cleaning recommendation
Use a dry, lint-free or damp cloth

Protection type
IP 20

Design
Gira, Radevormwald
Phoenix Design, Stuttgart

Product information
www.gira.com/brochures

Gira ClassiX, brass-cream white

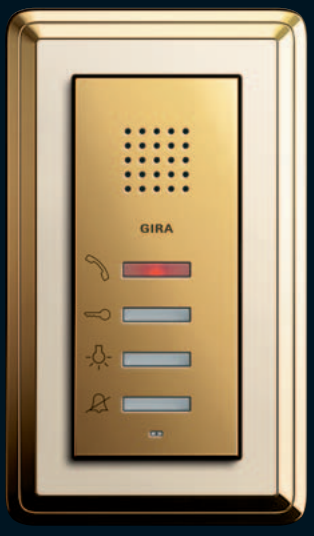
1 Surface-mounted home station video, cream white glossy
2 RDS flush-mounted radio, cream white glossy



1



2



9



10



11

Gira ClassiX
System 55

Gira ClassiX, Gira ClassiX Art

Cover frames
Gira ClassiX 120
Cover frames
Gira ClassiX Art 126

System 55 central inserts
and cover plates 26
Flush-mounted inserts
and accessories 270

Cover frame/insert variants

3 Brass/brass
4 Brass-cream white/brass
5 Brass-black/brass
6 Bronze/bronze
7 Bronze-cream white/bronze
8 Bronze-black/bronze


3


4


5


6


7


8

Gira ClassiX
Brass-cream white

9
Surface-mounted home station,
brass

10
Series dimmer, brass

11
Push button sensor 3 Basic,
1-gang, brass

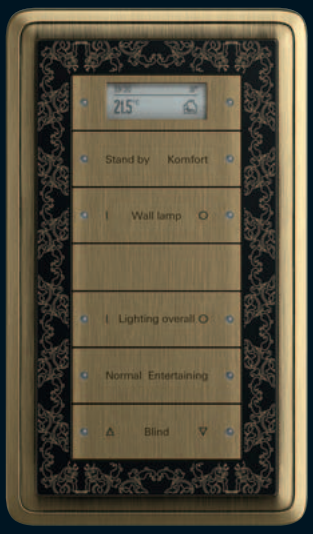
12
2-gang combination
push switch, brass/socket outlet
with earth pin,
brass/cream white


12

The classic elegance of the Gira ClassiX switch range is finished with artistic detailing in the ClassiX Art design line. The fine lasered-in details set attractive accents, both in appearance and in feel.



7



8



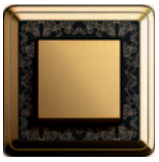
9

Cover frame/insert variants

1 Brass/brass
2 Brass-cream white/brass
3 Brass-black/brass
4 Bronze/bronze
5 Bronze-cream white/bronze
6 Bronze-black/bronze


1


2


3


4


5


6

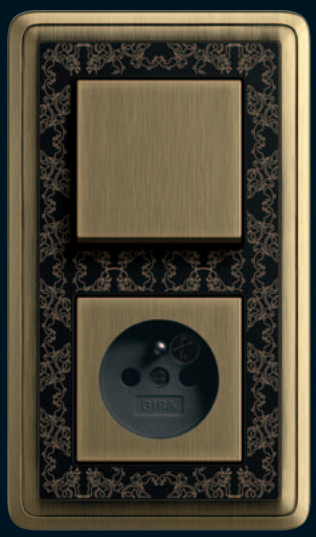
Gira ClassiX Art
Bronze-black

7
Hotel-card button, bronze

8
Push button sensor 3 Plus, 5-gang
with laser inscription, bronze

9
Electronic blind controller easy,
bronze

10
2-gang combination
push switch, bronze/socket outlet
with earth pin,
bronze/anthracite



10

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, ClassiX bronze



1-gang

Bronze	**0211 621**	1/5	11

Polished surface.



2-gang

Bronze	**0212 621**	1	11

Polished surface.



3-gang

Bronze	**0213 621**	1	11

Polished surface.



4-gang

Bronze	**0214 621**	1	11

Polished surface.



5-gang

Bronze	**0215 621**	1	11

Polished surface.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, without crossbar, ClassiX bronze



2-gang

Bronze	**1002 621**	1	11

Polished surface.

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Energy and weather display 2360 .. → Page 77.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, ClassiX bronze-black



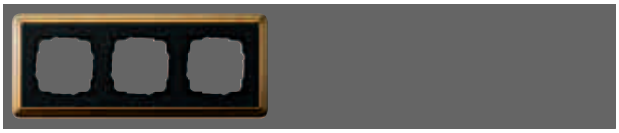
1-gang
Bronze-black **0211 622** 1 11

Polished surface.



2-gang
Bronze-black **0212 622** 1 11

Polished surface.



3-gang
Bronze-black **0213 622** 1 11

Polished surface.



4-gang
Bronze-black **0214 622** 1 11

Polished surface.



5-gang
Bronze-black **0215 622** 1 11

Polished surface.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, without crossbar, ClassiX bronze-black



2-gang
Bronze-black **1002 622** 1 11

Polished surface.

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Energy and weather display 2360 .. → Page 77.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, ClassiX bronze-cream white



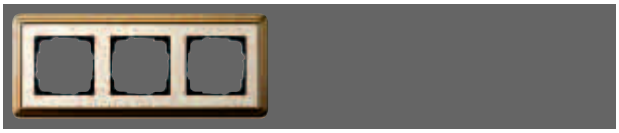
1-gang
Bronze-cream white **0211 623** 1 11

Polished surface.



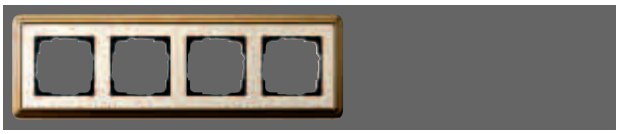
2-gang
Bronze-cream white **0212 623** 1 11

Polished surface.



3-gang
Bronze-cream white **0213 623** 1 11

Polished surface.



4-gang
Bronze-cream white **0214 623** 1 11

Polished surface.



5-gang
Bronze-cream white **0215 623** 1 11

Polished surface.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, without crossbar, ClassiX bronze-cream white



2-gang
Bronze-cream white **1002 623** 1 11

Polished surface.
Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Energy and weather display 2360 .. → Page 77.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, ClassiX brass



1-gang
Brass **0211 631** 1 11

Highly-polished surface.



2-gang
Brass **0212 631** 1 11

Highly-polished surface.



3-gang
Brass **0213 631** 1 11

Highly-polished surface.



4-gang
Brass **0214 631** 1 11

Highly-polished surface.



5-gang
Brass **0215 631** 1 11

Highly-polished surface.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, without crossbar, ClassiX brass



2-gang
Brass **1002 631** 1 11

Highly-polished surface.

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Energy and weather display 2360 .. → Page 77.

Cover frames for combinations vertical and horizontal, ClassiX brass-black



1-gang

	Order no.	Packing unit	PS
Brass-black	**0211 632**	1	11

Highly-polished surface.



2-gang

	Order no.	Packing unit	PS
Brass-black	**0212 632**	1	11

Highly-polished surface.



3-gang

	Order no.	Packing unit	PS
Brass-black	**0213 632**	1	11

Highly-polished surface.



4-gang

	Order no.	Packing unit	PS
Brass-black	**0214 632**	1	11

Highly-polished surface.



5-gang

	Order no.	Packing unit	PS
Brass-black	**0215 632**	1	11

Highly-polished surface.

Cover frames for combinations vertical and horizontal, without crossbar, ClassiX brass-black



2-gang

	Order no.	Packing unit	PS
Brass-black	**1002 632**	1	11

Highly-polished surface.

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Energy and weather display 2360 .. → Page 77.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, ClassiX brass-cream white



1-gang

Brass-cream white	**0211 633**	1	11

Highly-polished surface.



2-gang

Brass-cream white	**0212 633**	1	11

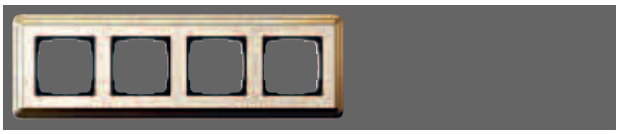
Highly-polished surface.



3-gang

Brass-cream white	**0213 633**	1	11

Highly-polished surface.



4-gang

Brass-cream white	**0214 633**	1	11

Highly-polished surface.



5-gang

Brass-cream white	**0215 633**	1	11

Highly-polished surface.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, without crossbar, ClassiX brass-cream white



2-gang

Brass-cream white	**1002 633**	1	11

Highly-polished surface.

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Energy and weather display 2360 .. → Page 77.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, ClassiX Art bronze



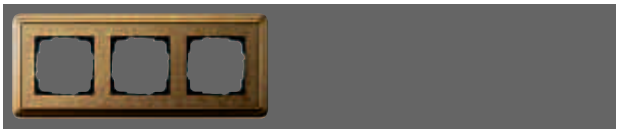
1-gang
Bronze **0211 661** 1 11

Polished surface.



2-gang
Bronze **0212 661** 1 11

Polished surface.



3-gang
Bronze **0213 661** 1 11

Polished surface.



4-gang
Bronze **0214 661** 1 11

Polished surface.



5-gang
Bronze **0215 661** 1 11

Polished surface.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, without crossbar, ClassiX Art bronze



2-gang
Bronze **1002 661** 1 11

Polished surface.
Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Energy and weather display 2360 .. → Page 77.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, ClassiX Art bronze-black



1-gang

Bronze-black	**0211 662**	1	11

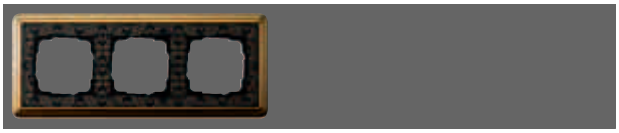
Polished surface.



2-gang

Bronze-black	**0212 662**	1	11

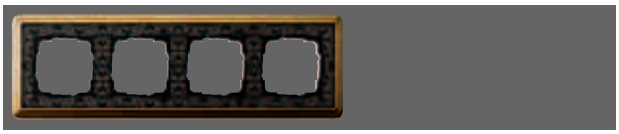
Polished surface.



3-gang

Bronze-black	**0213 662**	1	11

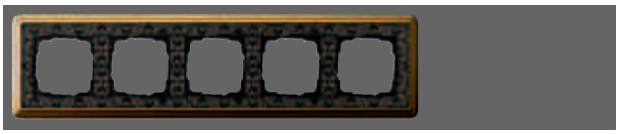
Polished surface.



4-gang

Bronze-black	**0214 662**	1	11

Polished surface.



5-gang

Bronze-black	**0215 662**	1	11

Polished surface.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, without crossbar, ClassiX Art bronze-black



2-gang

Bronze-black	**1002 662**	1	11

Polished surface.

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Energy and weather display 2360 .. → Page 77.

Cover frames for combinations vertical and horizontal, ClassiX Art bronze-cream white



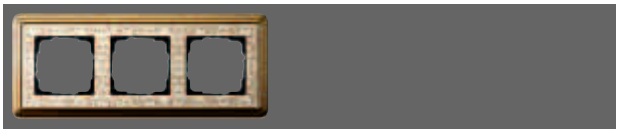
1-gang
Bronze-cream white **0211 663** 1 11

Polished surface.



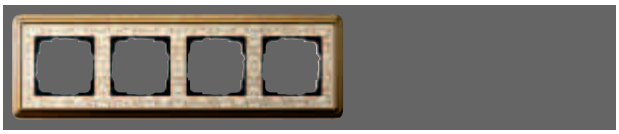
2-gang
Bronze-cream white **0212 663** 1 11

Polished surface.



3-gang
Bronze-cream white **0213 663** 1 11

Polished surface.



4-gang
Bronze-cream white **0214 663** 1 11

Polished surface.



5-gang
Bronze-cream white **0215 663** 1 11

Polished surface.

Cover frames for combinations vertical and horizontal, without crossbar, ClassiX Art bronze-cream white



2-gang
Bronze-cream white **1002 663** 1 11

Polished surface.

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Energy and weather display 2360 .. → Page 77.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, ClassiX Art brass



1-gang

Brass	**0211 671**	1	11

Highly-polished surface.



2-gang

Brass	**0212 671**	1	11

Highly-polished surface.



3-gang

Brass	**0213 671**	1	11

Highly-polished surface.



4-gang

Brass	**0214 671**	1	11

Highly-polished surface.



5-gang

Brass	**0215 671**	1	11

Highly-polished surface.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, without crossbar, ClassiX Art brass



2-gang

Brass	**1002 671**	1	11

Highly-polished surface.

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Energy and weather display 2360 .. → Page 77.

Cover frames for combinations vertical and horizontal, ClassiX Art brass-black



1-gang

	Order no.	Packing unit	PS
Brass-black	**0211 672**	1	11

Highly-polished surface.



2-gang

	Order no.	Packing unit	PS
Brass-black	**0212 672**	1	11

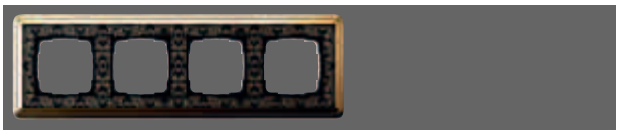
Highly-polished surface.



3-gang

	Order no.	Packing unit	PS
Brass-black	**0213 672**	1	11

Highly-polished surface.



4-gang

	Order no.	Packing unit	PS
Brass-black	**0214 672**	1	11

Highly-polished surface.



5-gang

	Order no.	Packing unit	PS
Brass-black	**0215 672**	1	11

Highly-polished surface.

Cover frames for combinations vertical and horizontal, without crossbar, ClassiX Art brass-black



2-gang

	Order no.	Packing unit	PS
Brass-black	**1002 672**	1	11

Highly-polished surface.

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Energy and weather display 2360 .. → Page 77.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, ClassiX Art brass-cream white



1-gang
Brass-cream white **0211 673** 1 11

Highly-polished surface.



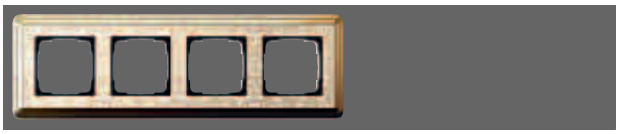
2-gang
Brass-cream white **0212 673** 1 11

Highly-polished surface.



3-gang
Brass-cream white **0213 673** 1 11

Highly-polished surface.



4-gang
Brass-cream white **0214 673** 1 11

Highly-polished surface.



5-gang
Brass-cream white **0215 673** 1 11

Highly-polished surface.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, without crossbar, ClassiX Art brass-cream white



2-gang
Brass-cream white **1002 673** 1 11

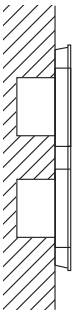
Highly-polished surface.

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Energy and weather display 2360 .. → Page 77.

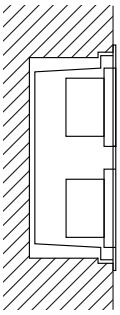
3 mm thick. 3 materials. 3 × 280 functions. In addition to conventional flush-mounted installation in the 58 mm flush-mounted box [1], the Gira E22 switch range offers the option of installing the cover frames flat on the wall using special installation boxes [2], [see page 176].

The product range is available in the real materials stainless steel and aluminium, as well as in thermoplastic [pure white glossy].

With its full range depth, Gira E22 meets the special needs of intelligent building technology. The switch range includes over 280 functions for all mounting types.



[1]



[2]

Cover frames
Suitable for vertical and horizontal installation

Cover frames for conventional flush-mounted installation are available in 1 to 5-gang variants, and in 1 to 4-gang variants for installation 3 mm thick on the wall.

Materials
E22 Stainless Steel:
1.4301, rust-proof
E22 Aluminium:
Aluminium E1 EV1, ground, anodised, matt
E22 [pure white glossy]:
Thermoplastic, shock-resistant and shatter-proof, halogen-free, UV-resistant

Dimensions (H × W, mm)
Stainless Steel/Aluminium
1-gang: 90.6 × 90.6
2-gang: 161.8 × 90.6
3-gang: 233.0 × 90.6
4-gang: 304.2 × 90.6
5-gang: 375.4 × 90.6
Thermoplastic
[pure white glossy]
1-gang: 87.8 × 87.8
2-gang: 158.9 × 87.8
3-gang: 230.4 × 87.8
4-gang: 301.7 × 87.8
5-gang: 373.0 × 87.8

Surface
Polished metal parts, matt

Thermoplastic [pure white glossy], similar to RAL 9010

Cleaning recommendation
Damp cloth

Protection type
IP 20

Design
Phoenix Design, Stuttgart
Gira Design Team, Radevormwald

Design awards
iF product design award 2007, iF Design Hannover

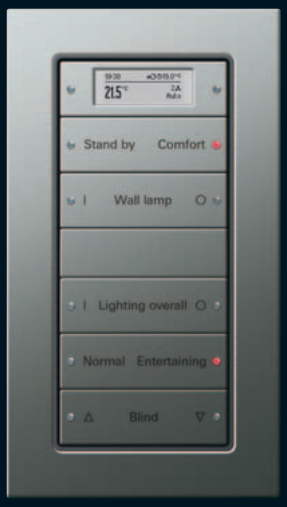
red dot award 2007, Design Zentrum NRW

Good Design Award 2011, The ChicagoAthenaeum: Museum of Architecture and Design

Product information
www.gira.com/brochures



4



5



6



7

Gira E 22
Stainless Steel, Aluminium, Thermoplastic [pure white glossy]

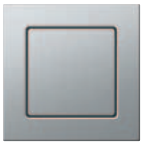
Gira E 22

Push switches	135
Switches and push buttons	138
Socket outlets	140
Dimmers	144
Automatic lighting	145
LED illumination	146
Push button sensors	147
Blind controllers	152
Time switch	153
Room temperature controllers	154
CO_2 sensors	155
Door communication system	156
Keyless In	157
Communication technology	158
Telecommunications	158
Data and communication connection technology	160
Equipotential bonding socket	167
Revox multiroom system	167
RDS flush-mounted radio	169
Radio energy and weather display	170
Name plate / door plate	171
conventional installation	172
Cover frames	173
flat installation	176
E 22 installation set for flat installation	177
E 22 Flush-mounted box	178
Gira Stainless Steel Series 20, Series 21	180
Flush-mounted inserts and accessories	270

1 Stainless Steel
Stainless steel inserts
2 Aluminium
Aluminium inserts
3 Thermoplastic
[pure white glossy]
Thermoplastic inserts from Gira System 55



1



2



3

Gira E 22 Stainless Steel

4
Automatic control switch 2 Comfort for high installation areas [colour stainless steel lacquered]

5
Push button sensor 3 Plus, 5-gang with laser inscription

6
Electronic blind controller 2

7
Revox multiroom system control unit M217/M218

8
2-gang combination touch control switch with vertical rocker/2-gang socket outlet Chinese and "EURO-US"



8

Gira E 22
Installation types

Cover frames
The Gira E 22 switch range offers two different cover frame variants in all materials for the various mounting types.

The cover frame is just 3 mm thick when installed flat on the wall within a hollow wall or masonry. It integrates itself in the room with a subtle appearance, supported by the vertical switch toggle.

Note: Because of their construction design, Thermoplastic rockers cannot be used flush with the cover frames.

They have a different appearance when installed in a 58 mm flush-mounted box. The cover frame tapers on the back and appears to float a few millimetres in front of the wall.

The Gira E 22 can be installed flat on the wall in 1 to 4-gang cover frames.
1 to 5-gang cover frames can be used for installation in a 58 mm flush-mounted box.

Note: Because of their construction design, not all functions can be used flush with the cover frames in the Gira E 22 switch range.



The cover frame is just 3 mm thick when installed flat on the wall using special installation boxes.

Fig. below:
Gira E 22 Aluminium, 2-gang combination push switch with vertical rocker/2-gang socket outlet Chinese and "EURO-US"



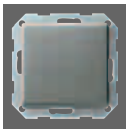


The cover frame tapers back to the wall when installed in the 58 mm flush-mounted box.

Fig. below:
Gira E 22 Aluminium, 2-gang combination Push switch with vertical rocker/2-gang socket outlet Chinese and "EURO-US"



Push switches

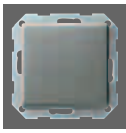


Push switch 10 A 250 V~ with rocker

	Order no.	Packing unit	PS
Universal off/2-way switch[1]			
Stainless Steel	**0126 20**	1/5	11
Aluminium	**0126 203**	1/5	11
pure white glossy	**0126 03**	1/5	01
Intermediate switch			
Stainless Steel	**0127 20**	1/5	11
Aluminium	**0127 203**	1	11
pure white glossy	**0127 03**	1/5	01

[1] If this switch is to be illuminated in accordance with the workplace ordinance, please incorporate a control switch.

Acoustic element with illumination 0935 00 → Page 291.

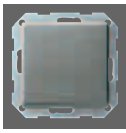


Push switch 10 A 250 V~ with vertical rocker

	Order no.	Packing unit	PS
Universal off/2-way switch[1]			
Stainless Steel	**0121 20**	1/5	11
Aluminium	**0121 203**	1	11
pure white glossy	**0121 201**	1/5	01
Intermediate switch			
Stainless Steel	**0123 20**	1	11
Aluminium	**0123 203**	1	11
pure white glossy	**0123 201**	1/5	01

[1] If this switch is to be illuminated in accordance with the workplace ordinance, please incorporate a control switch.

Acoustic element with illumination 0935 00 → Page 291.

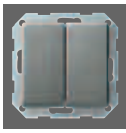


Push switch 10 A 250 V~ with backlit vertical rocker

	Order no.	Packing unit	PS
Universal off/2-way switch			
Stainless Steel	**2850 20**	1/5	11
Aluminium	**2850 203**	1/5	11
Intermediate switch			
Stainless Steel	**2851 20**	1/5	11
Aluminium	**2851 203**	1/5	11

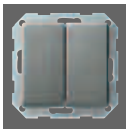
With LED illumination insert, 230 V~. Illuminated in accordance with the workplace ordinance.

Glow lamp elements 0995 00, 0996 00, 0997 00 → Page 290.
LED illumination insert 0497 07, 0497 08, 0497 10, 0497 18, 0992 00, 1405 00 → Page 290.



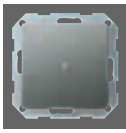
Push switch 10 A 250 V~ with series rockers

	Order no.	Packing unit	PS
Series switch			
Stainless Steel	**0125 20**	1/5	11
Aluminium	**0125 203**	1	11
pure white glossy	**0125 03**	1/5	01
Double 2-way switch			
Stainless Steel	**0128 20**	1/5	11
Aluminium	**0128 203**	1	11
pure white glossy	**0128 03**	1/5	01



Push switch 10 A 250 V~ with vertical series rockers

	Order no.	Packing unit	PS
Series switch			
Stainless Steel	**2860 20**	1/5	11
Aluminium	**2860 203**	1/5	11
pure white glossy	**2860 201**	1/5	01
Double 2-way switch			
Stainless Steel	**2861 20**	1/5	11
Aluminium	**2861 203**	1/5	11
pure white glossy	**2861 201**	1/5	01

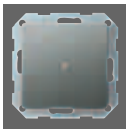


Control push switch 10 A 250 V~ with rocker

	Order no.	Packing unit	PS
Universal off/2-way switch			
Stainless Steel	**0136 20**	1/5	11
Aluminium	**0136 203**	1	11
pure white glossy	**0136 03**	1/5	01
Circuit breaker 2-pole			
Stainless Steel	**0122 20**	1/5	11
Aluminium	**0122 203**	1	11
pure white glossy	**0122 03**	1/5	01

With neon lamp element 230 V~, 1.5 mA. For compliance with the workplace ordinance, can also be connected with illumination.

Glow lamp elements 0995 00, 0996 00, 0997 00 → Page 290.
LED illumination insert 0497 07, 0497 08, 0497 10, 0497 18, 0992 00, 1405 00 → Page 290.



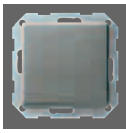
Control push switch 10 A 250 V~ with vertical rocker

	Order no.	Packing unit	PS
Universal off/2-way switch			
Stainless Steel	**0124 20**	1	11
Aluminium	**0124 203**	1	11
pure white glossy	**0124 201**	1/5	01

With neon lamp element 230 V~, 1.5 mA. For compliance with the workplace ordinance, can also be connected with illumination.

Glow lamp elements 0995 00, 0996 00, 0997 00 → Page 290.
LED illumination insert 0497 07, 0497 08, 0497 10, 0497 18, 0992 00, 1405 00 → Page 290.

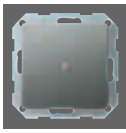
	Order no.	Packing unit	PS



Push switch 10 A 250 V~ with vertical rocker

2-way switch, 1-pole

Stainless Steel	**0130 20**	1/5	11
Aluminium	**0130 203**	1/5	11
pure white glossy	**0130 201**	1/5	01



Push switch 10 A 250 V~with vertical rocker with control window

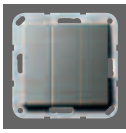
2-way switch, 1-pole

Stainless Steel	**0120 20**	1/5	11
Aluminium	**0120 203**	1/5	11
pure white glossy	**0120 201**	1/5	11

For compliance with the workplace ordinance, can also be connected with illumination.

Glow lamp elements 0995 00, 0996 00, 0997 00 → Page 290.
LED illumination insert 0497 07, 0497 08, 0497 10, 0497 18, 0992 00, 1405 00 → Page 290.

	Order no.	Packing unit	PS



Push button „British Standard" (BS EN 60669-1), 3-gang, 1-pole, 10 A 250 V~

Support ring 71 x 71 mm

Stainless Steel	**2844 20**	10	29
Aluminium	**2844 203**	10	29
pure white glossy	**2844 03**	10	29

Support ring 80 x 80 mm

Stainless Steel	**2845 20**	10	29
Aluminium	**2845 203**	10	29
pure white glossy	**2845 03**	10	29

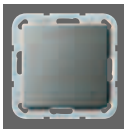
With screw terminals. For screw attachment only.

Cover frames for combinations vertical and horizontal British Standard for support ring 80 x 80 mm, 0211 207, 0211 208, 0211 209 → Page 174.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Rocker switches



Switch „British Standard" (BS EN 60669-1), 2-pole, 20 A 250 V~

Support ring 71 x 71 mm			
Stainless Steel	**2836 20**	10	29
Aluminium	**2836 203**	10	29
pure white glossy	**2836 03**	10	29
Support ring 80 x 80 mm			
Stainless Steel	**2837 20**	10	29
Aluminium	**2837 203**	10	29
pure white glossy	**2837 03**	10	29

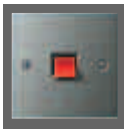
With screw terminals. For screw attachment only.
Cover frames for combinations vertical and horizontal British Standard for support ring 80 x 80 mm, 0211 207, 0211 208, 0211 209 → Page 174.



Switch „British Standard" (BS EN 60669-1), 2-pole, with LED-control light 20 A 250 V~

Support ring 71 x 71 mm			
Stainless Steel	**2834 20**	10	29
Aluminium	**2834 203**	10	29
pure white glossy	**2834 03**	10	29
Support ring 80 x 80 mm			
Stainless Steel	**2835 20**	10	29
Aluminium	**2835 203**	10	29
pure white glossy	**2835 03**	10	29
Stainless Steel	**2834 20**	10	29
Aluminium	**2834 203**	10	29
pure white glossy	**2834 03**	10	29

With screw terminals. For screw attachment only.
LED illumination insert, 230 V~ 0497 10 → Page 290.
Cover frames for combinations vertical and horizontal British Standard for support ring 80 x 80 mm, 0211 207, 0211 208, 0211 209 → Page 174.

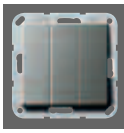


Switch „British Standard" (BS EN 60669-1), 45 A 250 V~

Support ring 80 x 80 mm			
Stainless Steel	**2838 20**	1	29
Aluminium	**2838 203**	1	29
pure white glossy	**2838 03**	1	29

With screw terminals. For screw attachment only.

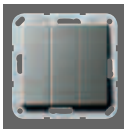
	Order no.	Packing unit	PS



Switch „British Standard" (BS EN 60669-1), 3-gang ON/OFF

Support ring 71 x 71 mm			
Stainless Steel	**2830 20**	10	29
Aluminium	**2830 203**	10	29
pure white glossy	**2830 03**	10	29
Support ring 80 x 80 mm			
Stainless Steel	**2831 20**	10	29
Aluminium	**2831 203**	10	29
pure white glossy	**2831 03**	10	29

With screw terminals. For screw attachment only.
Cover frames for combinations vertical and horizontal British Standard for support ring 80 x 80 mm, 0211 207, 0211 208, 0211 209 → Page 174.



Switch „British Standard" (BS EN 60669-1), 3-gang, 2-way

Support ring 71 x 71 mm			
Stainless Steel	**2832 20**	10	29
Aluminium	**2832 203**	10	29
pure white glossy	**2832 03**	10	29
Support ring 80 x 80 mm			
Stainless Steel	**2833 20**	10	29
Aluminium	**2833 203**	10	29
pure white glossy	**2833 03**	10	29

With screw terminals. For screw attachment only.
Cover frames for combinations vertical and horizontal British Standard for support ring 80 x 80 mm, 0211 207, 0211 208, 0211 209 → Page 174.

	Order no.	Packing unit	PS

Cover plates for switches and push buttons

The following cover plates and rockers are supplied without inserts. Please order separately → Page 275.



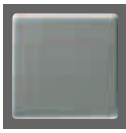
System 2000 touch switching top unit

Stainless Steel (lacquered)	**2261 20**	1/5	02
Aluminium (lacquered)	**2261 203**	1/5	02
pure white glossy	**2261 03**	1/5	02

Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21

	0289 20	5/25	11

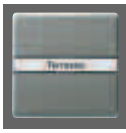
Switching top unit for use with the System 2000 switch inserts. Lighting is controlled by lightly touching the operating area without the movement of mechanical elements.
Touching the area carries out switch-on or switch-off. A blue orientation LED lights up as long as the load is switched off. It goes out when the load is switched on.
System 2000 Tronic switch insert 0866 00 → Page 280.
System 2000 Triac switch insert 0854 00 → Page 280.
System 2000 relay insert 0853 00 → Page 281.
System 2000 relay insert, zero-voltage, 1148 00 → Page 281.
System 2000 HLK relay insert 0303 00 → Page 282.



Rocker for rocker switches and push rockers

Stainless Steel	**0296 20**	10	11
Aluminium	**0296 203**	10	11
pure white glossy	**0296 03**	10/100	21

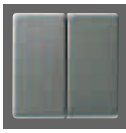
In conjunction with the sealing set and cover frames of stainless steel Series 21, 1 to 5-gang, rocker switches and push rockers can be installed water-protected and flush mounted IP 44 (does not apply for series rockers).
Inserts 0102 00, 0103 00, 0106 00, 0107 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 275.
Bus-coupler push button 0181 00, 0184 00 → Page 422.
Sealing set 0251 20 → Page 168.
Cover frame stainless Steel Series 21, 1 to 5-gang, 0211 21 to 0215 21 → Page 181.



Rocker with inscription space for rocker switches and push rockers

Stainless Steel	**0299 20**	1	11
Aluminium	**0299 203**	1	11
pure white glossy	**0299 03**	10	01

Neutral inscription label is included.
Inserts 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 275.
Bus-coupler push button 0181 00, 0184 00 → Page 422.
Inscription sheets 1455 00 → Page 294.



Series rockers for rocker switches and push rockers

Stainless Steel	**0295 20**	10	11
Aluminium	**0295 203**	5	11
pure white glossy	**0295 03**	10/100	01

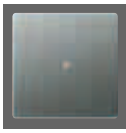
Inserts 0105 00, 0108 00, 0139 00, 0147 00, 0155 00 → Page 275.
Bus coupler push button 0182 00, 0185 00 → Page 422.



Rockers with arrow symbol

Stainless Steel	**0294 20**	10	11
Aluminium	**0294 203**	1	11
pure white glossy	**0294 03**	10/100	01

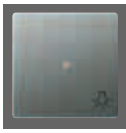
Blind button/switch inserts 0158 00, 0159 00 → Page 277.
Bus-coupler button 0182 00 → Page 422.



Rocker with control window for rocker switches and push rockers

Stainless Steel	**0290 20**	10	11
Aluminium	**0290 203**	1	11
pure white glossy	**0290 03**	10/100	01

Inserts 0102 00, 0103 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 275.
Bus-coupler push button 0181 00, 0184 00 → Page 422.



Rocker with control window and symbol for rocker switches and push rockers

Light

Stainless Steel	**0285 20**	1	11
Aluminium	**0285 203**	1	11
pure white glossy	**0285 03**	10	01

Bell

Stainless Steel	**0286 20**	1	11
Aluminium	**0286 203**	1	11
pure white glossy	**0286 03**	10	01

Door

Stainless Steel	**0287 20**	1	11
Aluminium	**0287 203**	1	11
pure white glossy	**0287 03**	10	01

Inserts 0102 00, 0103 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 275.
Bus-coupler push button 0181 00, 0184 00 → Page 422.



Cover plate with knob for three-stage switch

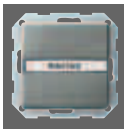
with zero setting

Stainless Steel	**0669 20**	1	02
Aluminium	**0669 203**	1	02
pure white glossy	**0669 03**	1	02

Three-stage switch insert 0149 00 → Page 289.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

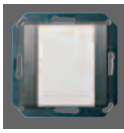


Hotel-card button 10 A 250 V~ with inscription space, can be illuminated

2-way switch, 1-pole

Stainless Steel	**0140 20**	1/5	11
Aluminium	**0140 203**	1	11
pure white glossy	**0140 03**	1	01

The hotel-card button with disassembly safeguard can, for example, take over safety or energy-saving functions. When the hotel-card is removed, any devices which are still switched on are deactivated. The electric circuit is only activated via the push button after insertion of the card.
Additional designs on request.
Glow lamp elements 0995 00, 0996 00, 0997 00 → Page 290.
LED illumination insert 0497 07, 0497 08, 0497 10, 0497 18, 0992 00, 1405 00 → Page 290.
Inscription sheets 1453 00 → Page 294.



Push button sensor 2, 1-gang 24 V, zero-voltage with inscription space

Stainless Steel (lacquered)	**2001 20**	1	02
Aluminium (lacquered)	**2001 203**	1	02
clear/pure white glossy	**2001 100**	1	02

Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21

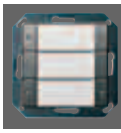
	0289 20	5/25	11

Push button sensor 2 for connection to 24 V control systems **(SELV circuits only)**.
- Rocker with two red LEDs for status indication.
- Disassembly safeguard implemented via its being screwed down.
- Background illumination.
- Neutral-colour inscription labels included.
- Can be lit in accordance with the workplace ordinance.
- Connection of 2 push buttons, 2 LEDs and background illumination via terminal block on the back.

Professional labelling with the Gira Inscription Service **www.marking.gira.com**.

Nominal voltage of push button:	AC/DC 24 V SELV
Load capacity of push button:	max. 20 mA per push button
Nominal voltage of LED:	DC 24 V SELV
Load capacity of LED:	1 mA per LED
Connection:	2 x 9-pole terminal block 0.4 to 0.8 mm single-wire
Temperature range:	-5 °C to +45 °C
Protection type:	IP 20

Inscription sheets 1090 00 → Page 295.



Push button sensor 2, 3-gang 24 V, zero-voltage with inscription space

Stainless Steel (lacquered)	**2003 20**	1	02
Aluminium (lacquered)	**2003 203**	1	02
clear/pure white glossy	**2003 100**	1	02

Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21

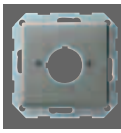
	0289 20	5/25	11

Push button sensor 2 for connection to 24 V control systems **(SELV circuits only)**.
- 3 rockers with two red LEDs each for status indication.
- Disassembly safeguard implemented via its being screwed down.
- Background illumination.
- Neutral-colour inscription labels included.
- Can be lit in accordance with the workplace ordinance.
- Connection of 6 push buttons, 6 LEDs and background illumination via terminal block on the back.

Professional labelling with the Gira Inscription Service **www.marking.gira.com**.

Nominal voltage of push button:	AC/DC 24 V SELV
Load capacity of push button:	max. 20 mA per push button
Nominal voltage of LED:	DC 24 V SELV
Load capacity of LED:	1 mA per LED
Connection:	2 x 9-pole terminal block 0.4 to 0.8 mm single-wire
Temperature range:	-5 °C to +45 °C
Protection type:	IP 20

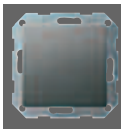
Inscription sheets 1090 00 → Page 295.



Cover plate with support ring for acceptance of command and signal devices with a diameter of ∅ 22.5 mm

Stainless Steel	**0272 20**	1	11
Aluminium	**0272 203**	1	11
pure white glossy	**0272 03**	5	01

For screw attachment. For push buttons, slam buttons, key buttons, non-latching buttons, illuminated buttons, mushroom buttons, selector switches and signal lights, e.g. from Lumitas, Rafi, Elan and Fanal.



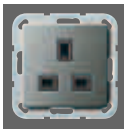
Blind cover plate with support ring

Stainless Steel	**0268 20**	5	11
Aluminium	**0268 203**	1	11
pure white glossy	**0268 03**	10/100	01

For screw attachment.

	Order no.	Packing unit	PS

Socket outlets



Socket outlet „British Standard" (BS 1363-2) 13 A 250 V~

Support ring 71 x 71 mm			
Stainless Steel	**2776 20**	10	29
Aluminium	**2776 203**	10	29
pure white glossy	**2776 03**	10	29
Support ring 80 x 80 mm			
Stainless Steel	**2777 20**	10	29
Aluminium	**2777 203**	10	29
pure white glossy	**2777 03**	10	29

With screw terminals. For screw attachment only.
Cover frames for combinations vertical and horizontal British Standard for support ring 80 x 80 mm, 0211 207, 0211 208, 0211 209 → Page 174.



Socket outlet „British Standard" (BS 1363-2) can be switched off, 13 A 250 V~

Support ring 71 x 71 mm			
Stainless Steel	**2778 20**	10	29
Aluminium	**2778 203**	10	29
pure white glossy	**2778 03**	10	29
Support ring 80 x 80 mm			
Stainless Steel	**2779 20**	10	29
Aluminium	**2779 203**	10	29
pure white glossy	**2779 03**	10	29

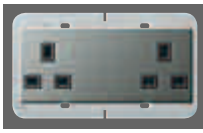
With screw terminals. For screw attachment only.
Cover frames for combinations vertical and horizontal British Standard for support ring 80 x 80 mm, 0211 207, 0211 208, 0211 209 → Page 174.



Socket outlet „British Standard" (BS 1363-2) can be switched off, with LED control light, 13 A 250 V~

Support ring 71 x 71 mm			
Stainless Steel	**2780 20**	10	29
Aluminium	**2780 203**	10	29
pure white glossy	**2780 03**	10	29
Support ring 80 x 80 mm			
Stainless Steel	**2781 20**	10	29
Aluminium	**2781 203**	10	29
pure white glossy	**2781 03**	10	29

With screw terminals. For screw attachment only.
Cover frames for combinations vertical and horizontal British Standard for support ring 80 x 80 mm, 0211 207, 0211 208, 0211 209 → Page 174.



2-gang socket outlet „British Standard" (BS 1363-2) 13 A 250 V~

Support ring 80 x 132 mm			
Stainless Steel	**2782 20**	5	29
Aluminium	**2782 203**	5	29
pure white glossy	**2782 03**	5	29

With screw terminals. For screw attachment only.
Cover frames for combinations vertical and horizontal, without crossbar British Standard for support ring 80 x 132 mm, 1002 207, 1002 208, 1002 209 → Page 175.



2-gang socket outlet „British Standard" (BS 1363-2) can be switched off, 13 A 250 V~

Support ring 80 x 132 mm			
Stainless Steel	**2783 20**	5	29
Aluminium	**2783 203**	5	29
pure white glossy	**2783 03**	5	29

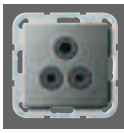
With screw terminals. For screw attachment only.
Cover frames for combinations vertical and horizontal, without crossbar British Standard for support ring 80 x 132 mm, 1002 207, 1002 208, 1002 209 → Page 175.



2-gang socket outlet „British Standard" (BS 1363-2) can be switched off, with LED control light, 13 A 250 V~

Support ring 80 x 132 mm			
Stainless Steel	**2784 20**	5	29
Aluminium	**2784 203**	5	29
pure white glossy	**2784 03**	5	29

With screw terminals. For screw attachment only.
Cover frames for combinations vertical and horizontal, without crossbar British Standard for support ring 80 x 132 mm, 1002 207, 1002 208, 1002 209 → Page 175.



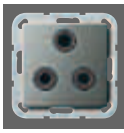
Socket outlet „British Standard" (BS 546), round pin, 5 A 250 V~

Support ring 71 x 71 mm			
Stainless Steel	**2772 20**	10	29
Aluminium	**2772 203**	10	29
pure white glossy	**2772 03**	10	29
Support ring 80 x 80 mm			
Stainless Steel	**2773 20**	10	29
Aluminium	**2773 203**	10	29
pure white glossy	**2773 03**	10	29

With screw terminals. For screw attachment only.
Cover frames for combinations vertical and horizontal British Standard for support ring 80 x 80 mm, 0211 207, 0211 208, 0211 209 → Page 174.

The delivery results subject to countries specific assortments.

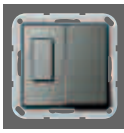
	Order no.	Packing unit	PS



Socket outlet „British Standard" (BS 546), round pin, 15 A 250 V~

Support ring 71 x 71 mm			
Stainless Steel	**2774 20**	10	29
Aluminium	**2774 203**	10	29
pure white glossy	**2774 03**	10	29
Support ring 80 x 80 mm			
Stainless Steel	**2775 20**	10	29
Aluminium	**2775 203**	10	29
pure white glossy	**2775 03**	10	29

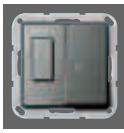
With screw terminals. For screw attachment only.
Cover frames for combinations vertical and horizontal British Standard for support ring 80 x 80 mm, 0211 207, 0211 208, 0211 209 → Page 174.



Fused outlet „British Standard" (BS 1363-4) can be switched off 13 A 250 V~

Support ring 71 x 71 mm			
Stainless Steel	**2785 20**	10	29
Aluminium	**2785 203**	10	29
pure white glossy	**2785 03**	10	29
Support ring 80 x 80 mm			
Stainless Steel	**2786 20**	10	29
Aluminium	**2786 203**	10	29
pure white glossy	**2786 03**	10	29
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21			
	0289 20	5/25	11

New. Available starting January 2013.
With screw terminals. For screw attachment only.
Replacement fuse 0497 36 → Page 293.
Cover frames for combinations vertical and horizontal British Standard for support ring 80 x 80 mm, 0211 207, 0211 208, 0211 209 → Page 174.

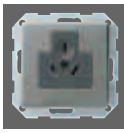


Fused outlet „British Standard" (BS 1363-4) can be switched off, with LED control light, 13 A 250 V~

Support ring 71 x 71 mm			
Stainless Steel	**2787 20**	10	29
Aluminium	**2787 203**	10	29
pure white glossy	**2787 03**	10	29
Support ring 80 x 80 mm			
Stainless Steel	**2788 20**	10	29
Aluminium	**2788 203**	10	29
pure white glossy	**2788 03**	10	29
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21			
	0289 20	5/25	11

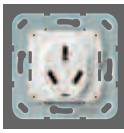
New. Available starting January 2013.
With screw terminals. For screw attachment only.
Replacement fuse 0497 36 → Page 293.
Cover frames for combinations vertical and horizontal British Standard for support ring 80 x 80 mm, 0211 207, 0211 208, 0211 209 → Page 174.

	Order no.	Packing unit	PS



Chinese socket outlet 10 A/250 V~

Stainless Steel	**0420 20**	1	11
Aluminium	**0420 203**	1	11
pure white glossy	**0420 03**	10	01



Chinese socket outlet insert 16 A 250 V~

	0424 100	10/150	01

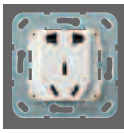
New.
Cover plate for Chinese socket outlet 16 A 2842 .. → Page 141.



Cover plate for Chinese socket outlet 16 A 250 V~

Stainless Steel (lacquered)	**2842 20**	10	29
Aluminium (lacquered)	**2842 203**	10	29
pure white glossy	**2842 03**	10	29

New.
Chinese socket outlet insert 16 A 0424 100 → Page 141.



2-gang socket outlet insert Chinese socket outlet 10 A and „EURO-US" socket outlet 10 A

	0425 100	10/150	01

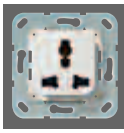
New.
Cover plate for 2-gang socket outlet Chinese socket outlet and EURO-US socket outlet 2843 .. → Page 141.



Cover plate for 2-gang socket outlet Chinese socket outlet 10 A and „EURO-US" socket outlet 10 A

Stainless Steel (lacquered)	**2843 20**	10	29
Aluminium (lacquered)	**2843 203**	10	29
pure white glossy	**2843 03**	10	29

New.
Insert for 2-gang socket outlet Chinese socket outlet and EURO-US socket outlet 425 100 → Page 141.



Chinese socket outlet insert 10 A 250 V~

	0420 100	10	01

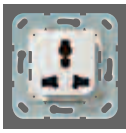
New. Date of delivery upon request.
This product is available only outside Europe.
Cover plate for Chinese socket outlet 10 A 2839 .. → Page 142.



Cover plate for Chinese socket outlet 10 A/250 V~

	Order no.	Packing unit	PS
Stainless Steel (lacquered)	**2839 20**	10	29
Aluminium (lacquered)	**2839 203**	10	29
pure white glossy	**2839 03**	10	29

New. Date of delivery upon request.
This product is available only outside Europe.
Chinese socket outlet insert 10 A 0420 100 → Page 141.



Multinational socket outlet insert

	Order no.	Packing unit	PS
	2815 00	10	29

New. Date of delivery upon request.
This product is available only outside Europe.
Cover plate multinational socket outlet 2841 .. → Page 142.



Cover plate multinational socket outlet

	Order no.	Packing unit	PS
Stainless Steel (lacquered)	**2841 20**	10	29
Aluminium (lacquered)	**2841 203**	10	29
pure white glossy	**2841 03**	10	29

New. Date of delivery upon request.
This product is available only outside Europe.
Multinalional socket outlet insert 2815 00 → Page 142.



Socket outlet with protective contact „EURO-US" 16 A/250 V~

	Order no.	Packing unit	PS
Stainless Steel (lacquered)	**2840 20**	1	29
Aluminium (lacquered)	**2840 203**	1	29
pure white glossy	**2840 03**	1	29

New.



Safety-razor socket outlet according to IEC 61558-2-5 and IEC 61558-1 for 2-gang cover frame without crossbar

	Order no.	Packing unit	PS
Stainless Steel	**2789 20**	1	29
Aluminium	**2789 203**	1	29
pure white glossy	**2789 03**	1	29

New. Available starting January 2013.
Installation possible without cover frame or with System 55 or E22 cover frame, 2-gang without crossbar 1002 ...
Panel box 2819 00 → Page 142.



Panel box for safety razor socket outlet

	Order no.	Packing unit	PS
	2819 00	1	01

New. Available starting January 2013.
Safety razor socket outlet 2789 .. → Page 142.



Socket outlet with earth pin 16 A/250 V~

	with child protection and symbol[1]		
Stainless Steel	**0485 20**	1/5	11
Aluminium	**0485 203**	1	11
pure white glossy	**0485 03**	10	01

Approved according to NF C 61-314 (2003).
With screw terminals.
[1]Increased contact protection pursuant to VDE 0620.



Socket outlet with earth pin and hinged cover 16 A/250 V~

	with child protection and symbol[1]		
Stainless Steel	**0488 20**	10	11
Aluminium	**0488 203**	10	11
pure white glossy	**0488 03**	10	01

In conjunction with the sealing set and cover frames of Stainless Steel Series 21, 1 to 5-gang, socket outlets with an earthing pin and a hinged cover can be installed water-protected and flush-mounted IP 44.
[1]Increased contact protection pursuant to VDE 0620.
Sealing set 0252 20
Cover frame stainless Steel Series 21, 1 to 5-gang, 0211 21 to 0215 21 → Page 181.

	Order no.	Packing unit	PS



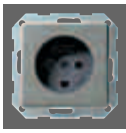
Socket outlet with earth pin 16 A/250 V~ with LED orientation light

with child protection and symbol[1]			
Stainless Steel (lacquered)	**1172 20**	1/5	02
Aluminium (lacquered)	**1172 203**	1/5	02
pure white glossy	**1172 03**	1/5	02

Socket outlet with earthing pin and inserted light strip. The white LEDs project a light corridor downwards. This produces indirect orientation lighting that also avoids bothersome glare in bedrooms. The integrated twilight sensor waits until twilight to automatically switch on die LED light and switches it off again when sufficient daylight is detected. The LED light is completely integrated in the cover plate, eliminating the need for separate connection. **Not** for Stainless Steel Series 20/21. Socket outlets with earth pin are intended for the Belgian market, among others.

Power consumption: 0.25 W/0.35 VA/1.5 mA
Light intensity: 0.2 cd
Protection type: IP 20
Operating temperature: -15 °C to +40 °C

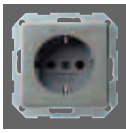
[1] Increased contact protection pursuant to VDE 0620.



Danish socket outlet with protective contact 107-2-D1, DK 1-1a, 16 A/250 V~

with child protection[1]			
Stainless Steel	**0422 20**	1	11
Aluminium	**0422 203**	1	11
pure white glossy	**0422 03**	1/5	01

[1] Increased contact protection pursuant to VDE 0620.



SCHUKO socket outlet 16 A 250 V~

Stainless Steel	**0188 20**	1/5	11
Aluminium	**0188 203**	1/5	11
pure white glossy	**0188 03**	10/100	21
with child protection and symbol[1]			
Stainless Steel	**0453 20**	1/5	11
Aluminium	**0453 203**	1/5	11
pure white glossy	**0453 03**	10/100	01

[1] Increased contact protection pursuant to VDE 0620.



SCHUKO socket outlet 16 A/250 V~ with hinged cover

Stainless Steel	**0454 20**	1/5	11
Aluminium	**0454 203**	1/5	11
pure white glossy	**0454 03**	1/5	01

In conjunction with the sealing set and cover frames of Stainless Steel Series 21, 1 to 5-gang, SCHUKO socket outlets with a hinged cover can be installed water-protected and flush-mounted IP 44.
Sealing set 0252 20 → Page 168.
Cover frame stainless Steel Series 21, 1 to 5-gang, 0211 21 to 0215 21 → Page 181.

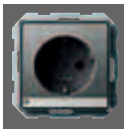
	Order no.	Packing unit	PS



SCHUKO socket outlet 16 A/250 V~ with hinged cover and inscription space

Stainless Steel	**0410 20**	1/5	11
Aluminium	**0410 203**	1	11

Inscription label EDV is included.
Inscription sheets 1453 00 → Page 294.

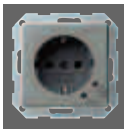


SCHUKO socket outlet 16 A/250 V~ with LED orientation light, child protection and symbol

Stainless Steel (lacquered)	**1170 20**	1/5	02
Aluminium (lacquered)	**1170 203**	1/5	02
pure white glossy	**1170 03**	1/5	02

SCHUKO socket outlet with inserted light strip. The white LEDs project a light corridor downwards. This produces indirect orientation lighting that also avoids bothersome glare in bedrooms. The integrated twilight sensor waits until twilight to automatically switch on die LED light and switches it off again when sufficient daylight is detected. The LED light is completely integrated in the cover plate, eliminating the need for separate connection. **Not** for Stainless Steel Series 20/21.

Power consumption: 0.25 W/0.35 VA/1.5 mA
Light intensity: 0.2 cd
Protection type: IP 20
Operating temperature: -15 °C to +40 °C



SCHUKO socket outlet 16 A/250 V~ with overvoltage protection

Stainless Steel	**0451 20**	1/5	02
Aluminium	**0451 203**	1	02
with inscription space			
pure white glossy	**0451 03**	1/5	02

With audible signal.
Screw terminals included.
Maximum nominal discharge surge current: (8/20) to 4.5 kA

i 33



SCHUKO 2-gang socket outlet 16 A/250 V~ with shaped cover frame

with child protection[1]			
Stainless Steel (lacquered)	**0783 20**	1	11
Aluminium (lacquered)	**0783 203**	1	11
pure white glossy	**0783 03**	1/10	01

Material plastic, surface lacquered.
Fits in any common 60 mm flush-mounted wall box.
[1] Increased contact protection pursuant to VDE 0620.

	Order no.	Packing unit	PS

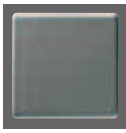
Dimmers



Cover plate with button for dimmer and electronic potentiometer

Stainless Steel	**0650 20**	5	02
Aluminium	**0650 203**	5	02
pure white glossy	**0650 03**	10/100	02

Universal rotary dimmer insert 1176 00 → Page 283.
Auxiliary insert 1177 00 → Page 283.
Light-bulb dimming insert with 2-way turn-off switch 0300 00 → Page 285.
Light-bulb dimming insert 1184 00 → Page 285.
Light bulb dimming insert 0302 00 → Page 285.
Light-bulb dimming insert 1181 00 → Page 285.
Tronic dimming insert 1182 00 → Page 286.
Tronic dimming insert 0307 00 → Page 286.
LV dimming insert 2262 00 → Page 286.
LV dimming insert 1183 00 → Page 286.
Control device LEDOTRON 2290 00 → Page 287.
Electronic potentiometer insert 0308 00, 0309 00 → Page 288.



System 2000 top unit for switching and dimming (touch dimmer cover plate)

Stainless Steel	**2316 20**	1	02
Aluminium	**2316 203**	1	02
pure white glossy	**2316 03**	1	02

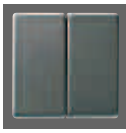
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21

0289 20	5/25	11

New.
Top unit with short-stroke button for use with System 2000. The top unit operates based on the 2-area principle, i.e. there is an upper and lower rocker half used for controlling the inserts.
Operating temperature: -20 °C to +45 °C

System 2000 universal dimming insert 0305 00 → Page 278.
System 2000 LV dimmer insert 0331 00 → Page 278.
System 2000 1–10 V control device insert 0860 00 → Page 279.
System 2000 Tronic switch insert (only switching here) 0866 00 → Page 280.
System 2000 Triac switch insert (only switching here) 0854 00 → Page 280.
System 2000 relay insert (only switching here) 0853 00 → Page 281.
System 2000 relay insert, zero-voltage (only switching here) 1148 00 → Page 281.
System 2000 HLK relay insert (only switching here) 0303 00 → Page 282.
System 2000 impulse insert 0336 00 → Page 282.
System 2000 auxiliary insert 0333 00 → Page 283.

	Order no.	Packing unit	PS



Series top unit for switching and dimming (touch dimmer cover plate)

Stainless Steel	**2315 20**	1	02
Aluminium	**2315 203**	1	02
pure white glossy	**2315 03**	1	02

Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21

0289 20	5/25	11

New.
Top unit with short-stroke button for use with the series dimming insert. The top is for switching on and dimming brighter, while the bottom is for switching off and dimming darker.
Operating temperature: -20 °C to +45 °C

Universal series dimming insert 2263 00 → Page 284.



System 2000 touch dimming top unit

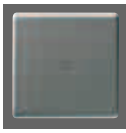
Stainless Steel (lacquered)	**2260 20**	1/5	02
Aluminium (lacquered)	**2260 203**	1/5	02
pure white glossy	**2260 03**	1/5	02

Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21

0289 20	5/25	11

Dimming top unit for use with the System 2000 dimming inserts. Lighting control is carried out by lightly touching the operating area in nine steps without the movement of mechanical elements. A blue status LED, which lights up for orientation as long as the dimmer is switched off, is located in the lower half of the operating area. When this area is touched, the dimmer switches to the stored memory value.
The upper half of the operating area is divided into nine adjacent segments. The lighting can be operated directly from the switched-off state or from another dimming position. By running down this area with a finger, the light can glide to brighter or darker values. The approximate dimming position is indicated with five blue LEDs.

System 2000 universal dimming insert 0305 00 → Page 278.
System 2000 LV dimmer insert 0331 00 → Page 278.
System 2000 1–10 V control device insert 0860 00 → Page 279.



eNet Radio switching/dimming top unit, 1-gang

Stainless Steel	**5490 20**	1	02
Aluminium	**5490 203**	1	02
pure white glossy	**5490 03**	1	02

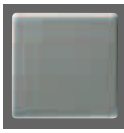
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21

0289 20	5/25	11

New. Available starting May 2013.
The radio license is valid for EU and EFTA countries.
For use in Gira eNet.
Functional description → Page 527.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



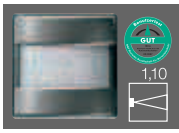
Radio top unit
for switching and dimming
(touch dimmer cover plate)

Stainless Steel	**0543 20**	1/5	02
Aluminium	**0543 203**	1	02
pure white glossy	**0543 03**	1/5	02

For use in the Gira radio bus system.
Functional description → Page 554.

	Order no.	Packing unit	PS

Automatic light



System 2000
Top unit automatic control switches

Standard top unit

Stainless Steel (lacquered)	**1300 20**	1/5	02
Aluminium (lacquered)	**1300 203**	1	02
pure white glossy	**1300 03**	1/5	02

Comfort top unit

Stainless Steel (lacquered)	**0661 20**	1	02
Aluminium (lacquered)	**0661 203**	1	02
pure white glossy	**0661 03**	1	02

Intermediate plate 55 x 55 mm
for Stainless Steel Series 20, 21

	0289 20	5/25	11

Functional description of standard top unit → Page 320.
Functional description of comfort top unit → Page 320.



System 2000
Top unit, automatic control switch 2
for high installation areas

Standard top unit

Stainless Steel (lacquered)	**2301 20**	1/5	02
Aluminium (lacquered)	**2301 203**	1/5	02
pure white glossy	**2301 03**	1/5	02

Comfort top unit

Stainless Steel (lacquered)	**2302 20**	1/5	02
Aluminium (lacquered)	**2302 203**	1/5	02
pure white glossy	**2302 03**	1/5	02

Intermediate plate 55 x 55 mm
for Stainless Steel Series 20, 21

	0289 20	5/25	11

Functional description of standard top unit for high installation areas → Page 321.
Functional description of comfort top unit for high installation areas → Page 322.

	Order no.	Packing unit	PS

LED illumination



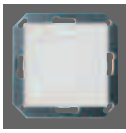
LED orientation light, 230 V~ with pictogram

WC Women and Men			
Stainless Steel	**2791 20**	1	11
Aluminium	**2791 203**	1	11
WC Men			
Stainless Steel	**2792 20**	1	11
Aluminium	**2792 203**	1	11
WC Women			
Stainless Steel	**2793 20**	1	11
Aluminium	**2793 203**	1	11
Wheelchair			
Stainless Steel	**2794 20**	1	11
Aluminium	**2794 203**	1	11
Staircase			
Stainless Steel	**2795 20**	1	11
Aluminium	**2795 203**	1	11
Baby-care room			
Stainless Steel	**2796 20**	1	11
Aluminium	**2796 203**	1	11
Information			
Stainless Steel	**2797 20**	1	11
Aluminium	**2797 203**	1	11
Arrow			
Stainless Steel	**2798 20**	1	11
Aluminium	**2798 203**	1	11
No smoking			
Stainless Steel	**2799 20**	1	11
Aluminium	**2799 203**	1	11
Mobile phones prohibited			
Stainless Steel	**2800 20**	1	11
Aluminium	**2800 203**	1	11
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21			
	0289 20	5/25	11

LED orientation light for private and commercial use. The orientation light is used, for example, to illuminate stairs or as an orientation aid in dark rooms. RGB LEDs are used as lighting elements. The light colours white, blue, red, green and orange can be set consecutively or a continuous cycle over the entire range of colours (approx. 5 min.) can be started via a control input. As a result, any desired colour is set by stopping at the corresponding point. The brightness of the light can be set individually.

Power supply:	230 V AC, 50 Hz
Power consumption:	1.8 W/2.0 VA
Light intensity:	0.8 cd (white)
Protection type:	IP 20
Operating temperature:	-15 °C to +40 °C

	Order no.	Packing unit	PS



LED orientation light, 230 V~ white

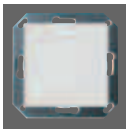
White LED illumination			
	2361 00	1	02
Intermediate plate 55 x 55 mm for E22			
	0289 202	5/25	11
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21			
	0289 20	5/25	11

LED orientation light for private and commercial use. The orientation light is used, for example, to illuminate stairs or as an orientation aid in dark rooms. The brightness of the light can be set individually.
A film can be laid in the cover plate and can be labelled individually. Pictograms for room and route marking can be laid in. Professional labelling with the Gira Inscription Service **www.marking.gira.com**.

Power supply:	230 V AC, 50 Hz
Power consumption:	1,7 W/8,5 VA
Light intensity:	2.2 cd (white)
Protection type:	IP 20
Operating temperature:	-15 °C to +40 °C

Inscription sheets 2870 .. → Page 295.

i 19



LED orientation light, 230 V~ RGB

	1169 00	1	02
Intermediate plate 55 x 55 mm for E22			
	0289 202	5/25	11
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21			
	0289 20	5/25	11

LED orientation light for private and commercial use. The orientation light is used, for example, to illuminate stairs or as an orientation aid in dark rooms. RGB LEDs are used as lighting elements. The light colours white, blue, red, green and orange can be set consecutively or a continuous cycle over the entire range of colours (approx. 5 min.) can be started via a control input. As a result, any desired colour can be set by stopping at the corresponding point. The brightness of the light can be set individually.
A film can be laid in the cover plate and can be labelled individually. Pictograms for room and route marking can be laid in. A stainless-steel slat (for reduction of glare) is included with the LED orientation light.
Professional labelling with the Gira Inscription Service **www.marking.gira.com**.

Power supply:	230 V AC, 50 Hz
Power consumption:	1.8 W/2.0 VA
Light intensity:	1.2 cd (white)
Protection type:	IP 20
Operating temperature:	-15 °C to +40 °C

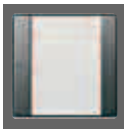
Inscription sheets 2870 .. → Page 295.

i 19

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Push button sensors/cover plates for bus systems



Rocker set 1-gang with inscription space

clear/s. steel	**2131 20**	1	06
Clear/aluminium	**2131 203**	1	06
clear/pure white glossy	**2131 03**	1	06

Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21
0289 20 5/25 11

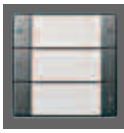
Professional labelling with the Gira Inscription Service **www.marking.gira.com**.
Push button sensor 3 Basic 1-gang 5111 00 → Page 424.
Push button sensor 3 Comfort 1-gang 5131 00 → Page 426.
eNet radio wall transmitter, 1-gang 5331 .. → Page 524.
Inscription sheets 1090 00 → Page 295.



Rocker set 2-gang (1+1) with inscription space

clear/s. steel	**2132 20**	1	06
Clear/aluminium	**2132 203**	1	06
clear/pure white glossy	**2132 03**	1	06

Professional labelling with the Gira Inscription Service **www.marking.gira.com**.
Push button sensor 3 Basic 2-gang (1+1) 5112 00 → Page 425.
Push button sensor 3 Comfort 2-gang (1+1) 5132 00 → Page 427.
Inscription sheets 1090 00 → Page 295.



Rocker set 3-gang with inscription space

clear/s. steel	**2133 20**	1	06
Clear/aluminium	**2133 203**	1	06
clear/pure white glossy	**2133 03**	1	06

Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21
0289 20 5/25 11

Professional labelling with the Gira Inscription Service **www.marking.gira.com**.
Push button sensor 3 Basic 3-gang 5113 00 → Page 425.
Push button sensor 3 Comfort 3-gang 5133 00 → Page 428.
eNet radio wall transmitter, 3-gang 5333 .. → Page 525.
Inscription sheets 1090 00 → Page 295.



Rocker set 4-gang (1+3) with inscription space

clear/s. steel	**2134 20**	1	06
Clear/aluminium	**2134 203**	1	06
clear/pure white glossy	**2134 03**	1	06

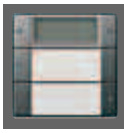
Professional labelling with the Gira Inscription Service **www.marking.gira.com**.
Push button sensor 3 Comfort 4-gang (1+3) 5134 00 → Page 429.
Inscription sheets 1090 00 → Page 295.



Rocker set 6-gang (3+3) with inscription space

clear/s. steel	**2136 20**	1	06
Clear/aluminium	**2136 203**	1	06
clear/pure white glossy	**2136 03**	1	06

Professional labelling with the Gira Inscription Service **www.marking.gira.com**.
Push button sensor 3 Comfort 6-gang (3+3) 5136 00 → Page 430.
Inscription sheets 1090 00 → Page 295.



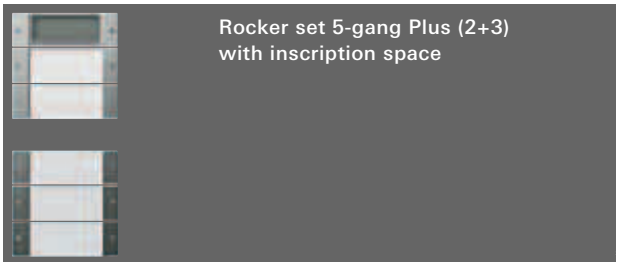
Rocker set 2-gang Plus with inscription space

clear/s. steel	**2142 20**	1	06
Clear/aluminium	**2142 203**	1	06
clear/pure white glossy	**2142 03**	1	06

Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21
0289 20 5/25 11

Professional labelling with the Gira Inscription Service **www.marking.gira.com**.
Push button sensor 3 Plus 2-gang 5142 00 → Page 431.
Inscription sheets 1089 00 → Page 295.

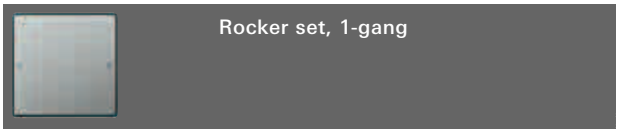
	Order no.	Packing unit	PS



Rocker set 5-gang Plus (2+3) with inscription space

clear/s. steel	**2145 20**	1	06
Clear/aluminium	**2145 203**	1	06
clear/pure white glossy	**2145 03**	1	06

Professional labelling with the Gira Inscription Service **www.marking.gira.com**.
Push button sensor 3 Plus 5-gang (2+3) 5145 00 → Page 434.
Inscription sheets 1089 00, 1090 00 → Page 295.

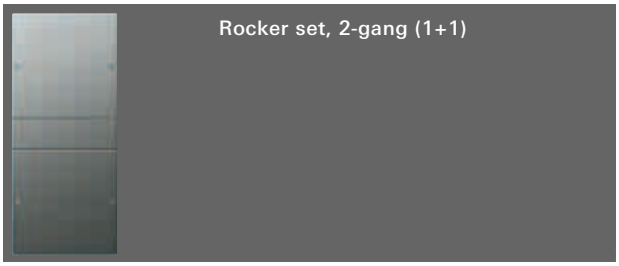


Rocker set, 1-gang

Stainless Steel	**2131 210**	1	06
Aluminium	**2131 211**	1	06

Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21
0289 20 5/25 11

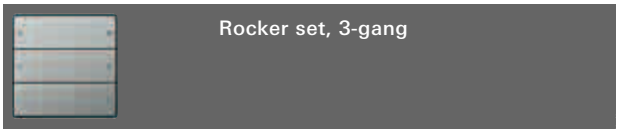
Push button sensor 3 Basic 1-gang 5111 00 → Page 424.
Push button sensor 3 Comfort 1-gang 5131 00 → Page 426.
eNet radio wall transmitter, 1-gang 5331 .. → Page 524.



Rocker set, 2-gang (1+1)

Stainless Steel	**2132 210**	1	06
Aluminium	**2132 211**	1	06

Push button sensor 3 Basic 2-gang (1+1) 5112 00 → Page 425.
Push button sensor 3 Comfort 2-gang (1+1) 5132 00 → Page 427.



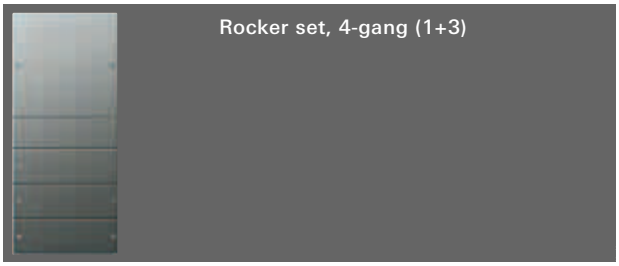
Rocker set, 3-gang

Stainless Steel	**2133 210**	1	06
Aluminium	**2133 211**	1	06

Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21
0289 20 5/25 11

Push button sensor 3 Basic 3-gang 5113 00 → Page 425.
Push button sensor 3 Comfort 3-gang 5133 00 → Page 428.
eNet radio wall transmitter, 3-gang 5333 .. → Page 525.

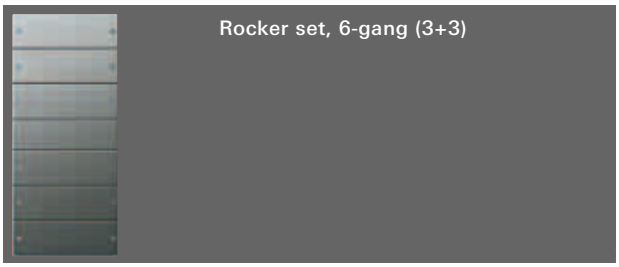
	Order no.	Packing unit	PS



Rocker set, 4-gang (1+3)

Stainless Steel	**2134 210**	1	06
Aluminium	**2134 211**	1	06

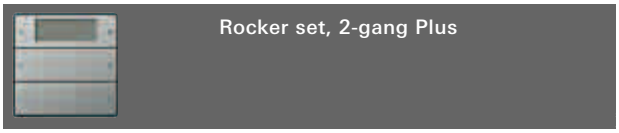
Push button sensor 3 Comfort 4-gang (1+3) 5134 00 → Page 429.



Rocker set, 6-gang (3+3)

Stainless Steel	**2136 210**	1	06
Aluminium	**2136 211**	1	06

Push button sensor 3 Comfort 6-gang (3+3) 5136 00 → Page 430.

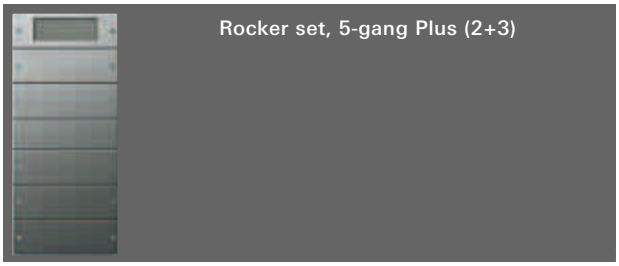


Rocker set, 2-gang Plus

Stainless Steel	**2142 210**	1	06
Aluminium	**2142 211**	1	06

Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21
0289 20 5/25 11

Push button sensor 3 Plus 2-gang 5142 00 → Page 431.



Rocker set, 5-gang Plus (2+3)

Stainless Steel	**2145 210**	1	06
Aluminium	**2145 211**	1	06

Push button sensor 3 Plus 5-gang (2+3) 5145 00 → Page 434.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Rocker set, 1-gang, inscribable

Stainless Steel	**2131 212**	1	07
Aluminium	**2131 213**	1	07

Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21

0289 20	5/25	11

The rocker set with individual inscriptions for the real material rockers is configured via the Gira inscription service at **www.marking.gira.com**. The order process is carried out by the wholesaler specified by you during rocker configuration.
Push button sensor 3 Basic 1-gang 5111 00 → Page 424.
Push button sensor 3 Comfort 1-gang 5131 00 → Page 426.
eNet radio wall transmitter, 1-gang 5331 .. → Page 524.



Rocker set, 2-gang (1+1), inscribable

Stainless Steel	**2132 212**	1	07
Aluminium	**2132 213**	1	07

The rocker set with individual inscriptions for the real material rockers is configured via the Gira inscription service at **www.marking.gira.com**. The order process is carried out by the wholesaler specified by you during rocker configuration.
Push button sensor 3 Basic 2-gang (1+1) 5112 00 → Page 425.
Push button sensor 3 Comfort 2-gang (1+1) 5132 00 → Page 427.



Rocker set, 3-gang, inscribable

Stainless Steel	**2133 212**	1	07
Aluminium	**2133 213**	1	07

Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21

0289 20	5/25	11

The rocker set with individual inscriptions for the real material rockers is configured via the Gira inscription service at **www.marking.gira.com**. The order process is carried out by the wholesaler specified by you during rocker configuration.
Push button sensor 3 Basic 3-gang 5113 00 → Page 425.
Push button sensor 3 Comfort 3-gang 5133 00 → Page 428.
eNet radio wall transmitter, 3-gang 5333 .. → Page 525.

	Order no.	Packing unit	PS



Rocker set, 4-gang (1+3), inscribable

Stainless Steel	**2134 212**	1	07
Aluminium	**2134 213**	1	07

The rocker set with individual inscriptions for the real material rockers is configured via the Gira inscription service at **www.marking.gira.com**. The order process is carried out by the wholesaler specified by you during rocker configuration.
Push button sensor 3 Comfort 4-gang (1+3) 5134 00 → Page 429.



Rocker set, 6-gang (3+3), inscribable

Stainless Steel	**2136 212**	1	07
Aluminium	**2136 213**	1	07

The rocker set with individual inscriptions for the real material rockers is configured via the Gira inscription service at **www.marking.gira.com**. The order process is carried out by the wholesaler specified by you during rocker configuration.
Push button sensor 3 Comfort 6-gang (3+3) 5136 00 → Page 430.



Rocker set, 2-gang Plus, inscribable

Stainless Steel	**2142 212**	1	07
Aluminium	**2142 213**	1	07

Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21

0289 20	5/25	11

The rocker set with individual inscriptions for the real material rockers is configured via the Gira inscription service at **www.marking.gira.com**. The order process is carried out by the wholesaler specified by you during rocker configuration.
Push button sensor 3 Plus 2-gang 5142 00 → Page 431.

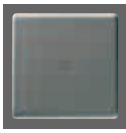
	Order no.	Packing unit	PS



Rocker set, 5-gang Plus (2+3), inscribable

Stainless Steel	**2145 212**	1	07
Aluminium	**2145 213**	1	07

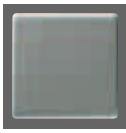
The rocker set with individual inscriptions for the real material rockers is configured via the Gira inscription service at **www.marking.gira.com**. The order process is carried out by the wholesaler specified by you during rocker configuration.
Push button sensor 3 Plus 5-gang (2+3) 5145 00 → Page 434.



eNet
Radio switching/dimming top unit, 1-gang

Stainless Steel	**5490 20**	1	02
Aluminium	**5490 203**	1	02
pure white glossy	**5490 03**	1	02
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21	**0289 20**	5/25	11

New. Available starting May 2013.
The radio license is valid for EU and EFTA countries.
Gira eNet functional description → Page 527.



Radio top unit for switching and dimming (touch dimmer cover plate)

Stainless Steel	**0543 20**	1/5	02
Aluminium	**0543 203**	1	02
pure white glossy	**0543 03**	1/5	02

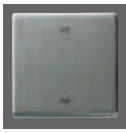
Functional description of radio bus system → Page 554.



eNet
Radio blind control button, 1-gang

Stainless Steel	**5491 20**	1	02
Aluminium	**5491 203**	1	02
pure white glossy	**5491 03**	1	02
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21	**0289 20**	5/25	11

New. Available starting May 2013.
The radio license is valid for EU and EFTA countries.
Gira eNet functional description → Page 527.

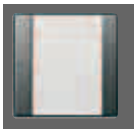


Radio blind control button with sensor evaluation

Stainless Steel	**0545 20**	1/5	02
Aluminium	**0545 203**	1	02
pure white glossy	**0545 03**	1/5	02

Functional description of radio bus system → Page 555.

	Order no.	Packing unit	PS



Push button sensor 2, 1-gang without controller with inscription space

Stainless Steel (lacquered)	**1011 20**	1/5	06
Aluminium (lacquered)	**1011 203**	1/5	06
clear/pure white glossy	**1011 100**	1/5	06
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21	**0289 20**	5/25	11

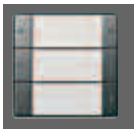
Functional description of radio bus system → Page 550.



Push button sensor 2, 2-gang (1+1) without controller with inscription space

Stainless Steel (lacquered)	**1012 20**	1	06
Aluminium (lacquered)	**1012 203**	1	06
clear/pure white glossy	**1012 100**	1	06

Functional description of radio bus system → Page 550.



Push button sensor 2, 3-gang without controller with inscription space

Stainless Steel (lacquered)	**1013 20**	1/5	06
Aluminium (lacquered)	**1013 203**	1/5	06
clear/pure white glossy	**1013 100**	1/5	06
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21	**0289 20**	5/25	11

Functional description of radio bus system → Page 551.



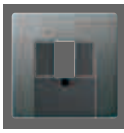
KNX/EIB data interface with inscription space and removal protection

Stainless Steel	**0558 20**	1/5	06
Aluminium	**0558 203**	1	06
pure white glossy	**0558 03**	1	06

For use in the Gira KNX/EIB system.
Functional description → Page 444.

The delivery results subject to countries specific assortments.

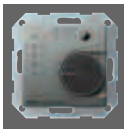
	Order no.	Packing unit	PS



Cover plate for TAE, USB

Stainless Steel	**0876 20**	1	11
Aluminium	**0276 203**	1	11
pure white glossy	**0276 03**	10/100	01
with inscription space			
Stainless Steel	**0276 20**	1	11
Aluminium	**0876 203**	1	11
pure white glossy	**0876 03**	1	01

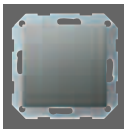
USB data interface UP 1070 00 → Page 475.
Inscription sheets 1453 00 → Page 294.



KNX/EIB
Continuous regulator with 4-gang button interface including bus coupler

Stainless Steel	**2100 20**	1	06
Aluminium	**2100 203**	1	06
pure white glossy	**2100 03**	1	06
Remote sensor	**1493 00**	1	02

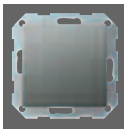
For use in the Gira KNX/EIB system.
Functional description → Page 445.



KNX/EIB
Object regulator with 4-gang button interface including bus coupler

Stainless Steel	**2101 20**	1	06
Aluminium	**2101 203**	1	06
pure white glossy	**2101 03**	1	06
Remote sensor	**1493 00**	1	02

For use in the Gira KNX/EIB system.
Functional description → Page 446.

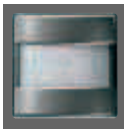


KNX/EIB
CO_2 sensor with humidity and room temperature controller

Stainless Steel	**2104 20**	1	06
Aluminium	**2104 203**	1	06
pure white glossy	**2104 03**	1	06

For use in the Gira KNX/EIB system.
Functional description → Page 447.

	Order no.	Packing unit	PS



KNX/EIB
automatic control switch

Standard top unit			
Stainless Steel (lacquered)	**0880 20**	1	06
Aluminium (lacquered)	**0880 203**	1	06
pure white glossy	**0880 03**	1/5	06
Comfort top unit			
Stainless Steel (lacquered)	**1304 20**	1/5	06
Aluminium (lacquered)	**1304 203**	1	06
pure white glossy	**1304 03**	1/5	06
Standard top unit for high installation areas			
Stainless Steel (lacquered)	**0889 20**	1	06
Aluminium (lacquered)	**0889 203**	1	06
pure white glossy	**0889 03**	1/5	06
Comfort top unit for high installation areas			
Stainless Steel (lacquered)	**1305 20**	1	06
Aluminium (lacquered)	**1305 203**	1	06
pure white glossy	**1305 03**	1/5	06
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21	**0289 20**	5/25	11

For use in the Gira KNX/EIB system.
Functional description of standard top unit → Page 451.
Functional description of comfort top unit → Page 452.
Functional description of standard top unit for high installation areas → Page 451.
Functional description of comfort top unit for high installation areas → Page 453.



KNX/EIB
info display 2
with disassembly safeguard

Stainless Steel	**0510 20**	1/5	06
Aluminium	**0510 203**	1/5	06
pure white glossy	**0510 03**	1/5	06
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21	**0289 20**	5/25	11

For use in the Gira KNX/EIB system.
Functional description → Page 454.

	Order no.	Packing unit	PS

Blind controller



Rockers with arrow symbol

Stainless Steel	**0294 20**	10	11
Aluminium	**0294 203**	1	11
pure white glossy	**0294 03**	10/100	01

Blind button/switch inserts 0158 00, 0159 00 → Page 277.
Bus-coupler button 0182 00 → Page 422.



Cover plate with knob for blind switches/buttons

Stainless Steel	**0666 20**	1	11
Aluminium	**0666 203**	1	11
with symbol plates			
pure white glossy	**0666 03**	5	01

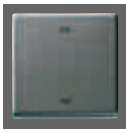
Blind button/switch inserts 0154 00, 0157 00 → Page 277.



Cover plate for 2-pole key switches and 1-pole key switches

Stainless Steel	**0664 20**	1	02
Aluminium	**0664 203**	1	02
pure white glossy	**0664 03**	1/5	02

Key switch inserts 0144 00, 0163 00 → Page 277.
Profile semi-cylinder locks 0001 00, 0002 00, 0003 00 → Page 293.



Blind control button standard top unit

Stainless Steel	**2324 20**	1	02
Aluminium	**2324 203**	1	02
pure white glossy	**2324 03**	1	02
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21	**0289 20**	5/25	11

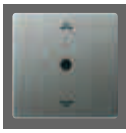
New.
Functional description → Page 311.



Blind control button top unit

Stainless Steel	**2328 20**	1	02
Aluminium	**2328 203**	1	02
pure white glossy	**2328 03**	1	02
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21	**0289 20**	5/25	11

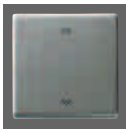
New.
Functional description → Page 311.



Blind control button top unit with sensor evaluation

Stainless Steel	**0820 20**	1/5	02
Aluminium	**0820 203**	1	02
pure white glossy	**0820 03**	1/5	02

Functional description → Page 312.



Top unit for blind control button with memory function and sensor evaluation

Stainless Steel	**0822 20**	1/5	02
Aluminium	**0822 203**	1	02
pure white glossy	**0822 03**	1/5	22

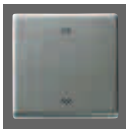
Functional description → Page 312.



eNet Radio blind control button, 1-gang

Stainless Steel	**5491 20**	1	02
Aluminium	**5491 203**	1	02
pure white glossy	**5491 03**	1	02
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21	**0289 20**	5/25	11

New. Available starting May 2013.
The radio license is valid for EU and EFTA countries.
For use in Gira eNet.
Functional description → Page 527.



Radio blind control button with sensor evaluation

Stainless Steel	**0545 20**	1/5	02
Aluminium	**0545 203**	1	02
pure white glossy	**0545 03**	1/5	02

For use in the Gira radio bus system.
Functional description → Page 555.



Top unit electronic blind controller "easy"

Stainless Steel	**0841 20**	1/5	02
Aluminium	**0841 203**	1	02
pure white glossy	**0841 03**	1/5	22

Functional description → Page 314.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Time switch



Cover plate with knob for timer

15 minutes			
Stainless Steel	**0640 20**	1	02
Aluminium	**0640 203**	1	02
120 minutes			
Stainless Steel	**0642 20**	1	02
Aluminium	**0642 203**	1	02
with symbol plates			
pure white glossy	**0666 03**	5	01

For screw attachment only.
Timer inserts 0320 00, 0321 00 → Page 277.



Electronic time clock "easy" 230 V~

0 – 1000 W/VA			
Stainless Steel	**1175 20**	1	02
Aluminium	**1175 203**	1	02
pure white glossy	**1175 03**	1	02

The time clock is installed in a 60 mm flush-mounted box (deep box recommended). The device enables programmed, time-controlled switching of various lighting elements.

- 2 switch-on and 2 switch-off times each for Mo - Fr and Sa + Su.
- Programmed switching times are permanently retained.
- Time is retained for approx. 4 hours in case of a power failure (maintenance-free without batteries).
- Automatic summer/winter changeover.

Rated voltage:	AC 230 V, 50 Hz, N conductor required
Contact rating:	1000 W light bulbs 1000 W HV halogen 750 VA LV halogen for wound transformer with at least 85 % rated load 750 W LV halogen, Gira Tronic transformer 500 VA fluorescent lamps, not compensated 400 VA fluorescent lamps, parallel-compensated 1000 VA fluorescent lamps, dual switching
Ambient temperature:	0 °C to +45 °C
Connection:	Screw terminals for max. 2.5 mm^2 or 2 x 1.5 mm^2

i 63

	Order no.	Packing unit	PS



Electronic time clock 230 V~(AC)

0 – 1000 W/VA			
Stainless Steel	**0385 20**	1	02
Aluminium	**0385 203**	1	02
pure white glossy	**0385 03**	1	02

The time clock is installed in a 60 mm flush-mounted box (deep box recommended).
The device enables programmed, time-controlled switching of various lighting elements up to max. 1,000 W.

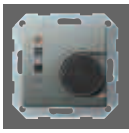
- 2 independent program memories for different types of use in the house.
- Switching times preset at the factory for fast commissioning.
- Up to 18 switching times can be programmed.
- Easy, menu-driven operation and programming via a 4-button field.
- Power reserve up to 24 hours (maintenance-free without batteries).
- Resetting of the time clock to the factory settings.
- Random generator can be activated; works in the range of ± 15 min.
- Astro function with individual Astro time shift (± 2 hours) depending on the place of use.
- Easy switchover between summer/winter time.
- Timer function (automatic switch-off after set time).
- Manual actuation possible at all times.
- Control via 2 separate auxiliary inputs possible.
- Zero-voltage contact (not suitable for disconnection).

Rated voltage:	AC 230 V, 50 Hz, N conductor required
Contact rating:	1000 W light bulbs 1000 W HV halogen 750 VA LV halogen for wound transformer with at least 85 % rated load 750 W LV halogen, Gira Tronic transformer 500 VA fluorescent lamps, not compensated 400 VA fluorescent lamps, parallel-compensated 1000 VA fluorescent lamps, dual switching
Ambient temperature:	0 °C to +45 °C
Connection:	Screw terminals for max. 2.5 mm^2 or 2 x 1.5 mm^2
Ambient temperature:	0 °C to +45 °C
Connection:	Screw terminals for max. 2.5 mm^2 or 2 x 1.5 mm^2

i 63

	Order no.	Packing unit	PS

Room temperature controller



Room temperature controller 230 V~

230/10 (4) A~ with NC contact and on/off switch with control lamp[1)]

Stainless Steel	**0392 20**	1/5	02
Aluminium	**0392 203**	1	02
pure white glossy	**0392 03**	1/5	22

230/10 (4) A~ with NC contact[1)]

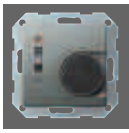
Stainless Steel	**0390 20**	1/5	02
Aluminium	**0390 203**	1	02
pure white glossy	**0390 03**	1/5	02

230/5 (2) A~ with 2-way switch[2)]

Stainless Steel	**0396 20**	1/5	02
Aluminium	**0396 203**	1	02
pure white glossy	**0396 03**	1/5	02

For screw attachment only. Flat design.
[1)]Contact rating: 2200 W.
Night-time reduction: approx. 4 K.
[2)]Rated heating current: 10(4) A.
Contact rating for heating: 2200 W.
Rated cooling current: 5(2) A.
Contact rating for cooling: 1100 W.
Thermal valve drive 230 V~ 1122 00 → Page 509.

i 35



Room temperature controller 24 V~

24/10 (4) A~ with NC contact and on/off switch with control lamp[1)]

Stainless Steel	**0393 20**	1/5	02
Aluminium	**0393 203**	1	02
pure white glossy	**0393 03**	1/5	02

24/10 (4) A~ with NC contact[1)]

Stainless Steel	**0391 20**	1/5	02
Aluminium	**0391 203**	1	02
pure white glossy	**0391 03**	1/5	02

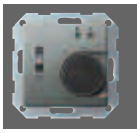
24/5 (2) A~ with 2-way switch[2)]

Stainless Steel	**0397 20**	1/5	02
Aluminium	**0397 203**	1	02
pure white glossy	**0397 03**	1/5	02

For screw attachment only. Flat design.
[1)]Contact rating: 240 W.
Night-time reduction: approx. 4 K.
[2)]Rated heating current: 10(4) A.
Contact rating for heating: 240 W.
Rated cooling current: 5(2) A.
Contact rating for cooling: 120 W.
Thermal valve drive 24 V 1123 00 → Page 510.

i 36

	Order no.	Packing unit	PS



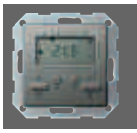
Room temperature controller 230 V~ with sensor, for electrical floor heating

230/10 (4) A~ with NO contact

Stainless Steel	**0394 20**	1	02
Aluminium	**0394 203**	1	02
pure white glossy	**0394 03**	1	02

For screw attachment only.
Night-time reduction: approx. 5 K.
Contact rating: 2200 W.
Flat construction.
With remote sensors on 4 m cable (2 x 0.5 mm^2), can be extended to 50 m with 1.5 mm^2 2-lead cable. Sensors in plastic cap with 8.5 mm diameter and length of 40 mm.
Lay remote sensors in empty pipe in floor.

i 35



Room temperature controller clock with cooling function

Stainless Steel	**2370 20**	1	02
Aluminium	**2370 203**	1	02
pure white glossy	**2370 03**	1	02

Electronic room temperature controller with integrated time delay switch for temperature-based single-room control. Heating units can be controlled directly via the switched output for example.

- Automatic switching of operating modes heating or cooling via separate input.
- Room temperature control via an internal and/or external temperature sensor as a room-temperature controller, as a floor-temperature controller or as a floor-temperature limiter.
- Time program with up to 32 switching points (default settings pre-programmed at the factory).
- Separate program for cooling function.
- Party function for extending the comfort temperature by 1, 2 or 3 hours, or until the next switching point.
- Energy-saving function for manual activation of the night-time reduction until the next switching point.
- Automatic summer/winter changeover.
- The hour display can be toggled between 12 and 24-hour mode.
- Self-teaching heating optimisation.
- Vacation reduction via date input.
- Remote sensor **1302 00** for measuring or controlling the floor temperature.

Rated voltage:	230 V, 50 Hz N conductor required
Contact rating:	8 (4) A 1 NO contact, with equipotential bonding (relay contact)
Temperature range:	+10 °C to +40 °C (comfort/night-time reduction) +5 °C to +15 °C (frost protection temperature)
Ambient temperature:	0 °C to +50 °C

Remote sensor 1302 00 → Page 59.
Thermal valve drive 230 V~ 1122 00 → Page 59.

i 37

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Remote sensors for room-temperature controller with clock

black	**1302 00**	1	02

Remote sensors with 4 m PVC line for measurement of floor temperature in conjunction with the room-temperature controller with clock **2370 ...** Sensors in plastic cap with 6 mm diameter and length of 43 mm.

Room temperature controller with clock 2370 ... → Page 154.

i 4



Radio room temperature sensor with clock

Stainless Steel	**1186 20**	1	02
Aluminium	**1186 203**	1	02
pure white glossy	**1186 03**	1	02

For use in the Gira radio bus system.
Functional description → Page 548.



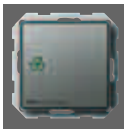
Electronic hygrostat 230 V~(AC)

Stainless Steel	**2265 20**	1	02
Aluminium	**2265 203**	1	02
pure white glossy	**2265 03**	1	02

The hygrostat detects the humidity and the room temperature via internal sensors and calculates the optimum humidity of the air for the respective measured temperature. For example, if the humidity exceeds the value set on the rotary knob, the hygrostat switches on a fan to dehumidify the room.
A fixed setpoint control that can be activated by the installer (e.g. in public buildings) prevents unauthorised changing of the humidity setpoint: In this case, 60 % relative humidity is permanently set, regardless of the position of the rotary knob on the front of the device.
To prevent continuous operation of the fan with a generally high ambient humidity (e.g. when thunderstorms are possible), the hygrostat monitors the switch-on time. If the humidity does not drop below the set value after 1 hour, ventilation is interrupted for 4 hours. This interruption is indicted by an LED and can be manually influenced with a button.

Rated voltage:	230 V, 50 Hz
Contact rating:	8 (4) A 1 NO contact, with equipotential bonding (relay contact)
Control range:	20 % to 95 % rel. humidity
Measuring tolerance:	± 5% rel. humidity
Switching differential:	± 2%
Protection type:	IP 20
Operating temperature:	0 °C to +50 °C
Cable length to load:	max. 100 m

	Order no.	Packing unit	PS



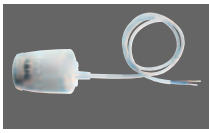
Ambient air sensor CO_2

Stainless Steel (lacquered)	**2381 20**	1	02
Aluminium (lacquered)	**2381 203**	1	02
pure white glossy	**2381 03**	1	02

Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21
0289 20 5/25 11

CO_2-sensor for monitoring CO_2 concentration in the ambient air. The air quality is displayed via a coloured (green or red) back-lit symbol (can be deactivated). Buzzer tone (can be switched off) when adjustable limit value is exceeded. Relay 2-way switch for controlling functions (not suitable for direct switching). Operating elements (DIP switches, potentiometers) are located on the rear of the measuring module; remove the measuring module from the supply module to locate them.

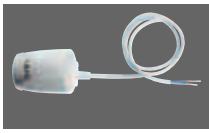
Operating voltage:	110 V~ to 230 V~ AC, 50 Hz
Limit value definition:	can be set from 800 to 1,500 ppm
Power consumption:	≤ 3W
Relay output:	4 A



Thermal valve drive 230 V~

1122 00 1/5 06

Functional description → Page 509.



Thermal valve drive 24 V

1123 00 1/5 06

Functional description → Page 510.

	Order no.	Packing unit	PS

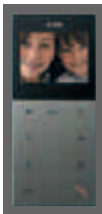
Door communication system



Surface-mounted home station

Stainless Steel	**1250 20**	1	18
Aluminium	**1250 203**	1	18
pure white glossy	**1250 03**	1	18

Additional products in door communication system and functional description → Page 363.



Surface-mounted home station video

Stainless Steel (lacquered)	**1279 20**	1	10
Aluminium (lacquered)	**1279 203**	1	10
pure white glossy	**1279 03**	1	10

Additional products in door communication system and functional description → Page 364.



Home station

Stainless Steel	**1280 20**	1	18
Aluminium	**1280 203**	1	18
transparent white			
pure white glossy	**1280 103**	1	18
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21	**0289 20**	5/25	11

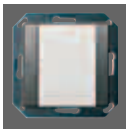
Additional products in door communication system and functional description → Page 366.



Home station receiver

Stainless Steel	**1281 20**	1	18
Aluminium	**1281 203**	1	18
pure white glossy	**1281 03**	1	18
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21	**0289 20**	5/25	11

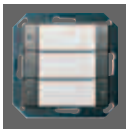
Additional products in door communication system and functional description → Page 367.



Call button, 1-gang for home station

Stainless Steel (lacquered)	**1283 20**	1	18
Aluminium (lacquered)	**1283 203**	1	18
transparent white	**1283 100**	1	18
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21	**0289 20**	5/25	11

Additional products in door communication system and functional description → Page 367.



Call button, 3-gang for home station

Stainless Steel (lacquered)	**1285 20**	1	18
Aluminium (lacquered)	**1285 203**	1	18
transparent white	**1285 100**	1	18
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21	**0289 20**	5/25	11

Additional products in door communication system and functional description → Page 368.



TFT colour display

Stainless Steel	**1286 20**	1	10
Aluminium	**1286 203**	1	10
pure white glossy	**1286 03**	1	10
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21	**0289 20**	5/25	11

Additional products in door communication system and functional description → Page 368.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Surface-mounted gong

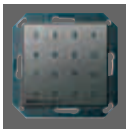
Stainless Steel	**1200 20**	1	18
Aluminium	**1200 203**	1	18
pure white glossy	**1200 03**	1	18

Additional products in door communication system and functional description → Page 373.

	Order no.	Packing unit	PS

Keyless In

As standalone device or in combination with the Gira door communication system, enables convenient door opening for authorised persons.



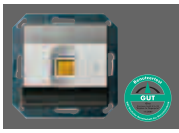
Keyless In Keypad

Stainless Steel (lacquered)	**2605 20**	1	10
Aluminium (lacquered)	**2605 203**	1	10
pure white glossy	**2605 03**	1	10

Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21

	0289 20	5/25	11

For use as a separate device or in the Gira door communication system. Functional description → Page 382.



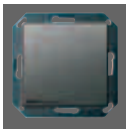
Keyless In Fingerprint reader

Stainless Steel (lacquered)	**2607 20**	1	10
Aluminium (lacquered)	**2607 203**	1	10
pure white glossy	**2607 03**	1	10

Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21

	0289 20	5/25	11

For use as a separate device or in the Gira door communication system. Functional description → Page 383.



Keyless In Transponder reader

System 55

Stainless Steel (lacquered)	**2606 20**	1	10
Aluminium (lacquered)	**2606 203**	1	10
pure white glossy	**2606 03**	1	10

Programming card

orange	**2608 00**	1	10

Transponder key active

black	**2609 00**	1	10

Transponder card passive

black/silver	**2611 00**	1	18

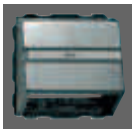
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21

	0289 20	5/25	11

For use as a separate device or in the Gira door communication system. Functional description → Page 384.

	Order no.	Packing unit	PS

Communication Technology

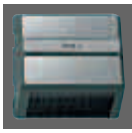


Data cap with support ring and inscription space for data and communication connection-technology inserts

Stainless Steel	**0870 20**	1/5	11
Aluminium	**0870 203**	1	11
pure white glossy	**0870 03**	1	01

For screw attachment only.
For vertical and 30° tilted socket outlet.
Inserts for data caps → Page 398.
Inscription sheets 1457 00 → Page 294.

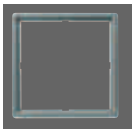
i 11



Attachable covering cap for device with cover plate (50 x 50 mm) and angled socket outlet

Stainless Steel	**0682 20**	1/5	11
Aluminium	**0682 203**	1	11
pure white glossy	**0682 03**	1	01

Devices with a square central plate (50 x 50 mm) from other manufacturers, e.g. from Alcatel, AMP Econo Link System, Brand-Rex, BTR, Kannegieter BICC Brand Rex, Krone, Molex, Reichle de Massari, Rutenbeck, Schumann Netzwerktechnik RJ 45 connection box Cat. 5 BIIC, Siemens ICCS 100 and 300, Telegärtner, Telenorma, TKM, Quante and Panduit (2-gang MSCSP 2) can be integrated in the switch range with this cover cap and and cover frame (1 to 5-gang).
Cover plate for UAE/IAE (ISDN) 0270 20, 0284 20 → Page 158.
Inscription sheets 1455 00 → Page 294.



Intermediate plate with square cut-out for devices with cover plate (50 x 50 mm)

Stainless Steel (lacquered)	**0282 20**	5/25	11
Aluminium (lacquered)	**0282 203**	1	11
pure white glossy	**0282 03**	5/25	01

With this intermediate plate and cover frame (1 to 5-gang), devices from other manufacturers with a square central plate (50 x 50 mm), e.g. Alcatel, AMP Econo Link System, Brand-Rex, BTR, Cellpack ITT Cannon Cat. 5, Deutsche Telekom, Drahtex, Hirose, Kannegieter BICC Brand Rex, Kerpen ELine 600, Krone, Molex, Nedap, Panduit, Quante, Reichle de Massari, Rutenbeck, Schumann Netzwerktechnik, HomeWay, Siemens ICCS 100, 300 and 600, Telegärtner, Telenorma, TKM (4 x RJ 45) shielded, Cat. 5) etc. can be integrated in the switch range.



Intermediate plate with round cut-out and hinged cover with inscription space for devices with cover plate (50 x 50 mm)

Stainless Steel	**0681 20**	5/25	11
Aluminium	**0681 203**	1	11

Devices of other manufacturers with square central plates can be integrated in the switch range with this intermediate plate and cover frame (1 to 5-gang).
Inscription sheets 1453 00 → Page 294.

Telecommunication



Cover plate for TAE, USB

Stainless Steel	**0876 20**	1	11
Aluminium	**0276 203**	1	11
pure white glossy	**0276 03**	10/100	01
with inscription space			
Stainless Steel	**0276 20**	1	11
Aluminium	**0876 203**	1	11
pure white glossy	**0876 03**	1	01

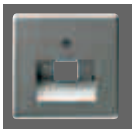
Suitable for all common TAE connection boxes.
TAE connection boxes 1100 10, 0032 10, 0033 10 → Page 400.
Inscription sheets 1453 00 → Page 294.



Cover plate for TDO connection box

(for Austria only)			
Stainless Steel	**0860 20**	5	11
Aluminium	**0260 203**	1	11
pure white glossy	**0260 03**	5	01
with inscription space (for Austria only)			
Stainless Steel	**0260 20**	1	11
Aluminium	**0860 203**	1	11
pure white glossy	**0860 03**	1	01

Suitable for all common TDO connection boxes.
Inscription sheets 1453 00 → Page 294.



Cover plate for UAE/IAE (ISDN) and network connection box

Stainless Steel (lacquered)	**0270 20**	5	11
Aluminium (lacquered)	**0270 203**	1	11
pure white glossy	**0270 03**	10/100	01
with inscription space			
Stainless Steel (lacquered)	**0284 20**	1	11
Aluminium (lacquered)	**0284 203**	1	11
pure white glossy	**0284 03**	5	01

Cover plate can be broken out.
Suitable for UAE/IAE (ISDN) connection boxes.
UAE/IAE (ISDN) connection boxes 0179 00, 0186 00, 0187 00, 0188 00, 0189 00, 0190 00 → Page 400.
Network connection boxes 0166 00, 0178 00, 0180 00, 2451 00, 2452 00 → Page 400.
Network connection box HomePlug AV 2750 00 → Page 405.
Attachable covering cap 0682 .. → Page 158.
Inscription sheets 1453 00 → Page 294.

E22 Stainless Steel, Aluminium, Thermoplastic

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Cover plate for cable branch and telecommunications connector socket

Stainless Steel	**0274 20**	5	11
Aluminium	**0274 203**	1	11
pure white glossy	**0274 03**	5	01

Fits all common telecommunications connector sockets.
Cable branch insert 0400 00 → Page 293.



Cover plate for Belgacom connection box

Stainless Steel	**0280 20**	1	11
Aluminium	**0280 203**	1	11
pure white glossy	**0280 03**	1	01

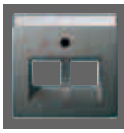
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21

	0289 20	5/25	11

Inserts available from wholesalers.

	Order no.	Packing unit	PS

Data systems technology



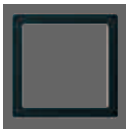
Cover plate for Modular Jack support ring with inscription field and 30° angled socket outlet

Stainless Steel	**2640 20**	10	11
Aluminium	**2640 203**	10	11
pure white glossy	**2640 03**	10	01

New. Available starting February 2013.
Support ring for Modular Jack 5601 00, 5602 00, 5603 00, 5604 00, 5605 00, 5606 00, 5607 00, 5608 00, 5609 00, 5610 00 → Page 401.

	Order no.	Packing unit	PS

Data and communication connection technology



Mounting frame

Matt black	**2648 20**	5/25	11
pure white glossy	**2648 03**	5/25	01

New. Available starting February 2013.
Suitable for multimedia inserts 5630 .., 5631 .., 5632 .., 5633 .., 5634 .., 5635 .., 5636 .., 5637 .., 5638 .., 5639 .., 5640 .., 5641 .., 5642 .., 5643 .., 5644 .., 5645 .., 5646 .., 5647 .., 5648 .., 5649 .., 5650 .., 5651 .., 5652 .., 5653 .., 5654 .., 5655 .., 5656 .., 5657 .., 5658 .., 5659 .., 5660 .., 5661 .., 5662 .., 5663 .., 5664 .., 5665 .., 5666 .., 5667 .., 5668 .., 5669 .., 5670 .., 5671 .., 5672 .., 5673 .., 5674 .., 5675 .., 5676 .., 5677 .., 5678 .., 5679 .., 5680 .., 5681 .., 5682 .., 5683 .., 5684 .., 5685 .., 5686 .., 5687 .., 5688 .., 5689 .., 5690 .., 5691 .., 5692 .., 5693 .., 5694 .., 5695 .., 5696 .., 5697 .., 5698 .., 5699 ..



Mounting frame with hinged cover

Stainless Steel	**2658 20**	1	11
Aluminium	**2658 203**	1	01
pure white glossy	**2658 03**	1	01

New. Available starting March 2013.
Suitable for multimedia inserts 5631 .., 5632 .., 5633 .., 5634 .., 5635 .., 5636 .., 5637 .., 5638 .., 5639 .., 5640 .., 5641 .., 5642 .., 5643 .., 5644 .., 5645 .., 5646 .., 5647 .., 5648 .., 5649 .., 5650 .., 5651 .., 5652 .., 5653 .., 5654 .., 5655 .., 5656 .., 5657 .., 5658 .., 5659 .., 5660 .., 5661 .., 5662 .., 5663 .., 5664 .., 5667 .., 5669 .., 5670 .., 5671 .., 5672 .., 5673 .., 5674 .., 5675 .., 5676 .., 5677 .., 5678 .., 5679 .., 5680 .., 5681 .., 5682 .., 5683 .., 5684 .., 5685 .., 5686 .., 5687 .., 5688 .., 5689 .., 5690 .., 5691 .., 5692 .., 5693 .., 5694 .., 5695 .., 5696 .., 5697 .., 5698 .., 5699 ..



BNC insert, 2-gang

Crimp connection			
Matt black	**5630 10**	1	01
pure white glossy	**5630 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.

i 12

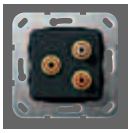


Cinch audio insert

Solder termination			
Matt black	**5632 10**	1	01
pure white glossy	**5632 03**	1	01
Gender changer			
Matt black	**5631 10**	1	01
pure white glossy	**5631 03**	1	01
Breakout cable			
Matt black	**5633 10**	1	01
pure white glossy	**5633 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

i 12

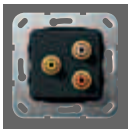


Cinch audio and mini jack 3.5 mm insert

Gender changer			
Matt black	**5634 10**	1	01
pure white glossy	**5634 03**	1	01
Breakout cable			
Matt black	**5635 10**	1	01
pure white glossy	**5635 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

i 12



Cinch audio and composite video insert

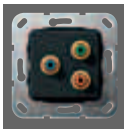
Solder termination			
Matt black	**5638 10**	1	01
pure white glossy	**5638 03**	1	01
Gender changer			
Matt black	**5636 10**	1	01
pure white glossy	**5636 03**	1	01
Breakout cable			
Matt black	**5637 10**	1	01
pure white glossy	**5637 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

i 12

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Component video insert

Solder termination

Matt black	**5641 10**	1	01
pure white glossy	**5641 03**	1	01

Gender changer

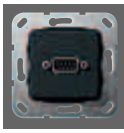
Matt black	**5639 10**	1	01
pure white glossy	**5639 03**	1	01

Breakout cable

Matt black	**5640 10**	1	01
pure white glossy	**5640 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

i 12



Sub D 9-pole insert

Solder termination

Matt black	**5642 10**	1	01
pure white glossy	**5642 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

i 12



Sub D 15-pole insert

Solder termination

Matt black	**5643 10**	1	01
pure white glossy	**5643 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

i 12



DVI (24+5) insert

Gender changer

Matt black	**5644 10**	1	01
pure white glossy	**5644 03**	1	01

Breakout cable

Matt black	**5645 10**	1	01
pure white glossy	**5645 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

i 12

	Order no.	Packing unit	PS



Cinch audio and DVI (24+5) insert

Gender changer

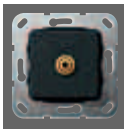
Matt black	**5646 10**	1	01
pure white glossy	**5646 03**	1	01

Breakout cable

Matt black	**5647 10**	1	01
pure white glossy	**5647 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

i 12



Mini jack 3.5 mm insert

Gender changer

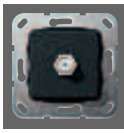
Matt black	**5648 10**	1	01
pure white glossy	**5648 03**	1	01

Breakout cable

Matt black	**5649 10**	1	01
pure white glossy	**5649 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

i 12



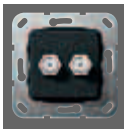
SAT F pin jack insert

Gender changer

Matt black	**5650 10**	1	01
pure white glossy	**5650 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

i 12



SAT F pin jack insert, 2-gang

Gender changer

Matt black	**5651 10**	1	01
pure white glossy	**5651 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

i 12

	Order no.	Packing unit	PS



VGA insert

Gender changer

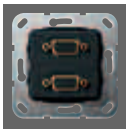
Matt black	**5652 10**	1	01
pure white glossy	**5652 03**	1	01

Breakout cable

Matt black	**5653 10**	1	01
pure white glossy	**5653 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

i 12



VGA insert, 2-gang

Gender changer

Matt black	**5654 10**	1	01
pure white glossy	**5654 03**	1	01

Breakout cable

Matt black	**5655 10**	1	01
pure white glossy	**5655 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

i 12



Cinch audio and VGA insert

Gender changer

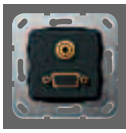
Matt black	**5656 10**	1	01
pure white glossy	**5656 03**	1	01

Breakout cable

Matt black	**5657 10**	1	01
pure white glossy	**5657 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

i 12



VGA and mini jack 3.5 mm insert

VGA coupler, breakout cable mini jack

Matt black	**5658 10**	1	01
pure white glossy	**5658 03**	1	01

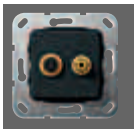
Breakout cable

Matt black	**5659 10**	1	01
pure white glossy	**5659 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

i 12

	Order no.	Packing unit	PS



Composite video and S-video insert

Breakout cable

Matt black	**5660 10**	1	01
pure white glossy	**5660 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

i 12



Cinch audio, composite video and S-video insert

Gender changer

Matt black	**5661 10**	1	01
pure white glossy	**5661 03**	1	01

Breakout cable

Matt black	**5662 10**	1	01
pure white glossy	**5662 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

i 12



Cinch audio, composite video, S-video and mini jack 3.5 mm insert

Gender changer

Matt black	**5663 10**	1	01
pure white glossy	**5663 03**	1	01

Breakout cable

Matt black	**5664 10**	1	01
pure white glossy	**5664 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

i 12



WBT-0710 Cu nextgen™ insert

Cable lug

Matt black	**5665 10**	1	01
pure white glossy	**5665 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.

i 12

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

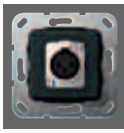


WBT-0708 Cu nextgen™ insert

Cable lug			
Matt black	**5666 10**	1	01
pure white glossy	**5666 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.

i 12

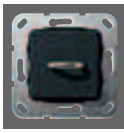


XLR pin jack, D series insert

Solder termination			
Matt black	**5667 10**	1	01
pure white glossy	**5667 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

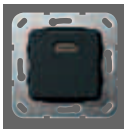
i 12



Insert for fastening laptop security locks

Matt black	**5668 10**	1	01
pure white glossy	**5668 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.

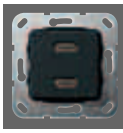


HDMI™ insert „High-speed with ethernet“

Gender changer			
Matt black	**5669 10**	1	01
pure white glossy	**5669 03**	1	01
Breakout cable			
Matt black	**5670 10**	1	01
pure white glossy	**5670 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

i 12



HDMI™ insert „High-speed with ethernet“ 2-gang

Gender changer			
Matt black	**5671 10**	1	01
pure white glossy	**5671 03**	1	01
Breakout cable			
Matt black	**5672 10**	1	01
pure white glossy	**5672 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

i 12

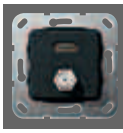


Cinch audio and HDMI™ insert „High-speed with ethernet“

Gender changer			
Matt black	**5673 10**	1	01
pure white glossy	**5673 03**	1	01
Breakout cable			
Matt black	**5674 10**	1	01
pure white glossy	**5674 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

i 12

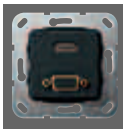


HDMI™ insert „High-speed with ethernet“ and SAT F pin jack

Gender changer			
Matt black	**5675 10**	1	01
pure white glossy	**5675 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

i 12



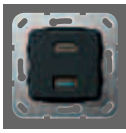
HDMI™ insert „High-speed with ethernet“ and VGA

Gender changer			
Matt black	**5676 10**	1	01
pure white glossy	**5676 03**	1	01
Breakout cable			
Matt black	**5677 10**	1	01
pure white glossy	**5677 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

i 12

	Order no.	Packing unit	PS

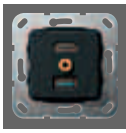


HDMI™ insert „High-speed with ethernet" and USB 3.0 type A

Gender changer			
Matt black	**5678 10**	1	01
pure white glossy	**5678 03**	1	01
Breakout cable			
Matt black	**5679 10**	1	01
pure white glossy	**5679 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

i 12

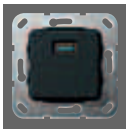


HDMI™ insert „High-speed with ethernet", USB 3.0 type A and mini jack 3.5 mm

HDMI+USB coupler, breakout cable mini jack			
Matt black	**5680 10**	1	01
pure white glossy	**5680 03**	1	01
Breakout cable			
Matt black	**5681 10**	1	01
pure white glossy	**5681 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

i 12

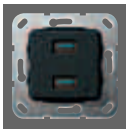


USB 3.0 type A insert

Gender changer			
Matt black	**5682 10**	1	01
pure white glossy	**5682 03**	1	01
Breakout cable			
Matt black	**5683 10**	1	01
pure white glossy	**5683 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

i 12



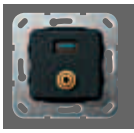
USB 3.0 type A insert, 2-gang

Gender changer			
Matt black	**5684 10**	1	01
pure white glossy	**5684 03**	1	01
Breakout cable			
Matt black	**5685 10**	1	01
pure white glossy	**5685 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

i 12

	Order no.	Packing unit	PS

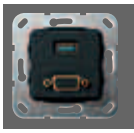


USB 3.0 type A insert and mini jack 3.5 mm insert

USB coupler, breakout cable mini jack			
Matt black	**5686 10**	1	01
pure white glossy	**5686 03**	1	01
Breakout cable			
Matt black	**5687 10**	1	01
pure white glossy	**5687 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

i 12



VGA and USB 3.0 type A insert

Gender changer			
Matt black	**5688 10**	1	01
pure white glossy	**5688 03**	1	01
Breakout cable			
Matt black	**5689 10**	1	01
pure white glossy	**5689 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

i 12

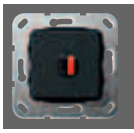


Cinch audio and USB 3.0 type A insert

Gender changer			
Matt black	**5690 10**	1	01
pure white glossy	**5690 03**	1	01
Breakout cable			
Matt black	**5691 10**	1	01
pure white glossy	**5691 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

i 12



Loudspeaker connection insert 1-gang

Matt black	**5692 10**	1	01
pure white glossy	**5692 03**	1	01

New. Available starting February 2013.
For screw attachment only. Connection on the front using plug terminals, marked red/black. Connection on the black using screw terminals.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

i 12

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

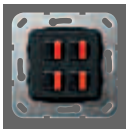


Loudspeaker connection insert 2-gang

Matt black	**5693 10**	1	01
pure white glossy	**5693 03**	1	01

New. Available starting February 2013.
For screw attachment only. Connection on the front using plug terminals, marked red/black. Connection on the black using screw terminals.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

i 12

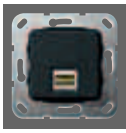


Loudspeaker connection insert 4-gang

Matt black	**5694 10**	1	01
pure white glossy	**5694 03**	1	01

New. Available starting February 2013.
For screw attachment only. Connection on the front using plug terminals, marked red/black. Connection on the black using screw terminals.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

i 12



Insert for modular jack RJ45 cat. 6A 10 GB ethernet

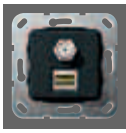
Gender changer

Matt black	**5695 10**	1	01
pure white glossy	**5695 03**	1	01

with insulation-displacement connector

Matt black	**5696 10**	1	01
pure white glossy	**5696 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.



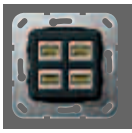
Insert for modular jack RJ45 cat. 6A 10 GB ethernet and SAT-F pin jack

Gender changer

Matt black	**5697 10**	1	01
pure white glossy	**5697 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

	Order no.	Packing unit	PS



Insert for modular jack RJ45 cat. 6A 10 GB ethernet, 4-gang

Gender changer

Matt black	**5698 10**	1	01
pure white glossy	**5698 03**	1	01

with insulation-displacement connector

Matt black	**5699 10**	1	01
pure white glossy	**5699 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 160.
Mounting frame with hinged cover 2658 .. → Page 160.

TV / Multimedia

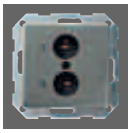


Cover plate for coaxial antenna socket

	Order no.	Packing unit	PS
Stainless Steel	**0869 20**	5	11
Aluminium	**0869 203**	1	11
pure white glossy	**0869 03**	10/100	01

Third hole can be broken out.
Antenna sockets 0041 00, 0042 00, 0046 00 and 0937 00 → Page 403.

Acoustics



Stereo loudspeaker socket outlet

	Order no.	Packing unit	PS
Stainless Steel	**0402 20**	1/5	11
Aluminium	**0402 203**	1	11
pure white glossy	**0402 03**	1/5	01

With screw terminals.
Connectable cable cross-section max. 1.5 mm^2.
For line diameter up to 10 mm^2, use insert for high-end loudspeaker plug (WBT) **0091 00** and data cap **0870 ...**

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Equipotential bonding socket



Equipotential bonding socket, 2-gang

Stainless Steel	**0405 20**	1/5	11
Aluminium	**0405 203**	1	11
pure white glossy	**0405 03**	1/5	01

For the connection of medical devices. DIN 42 801.
Connectable line diameter: 6 to 10 mm^2.
Pin-jack plug bracket 044757 → Page 167.



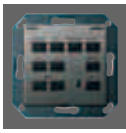
Pin-jack plug bracket DIN 42 801 for equipotential bonding socket

For lines up to 6 mm^2	**044757**	5/25	01

With yellow insulating bush.
Equipotential bonding socket 0405 ... → Page 167.

	Order no.	Packing unit	PS

Revox multiroom system



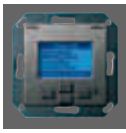
Revox multiroom system M218 operating unit

Stainless Steel	**0538 20**	1	06
Aluminium	**0538 203**	1	06
pure white glossy	**0538 03**	1	06

Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21

	0289 20	5/25	11

Functional description → Page 414.



Revox multiroom system M217 display unit

Stainless Steel	**0539 20**	1	06
Aluminium	**0539 203**	1	06
pure white glossy	**0539 03**	1	06

Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21

	0289 20	5/25	11

Functional description → Page 414.



Revox multiroom system M217/M218 regulating unit

Stainless Steel	**0540 20**	1	06
Aluminium	**0540 203**	1	06
pure white glossy	**0540 03**	1	06

Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21

	0289 20	5/25	11

Functional description → Page 415.

	Order no.	Packing unit	PS

Other



Sealing set IP 44 for rocker switches and push rockers

Stainless Steel Series 21	**0251 20**	5	01

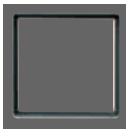
In conjunction with the sealing set and cover frames of Stainless Steel Series 21, 1 to 5-gang, rocker switches and push rockers can be installed water-protected and flush-mounted IP 44 (not for series or 2-way switches).
Cover frame Stainless Steel Series 21, 1 to 5-gang, 0211 21, 0212 21, 0213 21, 0214 21, 0215 21 → Page 181.



Sealing set IP 44 for socket outlets with hinged cover

Stainless Steel Series 21	**0252 20**	5	01

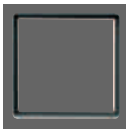
In conjunction with the sealing set and cover frames of Stainless Steel Series 21, 1 to 5-gang, SCHUKO socket outlets with a hinged cover and socket outlets with earth pin and hinged cover can be installed water-protected and flush-mounted IP44.
Stainless-steel SCHUKO socket outlet with hinged cover 0454 20 → Page 143.
Stainless-steel socket outlet with earth pin and hinged cover 0488 20 → Page 142.
Cover frame Stainless Steel Series 21, 1 to 5-gang, 0211 21, 0212 21, 0213 21, 0214 21, 0215 21 → Page 181.



Intermediate plate with square cut-out 55 x 55 mm for Stainless Steel Series 20/21

	0289 20	5/25	11

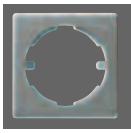
Material: plastic.
For integration of System 55 functions in Stainless Steel Series 20 and Series 21.
Cover frame Stainless Steel Series 20, 1 to 5-gang, 0211 20 to 0215 20 → Page 181.
Cover frame stainless Steel Series 21, 1 to 5-gang, 0211 21 to 0215 21 → Page 181.



Intermediate plate with square cut-out 55 x 55 mm for E22 stainless steel, aluminium

	0289 202	5/25	11

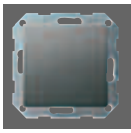
Material: plastic.
For integration of System 55 functions in E22 stainless steel and aluminium.
LED orientation light 1169 00 → Page 146.



Cover plate for light signal

Stainless Steel	**0660 20**	1	11
Aluminium	**0660 203**	1	11
pure white glossy	**0660 03**	5	01

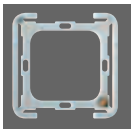
Light signal insert (E 10) 0160 00 → Page 292.
Light signal insert 0161 00 → Page 292.
Flat covering caps, can be inserted, 0801 20, 0803 20, 0804 20, 0806 20, 0807 20 → Page 292.



Blind cover plate with support ring

Stainless Steel	**0268 20**	5	11
Aluminium	**0268 203**	1	11
pure white glossy	**0268 03**	10/100	01

For screw attachment.



Adapter support ring 80 x 80 mm

Adapter support ring 80 x 80 mm	**2849 00**	1	29

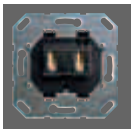
For integration of Gira functions with support ring 71 x 71 mm.



Cover plate for TAE, USB

Stainless Steel	**0876 20**	1	11
Aluminium	**0276 203**	1	11
pure white glossy	**0276 03**	10/100	01
with inscription space			
Stainless Steel	**0276 20**	1	11
Aluminium	**0876 203**	1	11
pure white glossy	**0876 03**	1	01

Suitable for all common TAE connection boxes.
USB power supply 2359 00 → Page 168.
Inscription sheets 1453 00 → Page 294.



USB power supply 2-gang

	2359 00	1/5	02

Power supply with integrated plug connector, USB type A. Suitable as charging device, e. g. for mobile phones and similar devices. Simultaneous charging of 2 devices is possible.

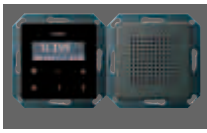
Charging current:	2 x 700 mA / 1 x 1400 mA
Primary rated voltage:	100 - 240 V AC, 50 Hz
Secondary rated voltage:	5 V
Temperature range:	0 °C to +40 °C
Standby power:	≤ 0,3 W

Suitable for cover plate 0276 .., 0876 .. → Page 168.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

RDS flush-mounted radio



RDS flush-mounted radio with a loudspeaker

Operating top unit in black glass appearance System 55

Stainless Steel	**2280 20**	1	03
Aluminium	**2280 203**	1	03
pure white glossy	**2280 03**	1	03

Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21

	0289 20	5/25	11

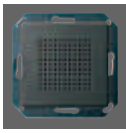
FM radio with RDS display for flush-mounted installation.
The flush-mounted RDS radio consists of a radio insert with operating top unit and loudspeaker insert with cover plate. The radio insert is compactly mounted in a flush-mounted insert and can therefore be installed in a single flush-mounted device box.
The loudspeaker can be installed in combination with the radio insert or offset in a flush-mounted box. Two loudspeakers can be connected to the radio insert. The radio automatically detects connected loudspeakers and switches between stereo and mono mode.
With a corresponding RDS signal, the display of the operating top unit shows the station name, the transmission frequency and the time. Operation of the radio is via the capacitive buttons of the operating top unit. Operation only requires a light touching of the symbols.
The flush-mounted RDS radio has two station presets, upon each of which a station setting can be saved and called up with the press of a button.
For example, the radio can be switched on via the auxiliary input with a light switch or automatic control switch together with the room lighting.
External audio sources, for example an MP3 player, can be fed into the radio via the stereo AUX input of the radio. For connection to the external audio source, an additional cinch insert is required which is connected to the AUX terminals of the radio insert.
In sleep mode the radio switches off automatically 30 minutes after switching on.
Note: reception interference can result in combination with additional electronic devices under one cover plate.

Power supply:	AC 230 V
Connection:	screw terminals 2.5 mm^2 (mains connection) 1.5 mm^2 (loudspeaker/AUX connection)
Temperature range:	-5 °C to +50 °C
Protection type:	IP 20
Frequency range:	87.50 to 107.90 MHz

Loudspeaker 2282 .. → Page 169.
Cinch audio inserts → Page 409.

i 32

	Order no.	Packing unit	PS



Loudspeaker RDS flush-mounted radio

Stainless Steel	**2282 20**	1	03
Aluminium	**2282 203**	1	03
pure white glossy	**2282 03**	1	03

Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21

	0289 20	5/25	11

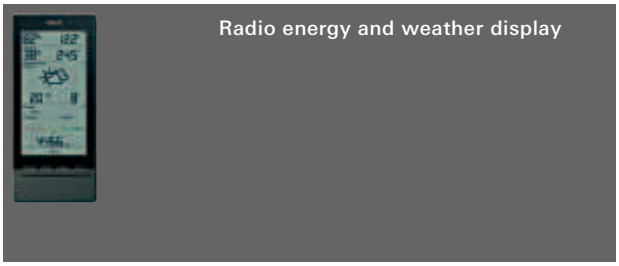
Loudspeaker for connection to the Gira RDS flush-mounted radio.

Temperature range:	-5 °C to +50 °C
Protection type:	IP 20

RDS flush-mounted radio 2280 .. → Page 169.

	Order no.	Packing unit	PS

Radio energy and weather display



Display language: English

Stainless Steel (lacquered)	**2360 20**	1	03
Aluminium (lacquered)	**2360 203**	1	03
pure white glossy	**2360 03**	1	03

Radio display device for weather and energy data. Can be integrated in System 55, E22 and Gira F100. Menu language: German or English. The display is via symbols and letters. The energy and weather display can be positioned randomly in the house thanks to its battery supply, and a 230 V~ power supply unit **2355 00** can optionally be inserted into the battery compartment. Connection of up to 7 sensors (1 outside temperature sensor, 1 LAN adapters, up to 3 energy measurement adapters, 1 electricity meter sensor, 1 gas meter sensor).

Functions:

- Display of indoor temperature and humidity.
- Display of outdoor temperature and humidity (requires outside temperature sensor **2351 02**).
- Display of weather forecast (via a portal) (requires LAN Adapter **2352 02**).
- Display of energy measurement data (individual consumers) (requires energy measurement adapter**2353 02**).
- Display of energy measurement data (electricity and gas of complete house) (requires electricity meter sensor **2356 02** and gas meter sensor **2357 02**).
- Display of date when no sensors for energy measurement are connected.
- Display of individual sensor synchronisation.

4 buttons are available for operation and configuration.

Operating buttons:

- Button Weather (displays the time period of the weather forecast)
- Button Sensor (displays the set sensor)
- Button Energy (displays the measuring interval of the sensor)
- Button Unit (displays the unit of the energy data)

Settings are not lost when batteries are replaced. Saved data and assigned sensors are maintained. Internal clock continues for approx. 5 minutes.

	Order no.	Packing unit	PS

Dimensions:	W x H x D 55 x 127 x 19 mm
Power supply:	3 V DC
Batteries:	2 x 1.5 V round batteries (AA or LR6) (batteries included in the scope of supply are consumables and must be replaced regularly. Please observe the regulations when disposing of used batteries.)
Temperature measurement range:	0 °C to +50 °C
Current consumption:	approx. 140 µA
Reception frequency:	868.35 MHz
Range:	100 m (in free field)

Outdoor sensor 2351 02 → Page 78.
LAN adapter 2352 02 → Page 78.
Energy adapter 2353 02 → Page 78.
Electricity meter sensor 2356 02 → Page 78.
LED sensor 2349 02 → Page 79.
Gas meter sensor 2357 02 → Page 79.
Power supply unit 230 V 2355 00 → Page 79.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

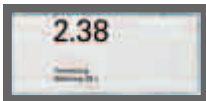
Name plate/door plate



Name plate/door plate

1-gang for stainless steel, aluminium			
for aluminium / stainless steel	**1071 202**	1/5	11
1-gang			
pure white	**1071 00**	1	01
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21			
	0289 20	5/25	11

Name plate/door plate for rooms. Consisting of a base plate and a transparent, attachable cover plate. Two options for attachment are available:
Screwing on:
The base plate of the name plate/door plate is attached to the wall with the included screws/plugs.
Adhesion:
The base plate is attached to smooth surfaces, e.g. coated doors, with the accompanying sticky points.
The 51 x 51 mm label carrier can be exchanged with ease. Simply pull off the transparent cover plate and exchange the insert. The inscription sheets can be printed with all conventional printers.
Base plate for E22, 1-gang 1081 00, 1081 02 → Page 171.
Labelling sheet 1085 00 → Page 171.
Support ring for integration in E22 flat mounting method 1448 00 → Page 171.

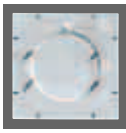


Name plate/door plate

2-gang			
pure white	**1072 00**	5	01

Inscription label used as an orientation aid or for identifying rooms in public buildings or office complexes. The large name plate/door plate is inserted in the Standard 55, Event, E2, E22 or Gira F100 2-gang cover frame without crossbar.
Consisting of a base plate and a transparent, attachable cover plate. Two options for attachment are available:
Screwing on:
The base plate of the name plate/door plate is attached to the wall with the included screws/plugs.
Adhesion:
The base plate is attached to smooth surfaces, e.g. metal doors, with the accompanying sticky points. For installation on glass surfaces, the name plate/door plate is adhered to a (separately available) base plate due to optical reasons. The 51 x 122 mm label carrier can be exchanged with ease. Simply pull off the transparent cover plate and exchange the insert. The inscription sheets can be printed by almost any B/W or colour printer.
Base plate for E22, 2-gang 1082 00, 1082 02 → Page 171.
Labelling sheet 1085 00 → Page 171.
Support ring (2x) for integration in E22 flat mounting method 1448 00 → Page 171.

	Order no.	Packing unit	PS



Base plate for Standard 55, E2, E22 cover frames for name plate/door plate

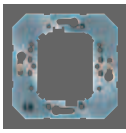
1-gang			
pure white	**1081 02**	1	11
black	**1081 00**	1	01
2-gang			
pure white	**1082 02**	10	11
black	**1082 00**	1	01

The self-adhesive base plate is an adapter plate for the attachment of the name plate/door plate to smooth, transparent, surfaces, e.g. glass panes. The base plate affords an aesthetically pleasing closure on the back.
Name plate/door plate 1-gang 1071 .. → Page 171.
Name plate/door plate 2-gang 1072 .. → Page 171.

Inscription sheets for name plate/door plate

	1085 00	1	01

Insert for the name plate/door plate in DIN A4 size. The material thickness is optimally suitable for the plate. This prevents waving, as can occur with common copier paper. The inscription sheets can be printed by almost any B/W or colour printer.
Scope of supply: 10 sheets
Name plate/door plate 1-gang 1071 .. → Page 171.
Name plate/door plate 2-gang 1072 .. → Page 171.



Support ring for name plate

	1448 00	1	01

For integration of the name plate **1071 ..**, **1072 ..** with flat mounting method E22.
Name plate/door plate 1-gang 1071 .. → Page 171.
Name plate/door plate 2-gang 1072 .. → Page 171.

Gira E 22
Installation in a 58 mm flush-mounted box

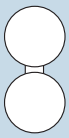
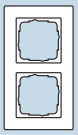
Installation in a 58 mm flush-mounted box

1 First, fit a 58 mm flush-mounted box in the wall.
2 Then install the device and cover frame in the device box in the usual manner.
3 Finally, mount the design cover plate on the device. Installation is complete.

Cover frames
The installation in a standard 58 mm flush-mounted box is possible with all three material versions. The switch frames taper back to the wall, and it appears as though the switch is floating in front of the wall.



Help with ordering
Installation in a 58 mm flush-mounted box

Individual components The frames for conventional installation are supplied without a 58 mm flush-mounted box. The frames are available in 1 to 5-gang sizes for this type of mounting.	 58 mm flush-mounted box	 Gira E 22 cover frame
1-gang 2-gang 3-gang 4-gang 5-gang		0211 ...* 0212 ...* 0213 ...* 0214 ...* 0215 ...*
2-gang, without crossbar		1002 ...*

* All cover frame variants are available in the three materials.
The endings for the order numbers are:
201 Thermoplastic [pure white glossy]
202 Stainless Steel
203 Aluminium

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal



1-gang Stainless Steel	**0211 202**	10	11
2-gang Stainless Steel	**0212 202**	10	11
3-gang Stainless Steel	**0213 202**	1/5	11
4-gang Stainless Steel	**0214 202**	1/5	11
5-gang Stainless Steel	**0215 202**	1/5	11



1-gang Aluminium	**0211 203**	10	11
2-gang Aluminium	**0212 203**	10	11
3-gang Aluminium	**0213 203**	1/5	11
4-gang Aluminium	**0214 203**	1/5	11
5-gang Aluminium	**0215 203**	1/5	11



1-gang pure white glossy (thermoplastic)	**0211 201**	10	01
2-gang pure white glossy (thermoplastic)	**0212 201**	10	01
3-gang pure white glossy (thermoplastic)	**0213 201**	1/5	01
4-gang pure white glossy (thermoplastic)	**0214 201**	1/5	01
5-gang pure white glossy (thermoplastic)	**0215 201**	1/5	01

Shatter-proof.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, without crossbar



2-gang Stainless Steel	**1002 202**	10	11

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Name plate/door plate 2-gang 1072 .. → Page 171.
Energy and weather display 2360 .. → Page 170.



2-gang Aluminium	**1002 203**	10	11

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Name plate/door plate 2-gang 1072 .. → Page 171.
Energy and weather display 2360 .. → Page 170.



2-gang pure white glossy (thermoplastic)	**1002 201**	10	01

Shatter-proof.
Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Name plate/door plate 2-gang 1072 .. → Page 171.
Energy and weather display 2360 .. → Page 170.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal „British Standard“ 80 x 80 mm



1-gang
Stainless Steel **0211 208** 10 11

Push button British Standard (BS EN 60669-1), 3-gang, 1-pole, 10 A 250 V~ 2845 .. → Page 136.
Switch British Standard (BS EN 60669-1), 2-pole, 20 A 250 V~ 2837 .. → Page 137.
Switch British Standard (BS EN 60669-1), 2-pole, with LED-control light 20 A 250 V~ 2835 .. → Page 137.
Switch British Standard (BS EN 60669-1), 3-gang ON/OFF 2831 .. → Page 137.
Switch British Standard (BS EN 60669-1), 3-gang, 2-way 2833 .. → Page 137.
Socket outlet British Standard (BS 1363-2) 13 A 250 V~ 2777 .. → Page 140.
Socket outlet British Standard (BS 1363-2) can be switched off, 13 A 250 V~ 2779 .. → Page 140.
Socket outlet British Standard (BS 1363-2) can be switched off, with LED control light, 13 A 250 V~ 2781 .. → Page 140.
Socket outlet British Standard (BS 546), round pin, 5 A 250 V~ 2773 .. → Page 140.
Socket outlet British Standard (BS 546), round pin, 15 A 250 V~ 2775 .. → Page 141.
Fused outlet British Standard (BS 1363-4) can be switched off 13 A 250 V~ 2786 .. → Page 141.
Fused outlet British Standard (BS 1363-4) can be switched off, with LED control light, 13 A 250 V~ 2788 .. → Page 141.



1-gang
Aluminium **0211 209** 10 11

Push button British Standard (BS EN 60669-1), 3-gang, 1-pole, 10 A 250 V~ 2845 .. → Page 136.
Switch British Standard (BS EN 60669-1), 2-pole, 20 A 250 V~ 2837 .. → Page 137.
Switch British Standard (BS EN 60669-1), 2-pole, with LED-control light 20 A 250 V~ 2835 .. → Page 137.
Switch British Standard (BS EN 60669-1), 3-gang ON/OFF 2831 .. → Page 137.
Switch British Standard (BS EN 60669-1), 3-gang, 2-way 2833 .. → Page 137.
Socket outlet British Standard (BS 1363-2) 13 A 250 V~ 2777 .. → Page 140.
Socket outlet British Standard (BS 1363-2) can be switched off, 13 A 250 V~ 2779 .. → Page 140.
Socket outlet British Standard (BS 1363-2) can be switched off, with LED control light, 13 A 250 V~ 2781 .. → Page 140.
Socket outlet British Standard (BS 546), round pin, 5 A 250 V~ 2773 .. → Page 140.
Socket outlet British Standard (BS 546), round pin, 15 A 250 V~ 2775 .. → Page 141.
Fused outlet British Standard (BS 1363-4) can be switched off 13 A 250 V~ 2786 .. → Page 141.
Fused outlet British Standard (BS 1363-4) can be switched off, with LED control light, 13 A 250 V~ 2788 .. → Page 141.

	Order no.	Packing unit	PS



1-gang
pure white glossy
(thermoplastic) **0211 207** 10 01

Shatter-proof.
Push button British Standard (BS EN 60669-1), 3-gang, 1-pole, 10 A 250 V~ 2845 .. → Page 136.
Switch British Standard (BS EN 60669-1), 2-pole, 20 A 250 V~ 2837 .. → Page 137.
Switch British Standard (BS EN 60669-1), 2-pole, with LED-control light 20 A 250 V~ 2835 .. → Page 137.
Switch British Standard (BS EN 60669-1), 3-gang ON/OFF 2831 .. → Page 137.
Switch British Standard (BS EN 60669-1), 3-gang, 2-way 2833 .. → Page 137.
Socket outlet British Standard (BS 1363-2) 13 A 250 V~ 2777 .. → Page 140.
Socket outlet British Standard (BS 1363-2) can be switched off, 13 A 250 V~ 2779 .. → Page 140.
Socket outlet British Standard (BS 1363-2) can be switched off, with LED control light, 13 A 250 V~ 2781 .. → Page 140.
Socket outlet British Standard (BS 546), round pin, 5 A 250 V~ 2773 .. → Page 140.
Socket outlet British Standard (BS 546), round pin, 15 A 250 V~ 2775 .. → Page 141.
Fused outlet British Standard (BS 1363-4) can be switched off 13 A 250 V~ 2786 .. → Page 141.
Fused outlet British Standard (BS 1363-4) can be switched off, with LED control light, 13 A 250 V~ 2788 .. → Page 141.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, without crossbar „British Standard“ 80 x 132 mm



2-gang Stainless Steel	**1002 208**	10	11

2-gang socket outlet British Standard (BS 1363-2) 13 A 250 V~ 2782 .. → Page 140.
2-gang socket outlet British Standard (BS 1363-2) can be switched off, 13 A 250 V~ 2783 .. → Page 140.
2-gang socket outlet British Standard (BS 1363-2) can be switched off, with LED control light, 13 A 250 V~ 2784 .. → Page 140.



2-gang Aluminium	**1002 209**	10	11

2-gang socket outlet British Standard (BS 1363-2) 13 A 250 V~ 2782 .. → Page 140.
2-gang socket outlet British Standard (BS 1363-2) can be switched off, 13 A 250 V~ 2783 .. → Page 140.
2-gang socket outlet British Standard (BS 1363-2) can be switched off, with LED control light, 13 A 250 V~ 2784 .. → Page 140.



2-gang pure white glossy (thermoplastic)	**1002 207**	10	01

Shatter-proof.
2-gang socket outlet British Standard (BS 1363-2) 13 A 250 V~ 2782 .. → Page 140.
2-gang socket outlet British Standard (BS 1363-2) can be switched off, 13 A 250 V~ 2783 .. → Page 140.
2-gang socket outlet British Standard (BS 1363-2) can be switched off, with LED control light, 13 A 250 V~ 2784 .. → Page 140.

Gira E 22
Installation flat on the wall

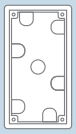
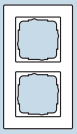
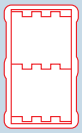
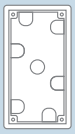
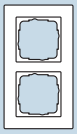
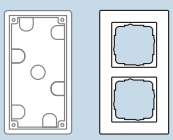
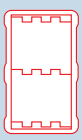
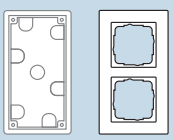
Flat installation in hollow walls
For hollow-wall installation, there is a special E 22 device box which can be recessed directly in the wall.

1 Produce rectangular cut-out.
2 Mount and align E 22 device box and screw in with claws [fastening as with a market-standard hollow wall box].
3 Install the device and cover frame in the usual manner and complete installation by mounting the design cover plate.

Flat installation in masonry
For flush-mounted installation in masonry, the E 22 flush-mounted box is mounted and then the E 22 device box is screwed in over it.

1 Produce rectangular cut-out, mount and align the E 22 flush-mounted box and, for example, secure it with plaster [There are two alignment aids on the box for a water level].
2 Mount the included plaster protection and plaster the wall, then remove the plaster protection and cut the opening clear.
3 Mount the E 22 device box in the E 22 flush-mounted box, align it and screw in with claws. The device box can be corrected by up to 3°.
4 Install the device and cover frame in the device box and then mount the design cover plate on the device.

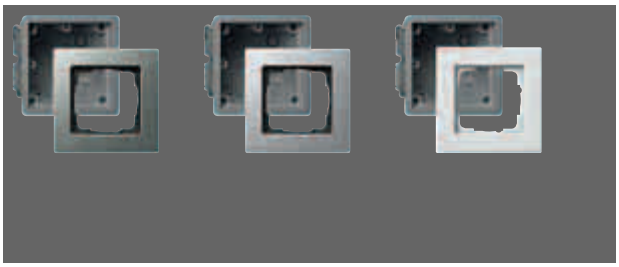


Help with ordering Installation flat on the wall	For hollow walls		For masonry		
Individual components If there is a long period of time between installing the flush-mounted box/device box and mounting the cover frames, it may be practical to order the cover frames later on short notice. This eliminates the question of storage, and the frames are protected from damage.	 E 22 device box	 Gira E 22 cover frame for installation flat on the wall	 E 22 flush-mounted box	 E 22 device box	 Gira E 22 cover frame for installation flat on the wall
1-gang 2-gang 3-gang 4-gang	2896 00 2897 00 2898 00 2899 00	0211 ...** 0212 ...** 0213 ...** 0214 ...**	2891 00 2892 00 2893 00 2894 00	2896 00 2897 00 2898 00 2899 00	0211 ...** 0212 ...** 0213 ...** 0214 ...**
2-gang, without crossbar	2897 00	1002 ...**	2892 00	2897 00	1002 ...**
Installation sets Flush-mounted and device boxes can also be ordered in a set directly with cover frames. This variation is practical when, for example, the cover frames are to be mounted promptly after installing the boxes.	 E 22 device box and Gira E 22 cover frame for installation flat on the wall		 E 22 flush-mounted box	 E 22 device box and Gira E 22 cover frame for installation flat on the wall	
1-gang 2-gang 3-gang 4-gang	2881 ...* 2882 ...* 2883 ...* 2884 ...*		2891 00 2892 00 2893 00 2894 00	2881 ...* 2882 ...* 2883 ...* 2884 ...*	
2-gang, without crossbar	2886 ...*		2892 00	2886 ...*	

All cover frame variants are available in the three materials.
The endings for the order numbers are:
* 201 Thermoplastic [pure white glossy], 202 Stainless Steel, 203 Aluminium
** 204 Thermoplastic [pure white glossy], 205 Stainless Steel, 206 Aluminium

	Order no.	Packing unit	PS

E22 installation set for flat mounting, with E22 cover frame and E22 device box



Stainless steel
(set consisting of cover frame/device box)

1-gang	**2881 202**	1	11
2-gang	**2882 202**	1	11
3-gang	**2883 202**	1	11
4-gang	**2884 202**	1	11

Aluminium
(set consisting of cover frame/device box)

1-gang	**2881 203**	1	11
2-gang	**2882 203**	1	11
3-gang	**2883 203**	1	11
4-gang	**2884 203**	1	11

pure white glossy (thermoplastic)
(set consisting of cover frame/device box)

1-gang	**2881 201**	1	01
2-gang	**2882 201**	1	01
3-gang	**2883 201**	1	01
4-gang	**2884 201**	1	01

The Gira E22 switch range offers a new method for mounting. Using a special device box, it can be installed flat on the wall. This E22 device box can be installed directly in the wall in cases of hollow-wall mounting, e.g. a flexible wall system. For flush-mounting in masonry, the E22 device box is inserted in an E22 flush-mounted box, which is then placed in the wall.

Installation in hollow wall:

- Produce rectangular cut-out (template included).
- Mount and align E22 device box and screw in with claws (mounting as with a market-standard hollow wall box).
- Install devices and cover frames in usual manner. The device box has no cable retainer.

Installation in masonry:

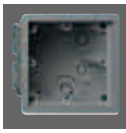
- Product rectangular cut-out (e.g. with a keyway cutter/caulking hammer, angular bit/caulking hammer, chisel).
- Install and align E22 flush-mounted box **2891 00**, **2892 00**, **2893 00**, **2894 00** and, for example, secure with plaster.
- Mount plaster protection (included with E22 flush-mounted box).
- Plaster the wall.
- Remove the plaster protection and cut the opening clear.
- Mount and align E22 device box and screw in with claws (mounting as with a market-standard hollow wall box).
- Install devices and cover frames in usual manner. The device box has no cable retainer.

E22 flush-mounted box 2891 00, 2892 00, 2893 00, 2894 00 → Page 179.

i 15

	Order no.	Packing unit	PS

E22 device box for flat mounting



E22 device box for flat mounting

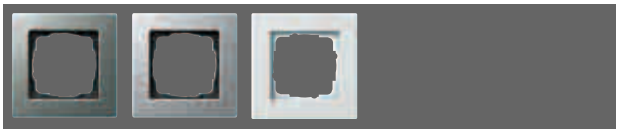
1-gang	**2896 00**	1	11
2-gang	**2897 00**	1	11
3-gang	**2898 00**	1	11
4-gang	**2899 00**	1	11

The Gira E22 switch range offers a new method for mounting. It can be installed flat on the wall using a special device box and cover frame for flat mounting **0211 204 - 0214 204**, **0211 205 - 0214 205**, **0211 206 - 0214 206**, **1002 204**, **1002 205**, **1002 206**. For flush-mounting in masonry, the E22 device box is inserted into an E22 flush-mounted box, which is then placed in the wall. The device box has no cable retainer.

E22 cover frame for flat mounting 0211 204 - 0214 204, 0211 205 - 0214 205, 0211 206 - 0214 206 → Page 177.
E22 flush-mounted box 2891 00, 2892 00, 2893 00, 2894 00 → Page 179.

i 8

E22 cover frame for flat mounting



Stainless steel
(cover frame for flat mounting)

1-gang	**0211 205**	10	11
2-gang	**0212 205**	10	11
3-gang	**0213 205**	1/5	11
4-gang	**0214 205**	1/5	11

Aluminium
(cover frame for flat mounting)

1-gang	**0211 206**	10	11
2-gang	**0212 206**	10	11
3-gang	**0213 206**	1/5	11
4-gang	**0214 206**	1/5	11

pure white glossy (thermoplastic)
(cover frame for flat mounting)

1-gang	**0211 204**	10	01
2-gang	**0212 204**	10	01
3-gang	**0213 204**	1/5	01
4-gang	**0214 204**	1/5	01

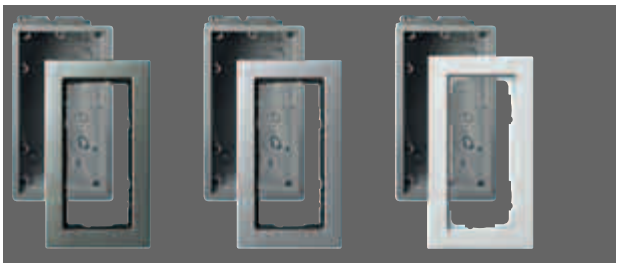
The Gira E22 switch range offers a new method for mounting. Using a special device box, it can be installed flat on the wall. This E22 device box can be installed directly in the wall in cases of hollow-wall mounting, e.g. a flexible wall system. For flush-mounting in masonry, the E22 device box is inserted into an E22 flush-mounted box, which is then placed in the wall.

E22 device box for flat mounting 2896 00, 2897 00, 2898 00, 2899 00 → Page 177.
E22 flush-mounted box 2891 00, 2892 00, 2893 00, 2894 00 → Page 179.

i 15

	Order no.	Packing unit	PS

E22 installation set for flat mounting, with E22 cover frame without crossbar and E22 device box



Stainless steel
(set consisting of cover frame/device box)

2-gang	**2886 202**	1	11

Aluminium
(set consisting of cover frame/device box)

2-gang	**2886 203**	1	11

pure white glossy (thermoplastic)
(set consisting of cover frame/device box)

2-gang	**2886 201**	1	01

The Gira E22 switch range offers a new method for mounting. Using a special device box, it can be installed flat on the wall. This E22 device box can be installed directly in the wall in cases of hollow-wall mounting, e.g. a flexible wall system. For flush-mounting in masonry, the E22 device box is inserted in an E22 flush-mounted box, which is then placed in the wall.

Installation in hollow wall:

- Produce rectangular cut-out (template included).
- Mount and align E22 device box and screw in with claws (mounting as with a market-standard hollow wall box).
- Install devices and cover frames in usual manner. The device box has no cable retainer.

Installation in masonry:

- Product rectangular cut-out (e.g. with a keyway cutter/caulking hammer, angular bit/caulking hammer, chisel).
- Mount and align E22 flush-mounted box **2892 00** and, for example, secure with plaster.
- Mount plaster protection (included with E22 flush-mounted box).
- Plaster the wall.
- Remove the plaster protection and cut the opening clear.
- Mount and align E22 device box and screw in with claws (mounting as with a market-standard hollow wall box).
- Install devices and cover frames in usual manner. The device box has no cable retainer.

E22 flush-mounted box 2892 00 → Page 179.
Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Name plate/door plate 2-gang 1072 .. → Page 171.

i 15

	Order no.	Packing unit	PS

E22 device box for flat mounting



E22 device box for flat mounting

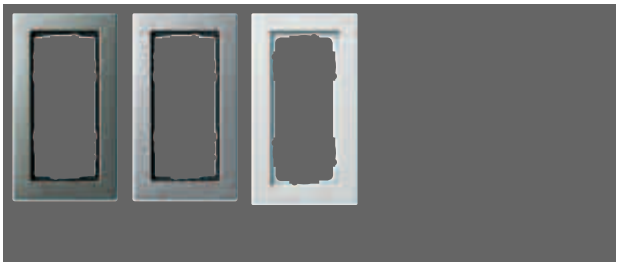
2-gang	**2897 00**	1	11

The Gira E22 switch range offers a new method for mounting. It can be installed flat on the wall using a special device box and cover frame for flat mounting **0211 204 - 0214 204**, **0211 205 - 0214 205**, **0211 206 - 0214 206**, **1002 204**, **1002 205**, **1002 206**. For flush-mounting in masonry, the E22 device box is inserted into an E22 flush-mounted box, which is then placed in the wall. The device box has no cable retainer.

E22 cover frame without crossbar for flat mounting 1002 204, 1002 205, 1002 206 → Page 178.
E22 flush-mounted box 2892 00 → Page 179.

i 8

E22 cover frame without crossbar for flat mounting



Stainless steel
(cover frame for flat mounting)

2-gang	**1002 205**	10	11

Aluminium
(cover frame for flat mounting)

2-gang	**1002 206**	10	11

pure white glossy (thermoplastic)
(cover frame for flat mounting)

2-gang	**1002 204**	10	01

The Gira E22 switch range offers a new method for mounting. Using a special device box, it can be installed flat on the wall. This E22 device box can be installed directly in the wall in cases of hollow-wall mounting, e.g. a flexible wall system. For flush-mounting in masonry, the E22 device box is inserted into an E22 flush-mounted box, which is then placed in the wall.

E22 device box for flat mounting 2897 00 → Page 178.
E22 flush-mounted box 2892 00 → Page 179.
Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 550.
Push button sensor 3, 5112 00, 5132 00, 5134 00, 5136 00, 5145 00 in KNX/EIB system → Page 425.
Name plate/door plate 2-gang 1072 .. → Page 171.

i 15

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

	Order no.	Packing unit	PS

E22 flush-mounted box



E22 flush-mounted box

1-gang	**2891 00**	1	01
2-gang	**2892 00**	1	01
3-gang	**2893 00**	1	01
4-gang	**2894 00**	1	01

The Gira E22 switch range offers a new method for mounting. Using a special device box, it can be installed flat on the wall. For flush-mounting in masonry, the E22 device box is inserted in an E22 flush-mounted box, which is then placed in the wall.

Installation in masonry:

- Product rectangular cut-out (e.g. with a keyway cutter/caulking hammer, angular bit/caulking hammer, chisel).
- Install and align E22 flush-mounted box **2891 00**, **2892 00**, **2893 00**, **2894 00** and, for example, secure with plaster.
- Mount plaster protection (included with E22 flush-mounted box).
- Plaster the wall.
- Remove the plaster protection and cut the opening clear.
- Mount and align E22 device box and screw in with claws (mounting as with a market-standard hollow wall box).
- Install devices and cover frames in usual manner.

E22 installation set for flat mounting 2881 .., 2882 .., 2883 .., 2884 .., 2886 .. → Page 177.
E22 cover frame for flat mounting 0211 204 - 0214 204, 0211 205 - 0214 205, 0211 206 - 0214 206, 1002 204, 1002 205, 1002 206 and E22 device box for flat mounting 2896 00, 2897 00, 2898 00, 2899 00 → Page 178.

i 8

Gira Stainless Steel
Series 20, Series 21

The cover frames of the Gira Stainless Steel Series 20 and 21 can be combined with the inserts of Gira E22 Stainless Steel.
This means the many new functions of Gira E22 Stainless Steel can also be used for Series 20 and 21.

Cover frames
Suitable for vertical and horizontal installation

Dimensions (H × W, mm)
1-gang: 80.8 × 80.8
2-gang: 152.0 × 80.8
3-gang: 223.2 × 80.8
4-gang: 294.4 × 80.8
5-gang: 365.6 × 80.8
Corner radius of Series 20: R = 2
Corner radius of Series 21: R = 3

Material
Stainless steel 1.4301, rust-proof
Plastic base:
Albis PA 655/2, dark grey shock-resistant and shatter-proof, halogen-free, UV-resistant

Surface
Polished metal parts, matt

Cleaning recommendation
Damp cloth

Protection type
Stainless Steel Series 20: IP 20
Stainless Steel Series 21: IP 20, IP 44 (when special sealing sets are used)

Design
Stainless Steel Series 20:
Prof. Odo Klose, Wuppertal
Stainless Steel Series 21:
Gira, Radevormwald

Design awards
Stainless Steel Series 21:
iF product design award 1996, 1997, iF Design Hannover

1 Series 20
2 Series 21


1


2


Gira Stainless Steel Series 21
2-gang combination push switch/"British Standard" socket outlet

	Order no.	Packing unit	PS

Cover frame for combinations vertical and horizontal, Stainless Steel Series 20



1-gang Stainless Steel	**0211 20**	10	11
2-gang Stainless Steel	**0212 20**	10	11
3-gang Stainless Steel	**0213 20**	1/5	11
4-gang Stainless Steel	**0214 20**	1/5	11
5-gang Stainless Steel	**0215 20**	1/5	11

For integration in Stainless Steel Series 20, Series 21: Intermediate plate 55 x 55 mm 0289 20 → Page 168.

	Order no.	Packing unit	PS

Cover frame for combinations vertical and horizontal, Stainless Steel Series 21



1-gang Stainless Steel	**0211 21**	10	11
2-gang Stainless Steel	**0212 21**	10	11
3-gang Stainless Steel	**0213 21**	1/5	11
4-gang Stainless Steel	**0214 21**	1/5	11
5-gang Stainless Steel	**0215 21**	1/5	11

In conjunction with sealing sets, also suitable for installation as water-protected flush-mounted IP 44.
For integration in Stainless Steel Series 20, Series 21: Intermediate plate 55 x 55 mm 0289 20 → Page 168.
Sealing set 0251 20, 0252 20 → Page 168.

The Gira F100 is unmistakable in its appearance. Frame variants are available in the colours pure white and cream white glossy, as well as brass, chrome and platinum. The product range offers a broad spectrum of functions for intelligent building management.

With the aid of an intermediate frame, many functions from System 55 can be integrated into the Gira F100 range. More than 200 functions in the range offer a wide diversity for more living comfort.

Cover frames
Suitable for vertical and horizontal installation

Dimensions (H × W, mm)
1-gang: 83.3 × 83.3
2-gang: 154.4 × 83.3
3-gang: 225.9 × 83.3
4-gang: 297.2 × 83.3
5-gang: 368.5 × 83.3
Corner radius: R = 2

Material
Thermoplastic (polycarbonate, PC), frames with PVD coating, shock-resistant and shatter-proof, halogen-free, UV-resistant, high-gloss easy-care surface

Cover frame colours
Pure white glossy (similar to RAL 9010), cream white glossy (similar to RAL 9001), colour chrome, colour brass, colour platinum

Insert colours
Pure white glossy, cream white glossy

Surface-mounted installation
1-gang to 3-gang in pure white glossy and cream white glossy; including 15 × 15 mm channels and fittings

Protection type
The cover frames in pure white glossy and cream white glossy colours can be installed with IP 20 and IP 44 (by using a sealing flange).

Design
Phoenix Design, Stuttgart

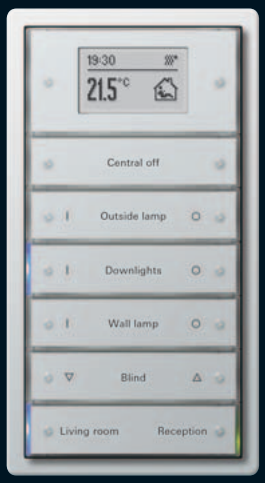
Product information
www.gira.com/brochures



6



7



8

Gira F100

Cover frame/insert variants

1 Colour chrome/pure white glossy
2 Colour brass/pure white glossy
3 Colour platinum/pure white glossy
4 Pure white glossy/pure white glossy
5 Cream white glossy/cream white glossy


1


2


3


4


5

Gira F100

Push switches 184
Switches and push buttons 184
Socket outlets 186
Dimmers 189
Automatic lighting 190
LED illumination 191
Push button sensors 191
Blind controller 194
Time siwtch 195
Room temperature controllers 196
CO_2 sensors 197
Door communication system 198
Keyless In 199
Communication technology 199
Telecommunications 200
Data and communication connection technology 201
TV/multimedia 207
Acoustics 208
Equipotential bonding socket 208
Surface-mounted 209
Other 209
RDS flush-mounted radio 210
Radio energy and weather display 211
Name plate/door plate 211
Cover frames 212

Flush-mounted inserts and accessories 270

F100,
pure white glossy

6
RDS flush-mounted radio

7
Home station
with 6.4 cm [2.5"] TFT
colour display

8
Push button sensor 3 Plus, 6-gang

9
2-gang combination
touch control switch/American
socket outlet

F100,
Colour brass/cream white glossy

10
2-gang combination
touch control switch/American
socket outlet


9


10

	Order no.	Packing unit	PS

Push switches



Push switch 10 A 250 V~ with rocker

Universal off/2-way switch[1)]

cream white glossy	**0126 111**	1/5	01
pure white glossy	**0126 112**	1/5	01

Intermediate switch

cream white glossy	**0127 111**	1/5	01
pure white glossy	**0127 112**	1/5	01

[1)] If this switch is to be illuminated in accordance with the workplace ordinance, please incorporate a control switch.

Acoustic element with illumination 0935 00 → Page 291.



Push switch 10 A 250 V~ with series rockers

Series switch

cream white glossy	**0125 111**	1/5	01
pure white glossy	**0125 112**	1/5	01

Double 2-way switch

cream white glossy	**0128 111**	1/5	01
pure white glossy	**0128 112**	1/5	01



Control push switch 10 A 250 V~ with rocker

Universal off/2-way switch

cream white glossy	**0136 111**	1/5	01
pure white glossy	**0136 112**	1/5	01

Circuit breaker 2-pole

cream white glossy	**0122 111**	1/5	01
pure white glossy	**0122 112**	1/5	01

With neon lamp element 230 V~, 1.5 mA. For compliance with the workplace ordinance, can also be connected with illumination.

Glow lamp elements 0995 00, 0996 00, 0997 00 → Page 290.
LED illumination insert 0497 07, 0497 08, 0497 10, 0497 18, 0992 00, 1405 00 → Page 290.

F100

	Order no.	Packing unit	PS

Cover plates for switches and push buttons

The following cover plates and rockers are supplied without inserts. Please order separately → Page 275.



Rocker for rocker switches and push rockers

cream white glossy	**0296 111**	10/100	01
pure white glossy	**0296 112**	10/100	01

Inserts 0102 00, 0106 00, 0107 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 275.
Sealing flange IP 44 2790 111 → Page 209.



Rocker with large inscription space for rocker switches and push rockers

cream white glossy	**0676 111**	1	01
pure white glossy	**0676 112**	1	01

With large inscription space (70 x 24 mm).
Neutral inscription label is included. Inscription labels with „light“, „bell“ and „door“ symbols are included.

Inserts 0102 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 275.
Inscription sheets 2875 .. → Page 295.
Sealing flange IP 44 2790 111 → Page 209.



Rocker with symbol for rocker switches and push rockers

Light

cream white glossy	**0285 111**	5	01
pure white glossy	**0285 112**	5	01

Bell

cream white glossy	**0286 111**	5	01
pure white glossy	**0286 112**	5	01

Door

cream white glossy	**0287 111**	5	01
pure white glossy	**0287 112**	5	01

Inserts 0102 00, 0106 00, 0107 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 275.
Sealing flange IP 44 2790 111 → Page 209.
Inscription sheets 2875 .. → Page 295.



Rocker with bell symbol and large inscription space for push rockers

Bell

cream white glossy	**0679 111**	1	01
pure white glossy	**0679 112**	1	01

With large inscription space (70 x 24 mm).
Neutral inscription label is included.

Inserts 0150 00, 0151 00, 0152 00, 0156 00 → Page 276.
Inscription sheets 2875 .. → Page 295.
Sealing flange IP 44 2790 111 → Page 209.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Series rockers for rocker switches and push rockers

cream white glossy	**0295 111**	5	01
pure white glossy	**0295 112**	5	01

Inserts 0105 00, 0108 00, 0139 00, 0147 00, 0155 00 → Page 275.
Sealing flange IP 44 2790 111 → Page 209.



Series rockers with control window for series control switches

cream white glossy	**0631 111**	1	01
pure white glossy	**0631 112**	1	01

Series control switch insert 0145 00 → Page 275.
Sealing flange IP 44 2790 111 → Page 209.



Rockers with arrow symbol

cream white glossy	**0294 111**	5	01
pure white glossy	**0294 112**	5	01

Blind button/switch inserts 0158 00, 0159 00 → Page 277.
Sealing flange IP 44 2790 111 → Page 209.



Rockers with arrow symbols

cream white glossy	**1150 111**	1	01
pure white glossy	**1150 112**	1	01

Push rocker insert, 4-gang 0147 00 → Page 276.
Sealing flange IP 44 2790 111 → Page 209.



Rocker with control window for rocker switches and push rockers

cream white glossy	**0290 111**	5	01
pure white glossy	**0290 112**	5	01

Inserts 0102 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 275.
Sealing flange IP 44 2790 111 → Page 209.



Rocker with large inscription space and control window for rocker switches and push rockers

cream white glossy	**0670 111**	1	01
pure white glossy	**0670 112**	1	01

With large inscription space (70 x 24 mm).
Neutral inscription label is included.
Inserts 0102 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 275.
Inscription sheets 2875 .. → Page 295.
Sealing flange IP 44 2790 111 → Page 209.

	Order no.	Packing unit	PS



Rocker with light symbol and control window for rocker switches and push rockers

Light

cream white glossy	**0674 111**	1	01
pure white glossy	**0674 112**	5	01

Inserts 0102 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 275.
Sealing flange IP 44 2790 111 → Page 209.



Rocker labelled „Heizung Notschalter" and control window for control switch

cream white glossy	**0678 111**	1	01
pure white glossy	**0678 112**	1	01

Control switch inserts 0112 00, 0116 00 → Page 275.
Sealing flange IP 44 2790 111 → Page 209.



Cover plate with knob for three-stage switch

with zero setting

cream white glossy	**0669 111**	1	02
pure white glossy	**0669 112**	1	02

Three-stage switch insert 0149 00 → Page 289.



Cover plate for pull-switch and pull-button inserts

cream white glossy	**0638 111**	1	01
pure white glossy	**0638 112**	1	01

Neutral and red lens included.
Pull-switch/pull-button inserts 0142 00, 0146 00, 0165 00 → Page 276.



Hotel-card button 10 A 250 V~ can be illuminated

2-way switch, 1-pole

cream white glossy	**0140 111**	1/5	01
pure white glossy	**0140 112**	1/5	01

The hotel-card button with disassembly safeguard can, for example, take over safety or energy-saving functions. When the hotel-card is removed, any devices which are still switched on are deactivated. The electric circuit is only activated via the push button after insertion of the card.
Additional designs on request.
Glow lamp elements 0995 00, 0996 00, 0997 00 → Page 290.
LED illumination insert 0497 07, 0497 08, 0497 10, 0497 18, 0992 00, 1405 00 → Page 290.

	Order no.	Packing unit	PS



Rocker switch 10 A 250 V~ with series rockers for hotel-status display

cream white glossy	**1104 111**	1	01
pure white glossy	**1104 112**	1	01

Switch for hotel-status display „Do not disturb“ and „Make up room“.
With block preventing two-sided activation.
Electrically and mechanically locked.
LED signal light red/green 1171 .. → Page 186.
Sealing flange IP 44 2790 111 → Page 209.



LED signal light, 230 V~, red/green

cream white glossy	**1171 111**	1	02
pure white glossy	**1171 112**	1	02

With the signal light, simple signalling can be realised, e.g. for doctor's consulting rooms, conference rooms or in hotel rooms. The entire insert surface of 55 x 55 mm is divided into an upper half for the colour red and a lower half for the colour green with homogeneous illumination. The two halves can be activated separately, e.g. by using a series switch. Two inscription labels „Bitte warten“/„Bitte eintreten“ and „Do not disturb“/„Make up room“ are included.

Power supply:	230 V AC, 50 Hz
Power consumption:	1.0 W/5.6 VA
Light intensity:	0.1 cd (red)
	0.3 cd (green)
Protection type:	IP 20
Operating temperature:	-15 °C to +40 °C

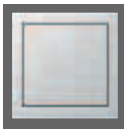
Series switches for hotel-status display 1104 .. → Page 186.
Rocker blind switch/button 0159 00 → Page 277.
Inscription sheets 2870 .. → Page 295.



Cover plate with support ring for acceptance of command and signal devices with a diameter of ∅ 22.5 mm

cream white glossy	**0272 111**	1	01
pure white glossy	**0272 112**	1	01

For screw attachment. For push buttons, slam buttons, key buttons, non-latching buttons, illuminated buttons, mushroom buttons, selector switches and signal lights, e.g. from Lumitas, Rafi, Elan and Fanal.



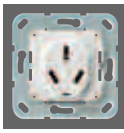
Blind cover plate with support ring

cream white glossy	**0268 111**	5	01
pure white glossy	**0268 112**	5	01

For screw attachment.

	Order no.	Packing unit	PS

Socket outlets



Chinese socket outlet insert 16 A 250 V~

0424 100	10/150	01

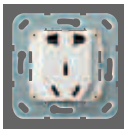
New.
Cover plate for Chinese socket outlet 16 A 2842 .. → Page 186.



Cover plate for Chinese socket outlet 16 A 250 V~

cream white glossy	**2842 111**	10	29
pure white glossy	**2842 112**	10	29

New.
Chinese socket outlet insert 16 A 0424 100 → Page 186.



2-gang socket outlet insert Chinese socket outlet 10 A and „EURO-US“ socket outlet 10 A

0425 100	10/150	01

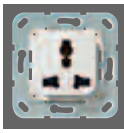
New.
Cover plate for 2-gang socket outlet Chinese socket outlet and „EURO-US“ socket outlet 2843 .. → Page 186.



Cover plate for 2-gang socket outlet Chinese socket outlet 10 A and „EURO-US“ socket outlet 10 A

cream white glossy	**2843 111**	10	29
pure white glossy	**2843 112**	10	29

New.
Insert for 2-gang socket outlet Chinese socket outlet and „EURO-US“ socket outlet 425 100 → Page 186.



Chinese socket outlet insert 10 A 250 V~

0420 100	10	01

New. Date of delivery upon request.
This product is available only outside Europe.
Cover plate for Chinese socket outlet 10 A 2839 .. → Page 186.



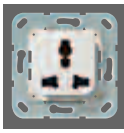
Cover plate for Chinese socket outlet 10 A/250 V~

cream white glossy	**2839 111**	10	29
pure white glossy	**2839 112**	10	29

New. Date of delivery upon request.
This product is available only outside Europe.
Chinese socket outlet insert 10 A 0420 100 → Page 186.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Multinational socket outlet insert

	2815 00	10	29

New. Date of delivery upon request.
This product is available only outside Europe.
Cover plate multinational socket outlet 2841 .. → Page 187.



Cover plate multinational socket outlet

cream white glossy	**2841 111**	10	29
pure white glossy	**2841 112**	10	29

New. Date of delivery upon request.
This product is available only outside Europe.
Multinalional socket outlet insert 2815 00 → Page 187.



American socket outlet 2-pole + E 20 A 125 V~, NEMA 5-20 R

cream white glossy	**0487 111**	1/5	01
pure white glossy	**0487 112**	1/5	01

For screw attachment only. Symbol labelling is possible here. UL certified.



HNA socket outlet 10 A/250 V~

cream white glossy	**0479 111**	1/5	01
pure white glossy	**0479 112**	1/5	01

For screw attachment only.



Socket outlet with protective contact „EURO-US" 16 A/250 V~

cream white glossy	**2840 111**	1	29
pure white glossy	**2840 112**	1	29

New. Available starting February 2013.



Socket outlet with earth pin 16 A/250 V~

with child protection and ⓘ symbol

cream white glossy	**0485 111**	1	01
pure white glossy	**0485 112**	1	01

Approved according to NF C 61-314 (2003).
With screw terminals.

	Order no.	Packing unit	PS

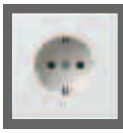


Socket outlet with earth pin and hinged cover 16 A/250 V~

with child protection and ⓘ symbol

cream white glossy	**0488 111**	10	01
pure white glossy	**0488 112**	10	01

Approved according to NF C 61-314 (2003).
Sealing flange IP 44 2790 111 → Page 209.



SCHUKO socket outlet 16 A 250 V~

cream white glossy	**0188 111**	10/100	01
pure white glossy	**0188 112**	10/100	01

with green cover plate for SV (safety supply)[1)]

green, glossy	**0455 119**	1/5	01

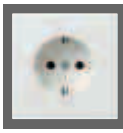
with orange cover plate for ZSV (supplementary safety supply)[1)]

orange, glossy	**0456 119**	1/5	01

with red cover plate for WSV (additional safety supply)[1)]

red, glossy	**0449 119**	1/5	01

[1)]The bases of the SCHUKO socket outlets are marked with the respective colour.



SCHUKO socket outlet 16 A/250 V~ without attachment claws

cream white glossy	**0466 111**	10/100	01
pure white glossy	**0466 112**	10/100	01



SCHUKO socket outlet 16 A/250 V~ with child protection and ⓘ symbol

cream white glossy	**0453 111**	10/100	01
pure white glossy	**0453 112**	10/100	01

with green cover plate for SV (safety supply)[1)]

green, glossy	**0432 119**	1/5	01

with orange cover plate for ZSV (supplementary safety supply)[1)]

orange, glossy	**0433 119**	1/5	01

with red cover plate for WSV (additional safety supply)[1)]

red, glossy	**0434 119**	1/5	01

Increased contact protection pursuant to VDE 0620.
[1)]The bases of the SCHUKO socket outlets are marked with the respective colour.



SCHUKO socket outlet 16 A/250 V~ with „EDV" labelling

cream white glossy	**0458 111**	1/5	01
pure white glossy	**0458 112**	1/5	01

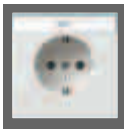
	Order no.	Packing unit	PS



SCHUKO socket outlet 16 A/250 V~ with inscription space

cream white glossy	**0457 111**	1/5	01
pure white glossy	**0457 112**	1/5	01
with green cover plate for SV (safety supply)[1)]			
green, glossy	**0472 119**	1/5	01
with orange cover plate for ZSV (supplementary safety supply)[1)]			
orange, glossy	**0473 119**	1/5	01
with red cover plate for WSV (additional safety supply)[1)]			
red, glossy	**0474 119**	1/5	01

Inscription label „EDV“ is included.
[1)]The bases of the SCHUKO socket outlets are marked with the respective colour.
Inscription sheets 2876 .. → Page 295.



SCHUKO socket outlet 16 A/250 V~ with inscription space, child protection and symbol

cream white glossy	**0462 111**	1/5	01
pure white glossy	**0462 112**	1/5	01
with green cover plate for SV (safety supply)[1)]			
green, glossy	**0438 119**	1/5	01
with orange cover plate for ZSV (supplementary safety supply)[1)]			
orange, glossy	**0427 119**	1/5	01
with red cover plate for WSV (additional safety supply)[1)]			
red, glossy	**0421 119**	1/5	01

Increased contact protection pursuant to VDE 0620.
Inscription label „EDV“ is included.
[1)]The bases of the SCHUKO socket outlets are marked with the respective colour.
Inscription sheets 2876 .. → Page 295.



SCHUKO socket outlet 16 A/250 V~ with hinged cover

cream white glossy	**0454 111**	1/5	01
pure white glossy	**0454 112**	1/5	01
with green cover plate for SV (safety supply)[1)]			
green, glossy	**0415 119**	1/5	01
with orange cover plate for ZSV (supplementary safety supply)[1)]			
orange, glossy	**0416 119**	1/5	01
with red cover plate for WSV (additional safety supply)[1)]			
red, glossy	**0104 119**	1/5	01

[1)]The bases of the SCHUKO socket outlets are marked with the respective colour.
Sealing flange IP 44 2790 111 → Page 209.

	Order no.	Packing unit	PS



SCHUKO socket outlet 16 A/250 V~ with hinged cover, child protection and symbol

cream white glossy	**0414 111**	1/5	01
pure white glossy	**0414 112**	1/5	01
with green cover plate for SV (safety supply)[1)]			
green, glossy	**2750 119**	1/5	01
with orange cover plate for ZSV (supplementary safety supply)[1)]			
orange, glossy	**2751 119**	1/5	01
with red cover plate for WSV (additional safety supply)[1)]			
red, glossy	**2752 119**	1/5	01

Increased contact protection pursuant to VDE 0620.
[1)]The bases of the SCHUKO socket outlets are marked with the respective colour.
Sealing flange IP 44 2790 111 → Page 209.



SCHUKO socket outlet 16 A/250 V~ with hinged cover and inscription space

cream white glossy	**0410 111**	1/5	01
pure white glossy	**0410 112**	1/5	01
with child protection and symbol[1)]			
cream white glossy	**0439 111**	1/5	01
pure white glossy	**0439 112**	1/5	01

Inscription label „EDV“ is included.
[1)]Increased contact protection pursuant to VDE 0620.
Inscription sheets 2876 .. → Page 295.
Sealing flange IP 44 2790 111 → Page 209.



SCHUKO socket outlet 16 A/250 V~ with control light and inscription space

cream white glossy	**0452 111**	1/5	01
pure white glossy	**0452 112**	1/5	01
with child protection and symbol[1)]			
cream white glossy	**0435 111**	1/5	01
pure white glossy	**0435 112**	1/5	01

Inscription label „EDV“ is included. With neon lamp element. LED lighting inserts are optionally available.
[1)]Increased contact protection pursuant to VDE 0620.
Inscription sheets 2876 .. → Page 295.



SCHUKO socket outlet 16 A/250 V~ with control light and hinged cover with inscription space

cream white glossy	**2753 111**	1/5	01
pure white glossy	**2753 112**	1/5	01
with child protection and symbol[1)]			
cream white glossy	**2754 111**	1/5	01
pure white glossy	**2754 112**	1/5	01

Inscription label „EDV“ is included. With neon lamp element. LED lighting inserts are optionally available.
[1)]Increased contact protection pursuant to VDE 0620.
Inscription sheets 2876 .. → Page 295.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



SCHUKO socket outlet 16 A/250 V~ with insert rotated 30°

cream white glossy	**0406 111**	1/5	01
pure white glossy	**0406 112**	1/5	01
with child protection and ⓘ symbol[1)]			
cream white glossy	**0418 111**	1/5	01
pure white glossy	**0418 112**	1/5	01

Particularly suitable for angled plugs.
Also suitable for use in energy profiles and under-floor systems.
For screw attachment without fixing claws.
[1)]Increased contact protection pursuant to VDE 0620.



SCHUKO socket outlet 16 A/250 V~ with voltage overload protection and inscription space

cream white glossy	**0451 111**	1/5	02
pure white glossy	**0451 112**	1/5	02

With acoustic signal. Inscription label „EDV" is included. With screw terminals.
Maximum nominal discharge surge current: (8/20) to 4.5 kA
Inscription sheets 2876 .. → Page 295.

i 33



SCHUKO 2-gang socket outlet 16 A/250 V~ complete with cover frame

cream white glossy	**0780 111**	1	01
pure white glossy	**0780 112**	1	01
Cream white / colour brass	**0780 113**	1	11
Cream white / colour platinum	**0780 114**	1	11
Cream white / colour chrome	**0780 115**	1	11
Pure white/colour brass	**0780 116**	1	11
Pure white/colour platinum	**0780 117**	1	11
Pure white / colour chrome	**0780 118**	1	11
with child protection and ⓘ symbol[1)]			
cream white glossy	**0783 111**	1	01
pure white glossy	**0783 112**	1	01
Cream white / colour brass	**0783 113**	1	11
Cream white / colour platinum	**0783 114**	1	11
Cream white / colour chrome	**0783 115**	1	11
Pure white/colour brass	**0783 116**	1	11
Pure white/colour platinum	**0783 117**	1	11
Pure white / colour chrome	**0783 118**	1	11

Suitable for all common 60 mm flush-mounted wall boxes.
[1)]Increased contact protection pursuant to VDE 0620.

	Order no.	Packing unit	PS

Dimmers



Cover plate with button for dimmer and electronic potentiometer

cream white glossy	**0650 111**	5	02
pure white glossy	**0650 112**	5	02

Universal rotary dimmer insert 1176 00 → Page 283.
Auxiliary insert 1177 00 → Page 283.
Light-bulb dimming insert with 2-way turn-off switch 0300 00 → Page 285.
Light-bulb dimming insert 1184 00 → Page 285.
Light bulb dimming insert 0302 00 → Page 285.
Light-bulb dimming insert 1181 00 → Page 285.
Tronic dimming insert 1182 00 → Page 286.
Tronic dimming insert 0307 00 → Page 286.
LV dimming insert 2262 00 → Page 286.
LV dimming insert 1183 00 → Page 286.
Control device LEDOTRON 2290 00 → Page 287.
Electronic potentiometer insert 0308 00, 0309 00 → Page 288.
Sealing flange IP 44 2790 111 → Page 209.



Cover plate with button for speed adjuster

cream white glossy	**0652 111**	1	02
pure white glossy	**0652 112**	1	02

Speed adjuster insert 0314 00 → Page 289.
Sealing flange IP 44 2790 111 → Page 209.



System 2000 top unit for switching and dimming (touch dimmer cover plate)

cream white glossy	**2316 111**	1	02
pure white glossy	**2316 112**	1	02

New.
Top unit with short-stroke button for use with System 2000. The top unit operates based on the 2-area principle, i.e. there is an upper and lower rocker half used for controlling the inserts.
Operating temperature: -20 °C to +45 °C

System 2000 universal dimming insert 0305 00 → Page 278.
System 2000 LV dimmer insert 0331 00 → Page 278.
System 2000 1–10 V control device insert 0860 00 → Page 279.
System 2000 Tronic switch insert (only switching here) 0866 00 → Page 280.
System 2000 Triac switch insert (only switching here) 0854 00 → Page 280.
System 2000 relay insert (only switching here) 0853 00 → Page 281.
System 2000 relay insert, zero-voltage (only switching here) 1148 00 → Page 281.
System 2000 HLK relay insert (only switching here) 0303 00 → Page 282.
System 2000 impulse insert 0336 00 → Page 282.
System 2000 auxiliary insert 0333 00 → Page 283.

	Order no.	Packing unit	PS



Series top unit for switching and dimming (touch dimmer cover plate)

cream white glossy	**2315 111**	1	02
pure white glossy	**2315 112**	1	02

New.
Top unit with short-stroke button for use with the series dimming insert. The top is for switching on and dimming brighter, while the bottom is for switching off and dimming darker.
Operating temperature: -20 °C to +45 °C
Universal series dimming insert 2263 00 → Page 284.



eNet Radio switching/dimming top unit, 1-gang

cream white glossy	**5490 111**	1	02
pure white glossy	**5490 112**	1	02

New. Available starting May 2013.
The radio license is valid for EU and EFTA countries.
For use in Gira eNet.
Functional description → Page 527.



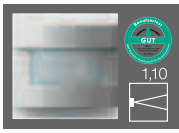
Radio top unit for switching and dimming (touch dimmer cover plate)

cream white glossy	**0543 111**	1/5	02
pure white glossy	**0543 112**	1/5	02

For use in the Gira radio bus system.
Functional description → Page 554.

	Order no.	Packing unit	PS

Automatic light



System 2000 Top unit automatic control switches

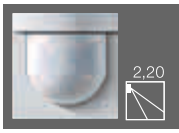
Standard top unit

cream white glossy	**1300 111**	1/5	02
pure white glossy	**1300 112**	1/5	02

Comfort top unit

cream white glossy	**0661 111**	1	02
pure white glossy	**0661 112**	1	02

Functional description of standard top unit → Page 320.
Functional description of comfort top unit → Page 320.



System 2000 Top unit, automatic control switch 2 for high installation areas

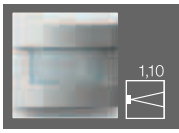
Standard top unit

cream white glossy	**2301 111**	1/5	02
pure white glossy	**2301 112**	1/5	02

Comfort top unit

cream white glossy	**2302 111**	1/5	02
pure white glossy	**2302 112**	1/5	02

Functional description of standard top unit for high installation areas → Page 321.
Functional description of comfort top unit for high installation areas → Page 322.



Radio automatic control switch

cream white glossy	**1306 111**	1	02
pure white glossy	**1306 112**	1	02

For use in the Gira radio bus system.
Functional description → Page 548.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

LED illumination



LED signal light, 230 V~, red/green

cream white glossy	**1171 111**	1	02
pure white glossy	**1171 112**	1	02

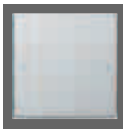
With the signal light, simple signalling can be realised, e.g. for doctor's consulting rooms, conference rooms or in hotel rooms. The entire insert surface of 55 x 55 mm is divided into an upper half for the colour red and a lower half for the colour green with homogeneous illumination. The two halves can be activated separately, e.g. by using a series switch. Two inscription labels „Bitte warten“/„Bitte eintreten“ and „Do not disturb“/„Make up room“ are included.

Power supply:	230 V AC, 50 Hz
Power consumption:	1.0 W/5.6 VA
Light intensity:	0.1 cd (red)
	0.3 cd (green)
Protection type:	IP 20
Operating temperature:	-15 °C to +40 °C

Series switches for hotel-status display 1104 .. → Page 186.
Rocker blind switch/button 0159 00 → Page 277.
Inscription sheets 2870 .. → Page 295.

	Order no.	Packing unit	PS

Push button sensors/cover plates for bus systems



Push button sensor 3 Basic 1-gang

cream white glossy	**2021 111**	1/5	06
pure white glossy	**2021 112**	1/5	06

For use in the Gira KNX/EIB system.
Functional description → Page 424.



Push button sensor 3 Basic 2-gang

cream white glossy	**2022 111**	1/5	06
pure white glossy	**2022 112**	1/5	06

For use in the Gira KNX/EIB system.
Functional description → Page 425.



Push button sensor 3 Basic 3-gang

cream white glossy	**2023 111**	1	06
pure white glossy	**2023 112**	1	06

For use in the Gira KNX/EIB system.
Functional description → Page 425.



Push button sensor 3 Comfort 1-gang

cream white glossy	**2031 111**	1/5	06
pure white glossy	**2031 112**	1/5	06

For use in the Gira KNX/EIB system.
Functional description → Page 426.



Push button sensor 3 Comfort 2-gang

cream white glossy	**2032 111**	1/5	06
pure white glossy	**2032 112**	1/5	06

For use in the Gira KNX/EIB system.
Functional description → Page 427.

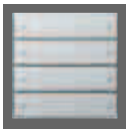


Push button sensor 3 Comfort 3-gang

cream white glossy	**2033 111**	1/5	06
pure white glossy	**2033 112**	1/5	06

For use in the Gira KNX/EIB system.
Functional description → Page 428.

	Order no.	Packing unit	PS



Push button sensor 3 Comfort 4-gang

cream white glossy	**2034 111**	1	06
pure white glossy	**2034 112**	1	06

For use in the Gira KNX/EIB system.
Functional description → Page 429.



Push button sensor 3 Comfort 4-gang (2+2)

cream white glossy	**2035 111**	1	06
pure white glossy	**2035 112**	1	06

For use in the Gira KNX/EIB system.
Functional description → Page 430.



Push button sensor 3 Plus 2-gang

cream white glossy	**2042 111**	1/5	06
pure white glossy	**2042 112**	1/5	06

For use in the Gira KNX/EIB system.
Functional description → Page 432.



Push button sensor 3 Plus 3-gang (1+2)

cream white glossy	**2043 111**	1	06
pure white glossy	**2043 112**	1	06

For use in the Gira KNX/EIB system.
Functional description → Page 433.

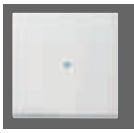


Push button sensor 3 Plus 6-gang (2+4)

cream white glossy	**2046 111**	1	06
pure white glossy	**2046 112**	1	06

For use in the Gira KNX/EIB system.
Functional description → Page 435.

	Order no.	Packing unit	PS



eNet Radio switching/dimming top unit, 1-gang

cream white glossy	**5490 111**	1	02
pure white glossy	**5490 112**	1	02

New. Available starting May 2013.
The radio license is valid for EU and EFTA countries.
Gira eNet functional description → Page 527.



Radio top unit for switching and dimming (touch dimmer cover plate)

cream white glossy	**0543 111**	1/5	02
pure white glossy	**0543 112**	1/5	02

For use in the Gira radio bus system.
Functional description → Page 554.



eNet Radio blind control button, 1-gang

cream white glossy	**5491 111**	1	02
pure white glossy	**5491 112**	1	02

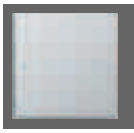
New. Available starting May 2013.
The radio license is valid for EU and EFTA countries.
Gira eNet functional description → Page 527.



Radio blind control button with sensor evaluation

cream white glossy	**0545 111**	1	02
pure white glossy	**0545 112**	1	02

For use in the Gira radio bus system.
Functional description → Page 555.



Radio wall transmitter, flat design, 1-gang

cream white glossy	**2251 111**	1	02
pure white glossy	**2251 112**	1	02

Functional description of radio bus system → Page 544.



Radio wall transmitter, flat design, 2-gang

cream white glossy	**2252 111**	1	02
pure white glossy	**2252 112**	1	02

Functional description of radio bus system → Page 544.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Radio wall transmitter, flat design, 4-gang

cream white glossy	**2254 111**	1	02
pure white glossy	**2254 112**	1	02

Functional description of radio bus system → Page 545.



KNX/EIB data interface with inscription space and removal protection

cream white glossy	**0558 111**	1	06
pure white glossy	**0558 112**	1	06

For use in the Gira KNX/EIB system.
Functional description → Page 444.



Cover plate for TAE, USB

cream white glossy	**0276 111**	5	01
pure white glossy	**0276 112**	5	01
with inscription space			
cream white glossy	**0876 111**	1	01
pure white glossy	**0876 112**	1	01

USB data interface UP 1070 00 → Page 475.
Inscription sheets 2876 .. → Page 295.



KNX/EIB
Continuous regulator with 4-gang button interface including bus coupler

cream white glossy	**2100 111**	1	06
pure white glossy	**2100 112**	1	06
Remote sensor	**1493 00**	1	02

For use in the Gira KNX/EIB system.
Functional description → Page 445.



KNX/EIB
Object regulator with 4-gang button interface including bus coupler

cream white glossy	**2101 111**	1	06
pure white glossy	**2101 112**	1	06
Remote sensor	**1493 00**	1	02

For use in the Gira KNX/EIB system.
Functional description → Page 446.



KNX/EIB
CO_2 sensor with humidity and room temperature controller

cream white glossy	**2104 111**	1	06
pure white glossy	**2104 112**	1	06

For use in the Gira KNX/EIB system.
Functional description → Page 447.

	Order no.	Packing unit	PS



KNX/EIB
automatic control switch

Standard top unit			
cream white glossy	**0880 111**	1/5	06
pure white glossy	**0880 112**	1/5	06
Comfort top unit			
cream white glossy	**1304 111**	1/5	06
pure white glossy	**1304 112**	1/5	06
Standard top unit for high installation areas			
cream white glossy	**0889 111**	1/5	06
pure white glossy	**0889 112**	1/5	06
Comfort top unit for high installation areas			
cream white glossy	**1305 111**	1/5	06
pure white glossy	**1305 112**	1	06

For use in the Gira KNX/EIB system.
Functional description of standard top unit → Page 451.
Functional description of comfort top unit → Page 452.
Functional description of standard top unit for high installation areas → Page 451.
Functional description of comfort top unit for high installation areas → Page 453.



KNX/EIB
info display 2
with disassembly safeguard

cream white glossy	**0510 111**	1/5	06
pure white glossy	**0510 112**	1/5	06

For use in the Gira KNX/EIB system.
Functional description → Page 454.

F100

	Order no.	Packing unit	PS

Blind controller



Rockers with arrow symbol

cream white glossy	**0294 111**	5	01
pure white glossy	**0294 112**	5	01

Blind button/switch inserts 0158 00, 0159 00 → Page 277.
Sealing flange IP 44 2790 111 → Page 209.



Rockers with arrow symbols

cream white glossy	**1150 111**	1	01
pure white glossy	**1150 112**	1	01

Push rocker insert, 4-gang 0147 00 → Page 276.
Sealing flange IP 44 2790 111 → Page 209.



Cover plate with knob for blind switch/button and timer

cream white glossy	**0666 111**	1	01
pure white glossy	**0666 112**	1	01

This cover plate can be used universally via replacement of the accompanying symbol plates for blind (▲,▼) and time (15 min, 120 min).
Blind button/switch inserts 0154 00, 0157 00 → Page 277.
Timer inserts 0320 00, 0321 00 → Page 277.



Cover plate for 2-pole key switches and 1-pole key switches

cream white glossy	**0664 111**	1	02
pure white glossy	**0664 112**	1	02

Key switch inserts 0144 00, 0163 00 → Page 277.
Profile semi-cylinder locks 0001 00, 0002 00, 0003 00 → Page 293.
Sealing flange IP 44 2790 111 → Page 209.



Blind control button standard top unit

cream white glossy	**2324 111**	1	02
pure white glossy	**2324 112**	1	02

New.
Functional description → Page 311.



Blind control button top unit

cream white glossy	**2328 111**	1	02
pure white glossy	**2328 112**	1	02

New.
Functional description → Page 311.



Top unit for blind control button with memory function and sensor evaluation

cream white glossy	**0822 111**	1	02
pure white glossy	**0822 112**	1	02

Functional description → Page 312.



eNet Radio blind control button, 1-gang

cream white glossy	**5491 111**	1	02
pure white glossy	**5491 112**	1	02

New. Available starting May 2013.
The radio license is valid for EU and EFTA countries.
For use in Gira eNet.
Functional description → Page 527.



Radio blind control button with sensor evaluation

cream white glossy	**0545 111**	1	02
pure white glossy	**0545 112**	1	02

For use in the Gira radio bus system.
Functional description → Page 555.



Top unit electronic blind controller "easy"

cream white glossy	**0841 111**	1/5	02
pure white glossy	**0841 112**	1/5	02

Functional description → Page 314.

The delivery results subject to countries specific assortments.

Time switch



Cover plate with knob for timer and blind switch/push button

	Order no.	Packing unit	PS
cream white glossy	**0666 111**	1	01
pure white glossy	**0666 112**	1	01

This cover plate can be used universally via replacement of the accompanying symbol plates for time (15 min, 120 min) and blind (▲, ▼).

Timer inserts 0320 00, 0321 00 → Page 277.
Blind button/switch inserts 0154 00, 0157 00 → Page 277.



Electronic time clock "easy" 230 V~

0 – 1000 W/VA

	Order no.	Packing unit	PS
cream white glossy	**1175 111**	1	02
pure white glossy	**1175 112**	1	02

The time clock is installed in a 60 mm flush-mounted box (deep box recommended). The device enables programmed, time-controlled switching of various lighting elements.

- 2 switch-on and 2 switch-off times each for Mo - Fr and Sa + Su.
- Programmed switching times are permanently retained.
- Time is retained for approx. 4 hours in case of a power failure (maintenance-free without batteries).
- Automatic summer/winter changeover.

Rated voltage:	AC 230 V, 50 Hz, N conductor required
Contact rating:	1000 W light bulbs 1000 W HV halogen 750 VA LV halogen for wound transformer with at least 85 % rated load 750 W LV halogen, Gira Tronic transformer 500 VA fluorescent lamps, not compensated 400 VA fluorescent lamps, parallel-compensated 1000 VA fluorescent lamps, dual switching
Ambient temperature:	0 °C to +45 °C
Connection:	Screw terminals for max. 2.5 mm^2 or 2 x 1.5 mm^2

i 63



Electronic time clock 230 V~(AC)

0 – 1000 W/VA

	Order no.	Packing unit	PS
cream white glossy	**0385 111**	1	02
pure white glossy	**0385 112**	1	02

The time clock is installed in a 60 mm flush-mounted box (deep box recommended).
The device enables programmed, time-controlled switching of various lighting elements up to max. 1,000 W.

- 2 independent program memories for different types of use in the house.
- Switching times preset at the factory for fast commissioning.
- Up to 18 switching times can be programmed.
- Easy, menu-driven operation and programming via a 4-button field.
- Power reserve up to 24 hours (maintenance-free without batteries).
- Resetting of the time clock to the factory settings.
- Random generator can be activated; works in the range of ± 15 min.
- Astro function with individual Astro time shift (± 2 hours) depending on the place of use.
- Easy switchover between summer/winter time.
- Timer function (automatic switch-off after set time).
- Manual actuation possible at all times.
- Control via 2 separate auxiliary inputs possible.
- Zero-voltage contact (not suitable for disconnection).

Rated voltage:	AC 230 V, 50 Hz, N conductor required
Contact rating:	1000 W light bulbs 1000 W HV halogen 750 VA LV halogen for wound transformer with at least 85 % rated load 750 W LV halogen, Gira Tronic transformer 500 VA fluorescent lamps, not compensated 400 VA fluorescent lamps, parallel-compensated 1000 VA fluorescent lamps, dual switching
Ambient temperature:	0 °C to +45 °C
Connection:	Screw terminals for max. 2.5 mm^2 or 2 x 1.5 mm^2
Ambient temperature:	0 °C to +45 °C
Connection:	Screw terminals for max. 2.5 mm^2 or 2 x 1.5 mm^2

i 63

	Order no.	Packing unit	PS

Room temperature controller



Room temperature controller 230 V~

230/10 (4) A~ with NC contact and on/off switch with control lamp[1)]

cream white glossy	**0392 111**	1/5	02
pure white glossy	**0392 112**	1/5	02

230/10 (4) A~ with NC contact[1)]

cream white glossy	**0390 111**	1/5	02
pure white glossy	**0390 112**	1/5	02

230/5 (2) A~ with 2-way switch[2)]

cream white glossy	**0396 111**	1/5	02
pure white glossy	**0396 112**	1/5	02

For screw attachment only. Flat design.
[1)] Contact rating: 2200 W.
Night-time reduction: approx. 4 K.
[2)] Rated heating current: 10(4) A.
Contact rating for heating: 2200 W.
Rated cooling current: 5(2) A.
Contact rating for cooling: 1100 W.

Thermal valve drive 230 V~ 1122 00 → Page 509.

i 35



Room temperature controller 24 V~

24/10 (4) A~ with NC contact and on/off switch with control lamp[1)]

cream white glossy	**0393 111**	1/5	02
pure white glossy	**0393 112**	1/5	02

24/10 (4) A~ with NC contact[1)]

cream white glossy	**0391 111**	1/5	02
pure white glossy	**0391 112**	1/5	02

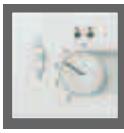
24/5 (2) A~ with 2-way switch[2)]

cream white glossy	**0397 111**	1/5	02
pure white glossy	**0397 112**	1/5	02

For screw attachment only. Flat design.
[1)] Contact rating: 240 W.
Night-time reduction: approx. 4 K.
[2)] Rated heating current: 10(4) A.
Contact rating for heating: 240 W.
Rated cooling current: 5(2) A.
Contact rating for cooling: 120 W.

Thermal valve drive 24 V 1123 00 → Page 510.

i 36



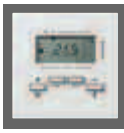
Room temperature controller 230 V~ with sensor, for electrical floor heating

230/10 (4) A~ with NO contact

cream white glossy	**0394 111**	1	02
pure white glossy	**0394 112**	1	02

For screw attachment only.
Night-time reduction: approx. 5 K.
Contact rating: 2200 W.
Flat construction.
With remote sensors on 4 m cable (2 x 0.5 mm^2), can be extended to 50 m with 1.5 mm^2 2-lead cable. Sensors in plastic cap with 8.5 mm ∅ diameter and length of 40 mm.
Lay remote sensors in empty pipe in floor.

i 35



Room temperature controller clock with cooling function

cream white glossy	**2370 111**	1	02
pure white glossy	**2370 112**	1	02

Electronic room temperature controller with integrated time delay switch for temperature-based single-room control. Heating units can be controlled directly via the switched output for example.

- Automatic switching of operating modes „heating“ or „cooling“ via separate input.
- Room temperature control via an internal and/or external temperature sensor as a room-temperature controller, as a floor-temperature controller or as a floor-temperature limiter.
- Time program with up to 32 switching points (default settings pre-programmed at the factory).
- Separate program for cooling function.
- Party function for extending the comfort temperature by 1, 2 or 3 hours, or until the next switching point.
- Energy-saving function for manual activation of the night-time reduction until the next switching point.
- Automatic summer/winter changeover.
- The hour display can be toggled between 12 and 24-hour mode.
- Self-teaching heating optimisation.
- Vacation reduction via date input.
- Remote sensor **1302 00** for measuring or controlling the floor temperature.

Rated voltage:	230 V, 50 Hz N conductor required
Contact rating:	8 (4) A 1 NO contact, with equipotential bonding (relay contact)
Temperature range:	+10 °C to +40 °C (comfort/night-time reduction) +5 °C to +15 °C (frost protection temperature)
Ambient temperature:	0 °C to +50 °C

Remote sensor 1302 00 → Page 59.
Thermal valve drive 230 V~ 1122 00 → Page 59.

i 37



Remote sensors for room-temperature controller with clock

black	**1302 00**	1	02

Remote sensors with 4 m PVC line for measurement of floor temperature in conjunction with the room-temperature controller with clock **2370 ...** Sensors in plastic cap with 6 mm ∅ diameter and length of 43 mm.

Room temperature controller with clock 2370 ... → Page 196.

i 4



Radio room temperature sensor with clock

cream white glossy	**1186 111**	1	02
pure white glossy	**1186 112**	1	02

For use in the Gira radio bus system.
Functional description → Page 548.

F100

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Electronic hygrostat 230 V~(AC)

cream white glossy	**2265 111**	1	02
pure white glossy	**2265 112**	1	02

The hygrostat detects the humidity and the room temperature via internal sensors and calculates the optimum humidity of the air for the respective measured temperature. For example, if the humidity exceeds the value set on the rotary knob, the hygrostat switches on a fan to dehumidify the room.
A fixed setpoint control that can be activated by the installer (e.g. in public buildings) prevents unauthorised changing of the humidity setpoint: In this case, 60 % relative humidity is permanently set, regardless of the position of the rotary knob on the front of the device.
To prevent continuous operation of the fan with a generally high ambient humidity (e.g. when thunderstorms are possible), the hygrostat monitors the switch-on time. If the humidity does not drop below the set value after 1 hour, ventilation is interrupted for 4 hours. This interruption is indicted by an LED and can be manually influenced with a button.

Rated voltage:	230 V, 50 Hz
Contact rating:	8 (4) A 1 NO contact, with equipotential bonding (relay contact)
Control range:	20 % to 95 % rel. humidity
Measuring tolerance:	± 5% rel. humidity
Switching differential:	± 2%
Protection type:	IP 20
Operating temperature:	0 °C to +50 °C
Cable length to load:	max. 100 m



Ambient air sensor CO_2

cream white glossy	**2381 111**	1	02
pure white glossy	**2381 112**	1	02

CO_2-sensor for monitoring CO_2 concentration in the ambient air. The air quality is displayed via a coloured (green or red) back-lit symbol (can be deactivated). Buzzer tone (can be switched off) when adjustable limit value is exceeded. Relay 2-way switch for controlling functions (not suitable for direct switching). Operating elements (DIP switches, potentiometers) are located on the rear of the measuring module; remove the measuring module from the supply module to locate them.

Operating voltage:	110 V~ to 230 V~ AC, 50 Hz
Limit value definition:	can be set from 800 to 1,500 ppm
Power consumption:	≤ 3W
Relay output:	4 A



Thermal valve drive 230 V~

	1122 00	1/5	06

Functional description → Page 509.



Thermal valve drive 24 V

	1123 00	1/5	06

Functional description → Page 510.

	Order no.	Packing unit	PS



Radio motor valve drive

	1187 00	1	02
Remote sensor			
white	**1188 00**	1	02

For use in the Gira radio bus system.
Functional description → Page 562.

F100

	Order no.	Packing unit	PS

Door communication system



Surface-mounted home station

cream white glossy	**1250 111**	1	18
pure white glossy	**1250 112**	1	18

Additional products in door communication system and functional description → Page 363.



Surface-mounted home station video

cream white glossy	**1279 111**	1	10
pure white glossy	**1279 112**	1	10

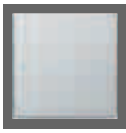
Additional products in door communication system and functional description → Page 364.



Home station

cream white glossy	**1280 111**	1	18
pure white glossy	**1280 112**	1	18

Additional products in door communication system and functional description → Page 366.



Call button, 1-gang for home station

cream white glossy	**1283 111**	1	18
pure white glossy	**1283 112**	1	18

Additional products in door communication system and functional description → Page 367.



Call button, 3-gang for home station

cream white glossy	**1285 111**	1	18
pure white glossy	**1285 112**	1	18

Additional products in door communication system and functional description → Page 368.

	Order no.	Packing unit	PS



TFT colour display

cream white glossy	**1286 111**	1	10
pure white glossy	**1286 112**	1	10

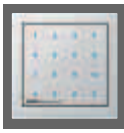
Additional products in door communication system and functional description → Page 368.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Keyless In

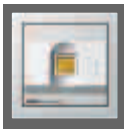
As standalone device or in combination with the Gira door communication system, enables convenient door opening for authorised persons.



Keyless In Keypad

cream white glossy	**2605 111**	1	10
pure white glossy	**2605 112**	1	10

For use as a separate device or in the Gira door communication system. Functional description → Page 382.



Keyless In Fingerprint reader

cream white glossy	**2607 111**	1	10
pure white glossy	**2607 112**	1	10

For use as a separate device or in the Gira door communication system. Functional description → Page 383.



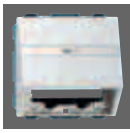
Keyless In Transponder reader

cream white glossy	**2606 111**	1	10
pure white glossy	**2606 112**	1	10
Programming card			
orange	**2608 00**	1	10
Transponder key active			
black	**2609 00**	1	10
Transponder card passive			
black/silver	**2611 00**	1	18

For use as a separate device or in the Gira door communication system. Functional description → Page 384.

	Order no.	Packing unit	PS

Communication Technology

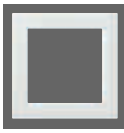


Data cap with support ring and inscription space for data and communication connection-technology inserts

cream white glossy	**0870 111**	1	01
pure white glossy	**0870 112**	1	01

For screw attachment only.
For vertical and 30° tilted socket outlet.
Inserts for data caps → Page 398.
Inscription sheets 2876 .. → Page 295.

i 11



Intermediate plate with square cut-out for devices with cover plate (50 x 50 mm)

cream white glossy	**0282 111**	10	01
pure white glossy	**0282 112**	5/25	01

With this intermediate plate and cover frame (1 to 5-gang), devices from other manufacturers with a square central plate (50 x 50 mm), e.g. Alcatel, AMP Econo Link System, Brand-Rex, BTR, Cellpack ITT Cannon Cat. 5, Deutsche Telekom, Drahtex, Hirose, Kannegieter BICC Brand Rex, Kerpen ELine 600, Krone, Molex, Nedap, Panduit, Quante, Reichle de Massari, Rutenbeck, Schumann Netzwerktechnik, HomeWay, Siemens ICCS 100, 300 and 600, Telegärtner, Telenorma, TKM (4 x RJ 45) shielded, Cat. 5) etc. can be integrated in the switch range.
Required for central plate (50 x 50 mm) for coaxial antenna socket, 4-gang 0258 .., 0259 .. → Page 207.

F100

	Order no.	Packing unit	PS

Telecommunication



Cover plate for TAE, USB

cream white glossy	**0276 111**	5	01
pure white glossy	**0276 112**	5	01
with inscription space			
cream white glossy	**0876 111**	1	01
pure white glossy	**0876 112**	1	01

Suitable for all common TAE connection boxes.
TAE connection boxes 1100 10, 0032 10, 0033 10 → Page 400.
Inscription sheets 2876 .. → Page 295.



Cover plate for TDO connection box

(for Austria only)			
cream white glossy	**0260 111**	1	01
pure white glossy	**0260 112**	1	01

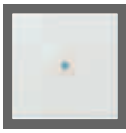
Suitable for all common TDO connection boxes.



Cover plate for UAE/IAE (ISDN) and network connection box

cream white glossy	**0270 111**	5	01
pure white glossy	**0270 112**	5	01
with inscription space			
cream white glossy	**0284 111**	1	01
pure white glossy	**0284 112**	1	01

Cover plate can be broken out.
Suitable for UAE/IAE (ISDN) connection boxes.
UAE/IAE (ISDN) connection boxes 0179 00, 0186 00, 0187 00, 0188 00, 0189 00, 0190 00 → Page 400.
Network connection boxes 0166 00, 0178 00, 0180 00, 2451 00, 2452 00 → Page 400.
Network connection box HomePlug AV 2750 00 → Page 405.
Inscription sheets 2876 .. → Page 295.



Cover plate for cable branch and telecommunications connector socket

cream white glossy	**0274 111**	1	01
pure white glossy	**0274 112**	5	01

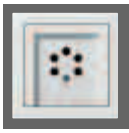
Fits all common telecommunications connector sockets.
Cable branch insert 0400 00 → Page 293.



Cover plate for KPN connection box 4-pole

cream white glossy	**0279 111**	5	01
pure white glossy	**0279 112**	5	01

	Order no.	Packing unit	PS



Cover plate for Belgacom connection box

cream white glossy	**0280 111**	1	01
pure white glossy	**0280 112**	1	01

Inserts available from wholesalers.

F100

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Data systems technology



Cover plate for Modular Jack support ring with inscription field and 30° angled socket outlet

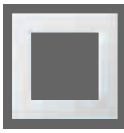
cream white glossy	**2640 111**	10	01
pure white glossy	**2640 112**	10	01

New. Available starting February 2013.

Support ring for Modular Jack 5601 00, 5602 00, 5603 00, 5604 00, 5605 00, 5606 00, 5607 00, 5608 00, 5609 00, 5610 00 → Page 401.

	Order no.	Packing unit	PS

Data and communication connection technology



Mounting frame

cream white glossy	**2648 111**	5	01
pure white glossy	**2648 112**	5	01

New. Available starting February 2013.

Suitable for multimedia inserts 5630 .., 5631 .., 5632 .., 5633 .., 5634 .., 5635 .., 5636 .., 5637 .., 5638 .., 5639 .., 5640 .., 5641 .., 5642 .., 5643 .., 5644 .., 5645 .., 5646 .., 5647 .., 5648 .., 5649 .., 5650 .., 5651 .., 5652 .., 5653 .., 5654 .., 5655 .., 5656 .., 5657 .., 5658 .., 5659 .., 5660 .., 5661 .., 5662 .., 5663 .., 5664 .., 5665 .., 5666 .., 5667 .., 5668 .., 5669 .., 5670 .., 5671 .., 5672 .., 5673 .., 5674 .., 5675 .., 5676 .., 5677 .., 5678 .., 5679 .., 5680 .., 5681 .., 5682 .., 5683 .., 5684 .., 5685 .., 5686 .., 5687 .., 5688 .., 5689 .., 5690 .., 5691 .., 5692 .., 5693 .., 5694 .., 5695 .., 5696 .., 5697 .., 5698 .., 5699 ..

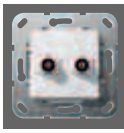


Mounting frame with hinged cover

cream white glossy	**2658 111**	1	01
pure white glossy	**2658 112**	1	01

New. Available starting March 2013.

Suitable for multimedia inserts 5631 .., 5632 .., 5633 .., 5634 .., 5635 .., 5636 .., 5637 .., 5638 .., 5639 .., 5640 .., 5641 .., 5642 .., 5643 .., 5644 .., 5645 .., 5646 .., 5647 .., 5648 .., 5649 .., 5650 .., 5651 .., 5652 .., 5653 .., 5654 .., 5655 .., 5656 .., 5657 .., 5658 .., 5659 .., 5660 .., 5661 .., 5662 .., 5663 .., 5664 .., 5667 .., 5669 .., 5670 .., 5671 .., 5672 .., 5673 .., 5674 .., 5675 .., 5676 .., 5677 .., 5678 .., 5679 .., 5680 .., 5681 .., 5682 .., 5683 .., 5684 .., 5685 .., 5686 .., 5687 .., 5688 .., 5689 .., 5690 .., 5691 .., 5692 .., 5693 .., 5694 .., 5695 .., 5696 .., 5697 .., 5698 .., 5699 ..



BNC insert, 2-gang

Crimp connection

cream white glossy	**5630 01**	1	01
pure white glossy	**5630 03**	1	01

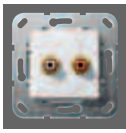
New. Available starting February 2013.

For screw attachment only.

Mounting frame 2648 .. → Page 201.

i 12

	Order no.	Packing unit	PS

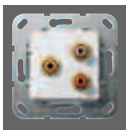


Cinch audio insert

Solder termination			
cream white glossy	**5632 01**	1	01
pure white glossy	**5632 03**	1	01
Gender changer			
cream white glossy	**5631 01**	1	01
pure white glossy	**5631 03**	1	01
Breakout cable			
cream white glossy	**5633 01**	1	01
pure white glossy	**5633 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

i 12

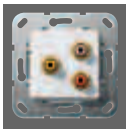


Cinch audio and mini jack 3.5 mm insert

Gender changer			
cream white glossy	**5634 01**	1	01
pure white glossy	**5634 03**	1	01
Breakout cable			
cream white glossy	**5635 01**	1	01
pure white glossy	**5635 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

i 12



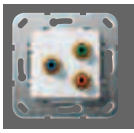
Cinch audio and composite video insert

Solder termination			
cream white glossy	**5638 01**	1	01
pure white glossy	**5638 03**	1	01
Gender changer			
cream white glossy	**5636 01**	1	01
pure white glossy	**5636 03**	1	01
Breakout cable			
cream white glossy	**5637 01**	1	01
pure white glossy	**5637 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

i 12

	Order no.	Packing unit	PS

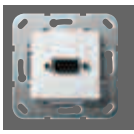


Component video insert

Solder termination			
cream white glossy	**5641 01**	1	01
pure white glossy	**5641 03**	1	01
Gender changer			
cream white glossy	**5639 01**	1	01
pure white glossy	**5639 03**	1	01
Breakout cable			
cream white glossy	**5640 01**	1	01
pure white glossy	**5640 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

i 12



Sub D 9-pole insert

Solder termination			
cream white glossy	**5642 01**	1	01
pure white glossy	**5642 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

i 12



Sub D 15-pole insert

Solder termination			
cream white glossy	**5643 01**	1	01
pure white glossy	**5643 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

i 12



DVI (24+5) insert

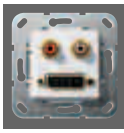
Gender changer			
cream white glossy	**5644 01**	1	01
pure white glossy	**5644 03**	1	01
Breakout cable			
cream white glossy	**5645 01**	1	01
pure white glossy	**5645 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

i 12

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Cinch audio and DVI (24+5) insert

Gender changer

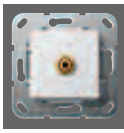
cream white glossy	**5646 01**	1	01
pure white glossy	**5646 03**	1	01

Breakout cable

cream white glossy	**5647 01**	1	01
pure white glossy	**5647 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

i 12



Mini jack 3.5 mm insert

Gender changer

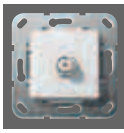
cream white glossy	**5648 01**	1	01
pure white glossy	**5648 03**	1	01

Breakout cable

cream white glossy	**5649 01**	1	01
pure white glossy	**5649 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

i 12



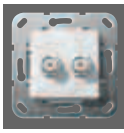
SAT F pin jack insert

Gender changer

cream white glossy	**5650 01**	1	01
pure white glossy	**5650 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

i 12



SAT F pin jack insert, 2-gang

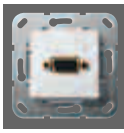
Gender changer

cream white glossy	**5651 01**	1	01
pure white glossy	**5651 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

i 12

	Order no.	Packing unit	PS



VGA insert

Gender changer

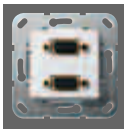
cream white glossy	**5652 01**	1	01
pure white glossy	**5652 03**	1	01

Breakout cable

cream white glossy	**5653 01**	1	01
pure white glossy	**5653 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

i 12



VGA insert, 2-gang

Gender changer

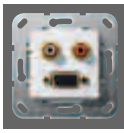
cream white glossy	**5654 01**	1	01
pure white glossy	**5654 03**	1	01

Breakout cable

cream white glossy	**5655 01**	1	01
pure white glossy	**5655 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

i 12



Cinch audio and VGA insert

Gender changer

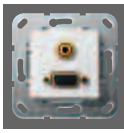
cream white glossy	**5656 01**	1	01
pure white glossy	**5656 03**	1	01

Breakout cable

cream white glossy	**5657 01**	1	01
pure white glossy	**5657 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

i 12



VGA and mini jack 3.5 mm insert

VGA coupler, breakout cable mini jack

cream white glossy	**5658 01**	1	01
pure white glossy	**5658 03**	1	01

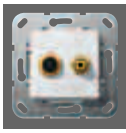
Breakout cable

cream white glossy	**5659 01**	1	01
pure white glossy	**5659 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

i 12

	Order no.	Packing unit	PS



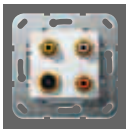
Composite video and S-video insert

Breakout cable

cream white glossy	**5660 01**	1	01
pure white glossy	**5660 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

i 12



Cinch audio, composite video and S-video insert

Gender changer

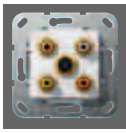
cream white glossy	**5661 01**	1	01
pure white glossy	**5661 03**	1	01

Breakout cable

cream white glossy	**5662 01**	1	01
pure white glossy	**5662 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

i 12



Cinch audio, composite video, S-video and mini jack 3.5 mm insert

Gender changer

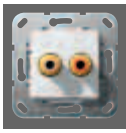
cream white glossy	**5663 01**	1	01
pure white glossy	**5663 03**	1	01

Breakout cable

cream white glossy	**5664 01**	1	01
pure white glossy	**5664 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

i 12



WBT-0710 Cu nextgen™ insert

Cable lug

cream white glossy	**5665 01**	1	01
pure white glossy	**5665 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.

i 12



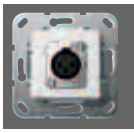
WBT-0708 Cu nextgen™ insert

Cable lug

cream white glossy	**5666 01**	1	01
pure white glossy	**5666 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.

i 12



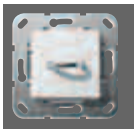
XLR pin jack, D series insert

Solder termination

cream white glossy	**5667 01**	1	01
pure white glossy	**5667 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

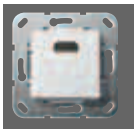
i 12



Insert for fastening laptop security locks

cream white glossy	**5668 01**	1	01
pure white glossy	**5668 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.



HDMI™ insert „High-speed with ethernet“

Gender changer

cream white glossy	**5669 01**	1	01
pure white glossy	**5669 03**	1	01

Breakout cable

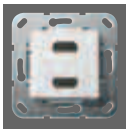
cream white glossy	**5670 01**	1	01
pure white glossy	**5670 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

i 12

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

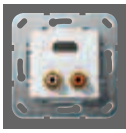


HDMI™ insert „High-speed with ethernet" 2-gang

Gender changer			
cream white glossy	**5671 01**	1	01
pure white glossy	**5671 03**	1	01
Breakout cable			
cream white glossy	**5672 01**	1	01
pure white glossy	**5672 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

i 12

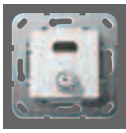


Cinch audio and HDMI™ insert „High-speed with ethernet"

Gender changer			
cream white glossy	**5673 01**	1	01
pure white glossy	**5673 03**	1	01
Breakout cable			
cream white glossy	**5674 01**	1	01
pure white glossy	**5674 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

i 12

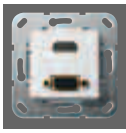


HDMI™ insert „High-speed with ethernet" and SAT F pin jack

Gender changer			
cream white glossy	**5675 01**	1	01
pure white glossy	**5675 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

i 12



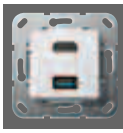
HDMI™ insert „High-speed with ethernet" and VGA

Gender changer			
cream white glossy	**5676 01**	1	01
pure white glossy	**5676 03**	1	01
Breakout cable			
cream white glossy	**5677 01**	1	01
pure white glossy	**5677 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

i 12

	Order no.	Packing unit	PS

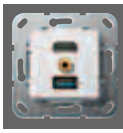


HDMI™ insert „High-speed with ethernet" and USB 3.0 type A

Gender changer			
cream white glossy	**5678 01**	1	01
pure white glossy	**5678 03**	1	01
Breakout cable			
cream white glossy	**5679 01**	1	01
pure white glossy	**5679 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

i 12

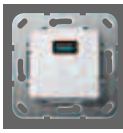


HDMI™ insert „High-speed with ethernet", USB 3.0 type A and mini jack 3.5 mm

HDMI+USB coupler, breakout cable mini jack			
cream white glossy	**5680 01**	1	01
pure white glossy	**5680 03**	1	01
Breakout cable			
cream white glossy	**5681 01**	1	01
pure white glossy	**5681 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

i 12

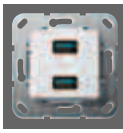


USB 3.0 type A insert

Gender changer			
cream white glossy	**5682 01**	1	01
pure white glossy	**5682 03**	1	01
Breakout cable			
cream white glossy	**5683 01**	1	01
pure white glossy	**5683 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

i 12



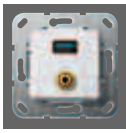
USB 3.0 type A insert, 2-gang

Gender changer			
cream white glossy	**5684 01**	1	01
pure white glossy	**5684 03**	1	01
Breakout cable			
cream white glossy	**5685 01**	1	01
pure white glossy	**5685 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

i 12

	Order no.	Packing unit	PS



USB 3.0 type A insert and mini jack 3.5 mm insert

USB coupler, breakout cable mini jack

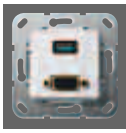
cream white glossy	**5686 01**	1	01
pure white glossy	**5686 03**	1	01

Breakout cable

cream white glossy	**5687 01**	1	01
pure white glossy	**5687 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

i 12



VGA and USB 3.0 type A insert

Gender changer

cream white glossy	**5688 01**	1	01
pure white glossy	**5688 03**	1	01

Breakout cable

cream white glossy	**5689 01**	1	01
pure white glossy	**5689 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

i 12



Cinch audio and USB 3.0 type A insert

Gender changer

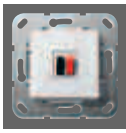
cream white glossy	**5690 01**	1	01
pure white glossy	**5690 03**	1	01

Breakout cable

cream white glossy	**5691 01**	1	01
pure white glossy	**5691 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

i 12

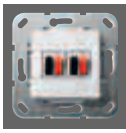


Loudspeaker connection insert 1-gang

cream white glossy	**5692 01**	1	01
pure white glossy	**5692 03**	1	01

New. Available starting February 2013.
For screw attachment only. Connection on the front using plug terminals, marked red/black. Connection on the black using screw terminals.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

i 12

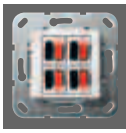


Loudspeaker connection insert 2-gang

cream white glossy	**5693 01**	1	01
pure white glossy	**5693 03**	1	01

New. Available starting February 2013.
For screw attachment only. Connection on the front using plug terminals, marked red/black. Connection on the black using screw terminals.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

i 12

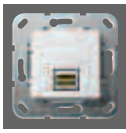


Loudspeaker connection insert 4-gang

cream white glossy	**5694 01**	1	01
pure white glossy	**5694 03**	1	01

New. Available starting February 2013.
For screw attachment only. Connection on the front using plug terminals, marked red/black. Connection on the black using screw terminals.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

i 12



Insert for modular jack RJ45 cat. 6A 10 GB ethernet

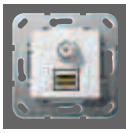
Gender changer

cream white glossy	**5695 01**	1	01
pure white glossy	**5695 03**	1	01

with insulation-displacement connector

cream white glossy	**5696 01**	1	01
pure white glossy	**5696 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.



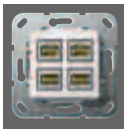
Insert for modular jack RJ45 cat. 6A 10 GB ethernet and SAT-F pin jack

Gender changer

cream white glossy	**5697 01**	1	01
pure white glossy	**5697 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

The delivery results subject to countries specific assortments.



Insert for modular jack RJ45 cat. 6A 10 GB ethernet, 4-gang

	Order no.	Packing unit	PS
Gender changer			
cream white glossy	**5698 01**	1	01
pure white glossy	**5698 03**	1	01
with insulation-displacement connector			
cream white glossy	**5699 01**	1	01
pure white glossy	**5699 03**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 201.
Mounting frame with hinged cover 2658 .. → Page 201.

TV / Multimedia



Cover plate for coaxial antenna socket

	Order no.	Packing unit	PS
cream white glossy	**0869 111**	5	01
pure white glossy	**0869 112**	5	01

Third hole can be broken out.
Antenna sockets 0041 00, 0042 00, 0046 00 and 0937 00 → Page 403.



Central plate (50 x 50 mm) for coaxial-antenna socket, 4-gang with 2 additional SAT connections from Hirschmann

	Order no.	Packing unit	PS
cream white glossy	**0258 111**	5/25	01
pure white glossy	**0258 112**	5/25	01

To integrate this central plate in the switch range, the intermediate plate with a square cut-out for devices from other manufacturers (50 x 50 mm) **0282 .. must** be used.
Intermediate plate 0282 .. → Page 199.



Central plate (50 x 50 mm) for coaxial-antenna socket, 4-gang with 2 additional SAT connections for fuba, ECG-Elektro, Astro

	Order no.	Packing unit	PS
cream white glossy	**0259 111**	5/25	01
pure white glossy	**0259 112**	5/25	01

Fits antenna socket, 4-gang GAD 400 from fuba, SEV 2 from ECG-Elektro and GUT 400 from Astro.
To integrate this central plate in the switch range, the intermediate plate with a square cut-out for devices from other manufacturers (50 x 50 mm) **0282 .. must** be used.
Intermediate plate 0282 .. → Page 199.

	Order no.	Packing unit	PS

Acoustics



Stereo loudspeaker socket outlet

cream white glossy	**0402 111**	1/5	01
pure white glossy	**0402 112**	1/5	01

With screw terminals.
Connectable cable cross-section max. 1.5 mm^2.
For line diameter up to 10 mm^2, use insert for high-end loudspeaker plug (WBT) **0091 00** and data cap **0870 ...**

	Order no.	Packing unit	PS

Equipotential bonding socket



Equipotential bonding socket, 2-gang

cream white glossy	**0405 111**	1/5	01
pure white glossy	**0405 112**	1/5	01

For the connection of medical devices. DIN 42 801.
Connectable line diameter: 6 to 10 mm^2.
Pin-jack plug bracket 044757 → Page 208.



Pin-jack plug bracket DIN 42 801 for equipotential bonding socket

For lines up to 6 mm^2	**044757**	5/25	01

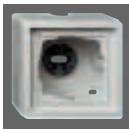
With yellow insulating bush.
Equipotential bonding socket 0405 ... → Page 208.

F100

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Surface-mounted



Surface-mounted housing with Gira F100 cover frame

1-gang

cream white glossy	**0061 111**	1	13
pure white glossy	**0061 112**	1	13

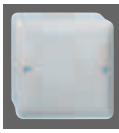
2-gang

cream white glossy	**0062 111**	1	13
pure white glossy	**0062 112**	1	13

3-gang

cream white glossy	**0063 111**	1	13
pure white glossy	**0063 112**	1	13

With cable and duct entry. With Gira F100, rocker switches, push buttons and SCHUKO socket outlets with hinged covers are generally protected from dripping water (IP 21) on the wall in conjunction with these housings. (Key switches and three-stage switches cannot be installed in this housing.)



Junction box protected from dripping water (IP 31)

cream white	**0070 01**	1	01
pure white	**0070 03**	1	01

With 3 cable and duct entries.

Other



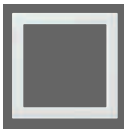
IP 44 sealing flange

Gira F100

	2790 111	5	01

In conjunction with the sealing flange and cover frames Gira F100, 1 to 5-gang, many Gira F100 products can be installed as water-protected, flush-mounted IP 44.

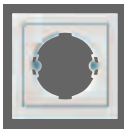
IP 44-capable products:
0104 119, 0285 .., 0286 .., 0287 .., 0290 .., 0294 .., 0295 .., 0296 .., 0410 .., 0414 .., 0415 119, 0416 119, 0439 .., 0454 .., 0488 .., 0631 .., 0650 .., 0652 .., 0664 .., 0670 .., 0674 .., 0676 .., 0678 .., 0679 .., 1104 .., 1150 .., 2750 119, 2751 119, 2752 119



Intermediate plate with square cut-out 55 x 55 mm

cream white glossy	**0289 111**	1	01
pure white glossy	**0289 112**	1	01

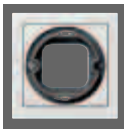
In addition to the programme-specific functions from Gira F100, other functions (fixed cover plates) from System 55 can also be integrated with an intermediate plate.



Cover plate for light signal

cream white glossy	**0660 111**	1	01
pure white glossy	**0660 112**	1	01

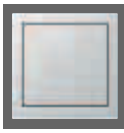
Light signal insert (E 10) 0160 00 → Page 292.
Light signal insert 0161 00 → Page 292.
Flat covering caps, can be inserted, 0801 20, 0803 20, 0804 20, 0806 20, 0807 20 → Page 292.



Cover plate with bayonet lock for light signal

cream white glossy	**0659 111**	1	01
pure white glossy	**0659 112**	1	01

Light signal insert 0161 00 → Page 292.
Covering caps with bayonet lock 0801 01, 0803 01, 0804 01, 0806 01 → Page 292.



Blind cover plate with support ring

cream white glossy	**0268 111**	5	01
pure white glossy	**0268 112**	5	01

For screw attachment.

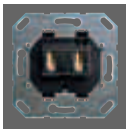
	Order no.	Packing unit	PS



Cover plate for TAE, USB

cream white glossy	**0276 111**	5	01
pure white glossy	**0276 112**	5	01
with inscription space			
cream white glossy	**0876 111**	1	01
pure white glossy	**0876 112**	1	01

Suitable for all common TAE connection boxes.
USB power supply 2359 00 → Page 210.
Inscription sheets 2876 .. → Page 295.



USB power supply 2-gang

	2359 00	1/5	02

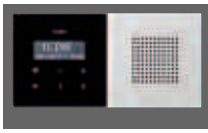
Power supply with integrated plug connector, USB type A. Suitable as charging device, e. g. for mobile phones and similar devices. Simultaneous charging of 2 devices is possible.

Charging current:	2 x 700 mA / 1 x 1400 mA
Primary rated voltage:	100 - 240 V AC, 50 Hz
Secondary rated voltage:	5 V
Temperature range:	0 °C to +40 °C
Standby power:	≤ 0,3 W

Suitable for cover plate 0276 .., 0876 .. → Page 210.

	Order no.	Packing unit	PS

RDS flush-mounted radio



RDS flush-mounted radio with a loudspeaker

Operating top unit in black glass appearance			
cream white glossy	**2280 111**	1	03
pure white glossy	**2280 112**	1	03

FM radio with RDS display for flush-mounted installation.
The flush-mounted RDS radio consists of a radio insert with operating top unit and loudspeaker insert with cover plate. The radio insert is compactly mounted in a flush-mounted insert and can therefore be installed in a single flush-mounted device box. The loudspeaker can be installed in combination with the radio insert or offset in a flush-mounted box. Two loudspeakers can be connected to the radio insert. The radio automatically detects connected loudspeakers and switches between stereo and mono mode.
With a corresponding RDS signal, the display of the operating top unit shows the station name, the transmission frequency and the time. Operation of the radio is via the capacitive buttons of the operating top unit. Operation only requires a light touching of the symbols.
The flush-mounted RDS radio has two station presets, upon each of which a station setting can be saved and called up with the press of a button.
For example, the radio can be switched on via the auxiliary input with a light switch or automatic control switch together with the room lighting.
External audio sources, for example an MP3 player, can be fed into the radio via the stereo AUX input of the radio. For connection to the external audio source, an additional cinch insert is required which is connected to the AUX terminals of the radio insert.
In sleep mode the radio switches off automatically 30 minutes after switching on.
Note: reception interference can result in combination with additional electronic devices under one cover plate.

Power supply:	AC 230 V
Connection:	screw terminals 2.5 mm^2 (mains connection) 1.5 mm^2 (loudspeaker/AUX connection)
Temperature range:	-5 °C to +50 °C
Protection type:	IP 20
Frequency range:	87.50 to 107.90 MHz

Loudspeaker 2282 .. → Page 210.
Cinch audio inserts → Page 409.

i 32



Loudspeaker RDS flush-mounted radio

cream white glossy	**2282 111**	1	03
pure white glossy	**2282 112**	1	03

Loudspeaker for connection to the Gira RDS flush-mounted radio.

Temperature range:	-5 °C to +50 °C
Protection type:	IP 20

RDS flush-mounted radio 2280 .. → Page 210.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Radio energy and weather display



Radio energy and weather display

Display language: English

cream white glossy	**2360 111**	1	03
pure white glossy	**2360 112**	1	03

Radio display device for weather and energy data. Can be integrated in System 55, E22 and Gira F100. Menu language: German or English. The display is via symbols and letters. The energy and weather display can be positioned randomly in the house thanks to its battery supply, and a 230 V~ power supply unit **2355 00** can optionally be inserted into the battery compartment. Connection of up to 7 sensors (1 outside temperature sensor, 1 LAN adapters, up to 3 energy measurement adapters, 1 electricity meter sensor, 1 gas meter sensor).

Functions:

- Display of indoor temperature and humidity.
- Display of outdoor temperature and humidity (requires outside temperature sensor **2351 02**).
- Display of weather forecast (via a portal) (requires LAN Adapter **2352 02**).
- Display of energy measurement data (individual consumers) (requires energy measurement adapter**2353 02**).
- Display of energy measurement data (electricity and gas of complete house) (requires electricity meter sensor **2356 02** and gas meter sensor **2357 02**).
- Display of date when no sensors for energy measurement are connected.
- Display of individual sensor synchronisation.

4 buttons are available for operation and configuration.

Operating buttons:

- Button „Weather" (displays the time period of the weather forecast)
- Button „Sensor" (displays the set sensor)
- Button „Energy" (displays the measuring interval of the sensor)
- Button „Unit" (displays the unit of the energy data)

Settings are not lost when batteries are replaced. Saved data and assigned sensors are maintained. Internal clock continues for approx. 5 minutes.

Dimensions:	W x H x D 55 x 127 x 19 mm
Power supply:	3 V DC
Batteries:	2 x 1.5 V round batteries (AA or LR6) (batteries included in the scope of supply are consumables and must be replaced regularly. Please observe the regulations when disposing of used batteries.)
Temperature measurement range:	0 °C to +50 °C
Current consumption:	approx. 140 µA
Reception frequency:	868.35 MHz
Range:	100 m (in free field)

Outdoor sensor 2351 02 → Page 78.
LAN adapter 2352 02 → Page 78.
Energy adapter 2353 02 → Page 78.
Electricity meter sensor 2356 02 → Page 78.
LED sensor 2349 02 → Page 79.
Gas meter sensor 2357 02 → Page 79.
Power supply unit 230 V 2355 00 → Page 79.

	Order no.	Packing unit	PS

Name plate/door plate



Name plate/door plate

1-gang

cream white glossy	**1071 111**	1/5	01
pure white glossy	**1071 112**	1/5	01

Name plate/door plate for rooms. Consisting of a base plate and a transparent, attachable cover plate. Two options for attachment are available:
Screwing on:
The base plate of the name plate/door plate is attached to the wall with the included screws/plugs.
Adhesion:
The base plate is attached to smooth surfaces, e.g. coated doors, with the accompanying sticky points.
The 51 x 51 mm label carrier can be exchanged with ease. Simply pull off the transparent cover plate and exchange the insert. The inscription sheets can be printed with all conventional printers.
Labelling sheet 1085 00 → Page 211.



Name plate/door plate

2-gang

cream white glossy	**1072 111**	1	01
pure white glossy	**1072 112**	1	01

Inscription label used as an orientation aid or for identifying rooms in public buildings or office complexes. The large name plate/door plate is inserted in the Standard 55, Event, E2, E22 or Gira F100 2-gang cover frame without crossbar.
Consisting of a base plate and a transparent, attachable cover plate. Two options for attachment are available:
Screwing on:
The base plate of the name plate/door plate is attached to the wall with the included screws/plugs.
Adhesion:
The base plate is attached to smooth surfaces, e.g. metal doors, with the accompanying sticky points. For installation on glass surfaces, the name plate/door plate is adhered to a (separately available) base plate due to optical reasons. The 51 x 122 mm label carrier can be exchanged with ease. Simply pull off the transparent cover plate and exchange the insert. The inscription sheets can be printed by almost any B/W or colour printer.
Labelling sheet 1085 00 → Page 211.

Inscription sheets for name plate/door plate

	1085 00	1	01

Insert for the name plate/door plate in DIN A4 size. The material thickness is optimally suitable for the plate. This prevents waving, as can occur with common copier paper. The inscription sheets can be printed by almost any B/W or colour printer.
Scope of supply: 10 sheets

Name plate/door plate 1-gang 1071 .. → Page 211.
Name plate/door plate 2-gang 1072 .. → Page 211.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, shatter-proof



1-gang cream white glossy	**0211 111**	10/100	01
2-gang cream white glossy	**0212 111**	10/100	01
3-gang cream white glossy	**0213 111**	1/5	01
4-gang cream white glossy	**0214 111**	1/5	01
5-gang cream white glossy	**0215 111**	1/5	01

In conjunction with sealing flange, also suitable for installation as water-protected flush-mounted IP 44.
Shatter-proof.
Sealing flange IP 44 2790 111 → Page 209.



1-gang pure white glossy	**0211 112**	10/100	01
2-gang pure white glossy	**0212 112**	10/100	01
3-gang pure white glossy	**0213 112**	1/5	01
4-gang pure white glossy	**0214 112**	1/5	01
5-gang pure white glossy	**0215 112**	1/5	01

In conjunction with sealing flange, also suitable for installation as water-protected flush-mounted IP 44.
Shatter-proof.
Sealing flange IP 44 2790 111 → Page 209.



1-gang colour brass	**0211 113**	10	11
2-gang colour brass	**0212 113**	10	11
3-gang colour brass	**0213 113**	1/5	11
4-gang colour brass	**0214 113**	1/5	11
5-gang colour brass	**0215 113**	1/5	11

Shatter-proof.

	Order no.	Packing unit	PS



1-gang colour platinum	**0211 114**	10	11
2-gang colour platinum	**0212 114**	10	11
3-gang colour platinum	**0213 114**	1/5	11
4-gang colour platinum	**0214 114**	1/5	11
5-gang colour platinum	**0215 114**	1/5	11

Shatter-proof.



1-gang colour chrome	**0211 115**	10	11
2-gang colour chrome	**0212 115**	10	11
3-gang colour chrome	**0213 115**	1/5	11
4-gang colour chrome	**0214 115**	1/5	11
5-gang colour chrome	**0215 115**	1/5	11

Shatter-proof.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, without crossbar, shatter-proof



2-gang
cream white glossy **1002 111** 10 01

Surface-mounted home station 1250 .., 1279 .. → Page 363.
Name plate/door plate 2-gang 1072 .. → Page 211.



2-gang
pure white glossy **1002 112** 10 01

Surface-mounted home station 1250 .., 1279 .. → Page 363.
Name plate/door plate 2-gang 1072 .. → Page 211.



2-gang
colour brass **1002 113** 10 11

Surface-mounted home station 1250 .., 1279 .. → Page 363.
Name plate/door plate 2-gang 1072 .. → Page 211.



2-gang
colour platinum **1002 114** 10 11

Surface-mounted home station 1250 .., 1279 .. → Page 363.
Name plate/door plate 2-gang 1072 .. → Page 211.



2-gang
colour chrome **1002 115** 10 11

Surface-mounted home station 1250 .., 1279 .. → Page 363.
Name plate/door plate 2-gang 1072 .. → Page 211.

The basic geometric shapes of a square and a circle characterise the Gira S-Color switch range, which has received numerous awards for its timeless design. With its five colours and more than one hundred functions, the range has stood for the requirements of modern architecture for 25 years.

Cover frames
Suitable for vertical and horizontal installation

Dimensions (H × W, mm)
1-gang: 80.6 × 80.6
2-gang: 151.8 × 80.6
3-gang: 222.9 × 80.6
4-gang: 294.3 × 80.6
5-gang: 365.4 × 80.6
Corner radius: R = 5.6

Material
PA66, halogen-free, dyed-through plastic, non-fading, hygienic and chemical-resistant, e.g. to oil, grease, weak caustic solutions, paint thinners and disinfectants. Prevents electrostatic charging and has very good thermal and mechanical properties, e.g. shock-resistant and shatter-proof, impervious to thrown balls, ensuring a long service life.

Colours
Black (similar to RAL 9005), grey (similar to RAL 7038), pure white (similar to RAL 9010), red (similar to RAL 3003), blue

Surface
High-gloss

Surface-mounted installation
1-gang to 3-gang in all colours

Protection type
IP 20
IP 21 (when cover frame with seal is used)

Design
Prof. Odo Klose, Wuppertal

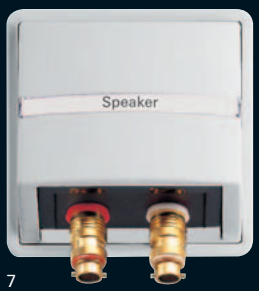
Design awards
Design Quality 1985, Haus Industrieform Essen

red dot award 1985, Design Zentrum NRW

International Design Award 1988, Design Center Stuttgart

iF product design award 1985, 1987, 1988, iF Design Hannover


6



7



8


9

Gira S-Color

Gira S-Color

Push switches	216
Switches and push buttons	217
Socket outlets	219
Dimmers	222
Automatic lighting	223
Push button sensors	223
Blind controller	225
Time switch	226
Room temperature controller	227
Communication technology	228
Telecommunications	229
Data technology	230
TV/multimedia	232
Acoustics	232
Equipotential bonding socket	233
Surface-mounted	233
Other	235
Cover frames	236
Cover frame with seal	237

Flush-mounted inserts and accessories 270

1 Black
2 Grey
3 Pure white
4 Red
5 Blue



1 2 3 4 5

Gira S-Color,
pure white

6
Blind control button
Standard

7
Data cap with high-end
loudspeaker connectors WBT insert

8
Room temperature controller
230 V~ with clock

9
Radio automatic control switch

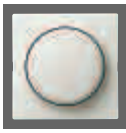
10
2-gang combination
push switch/Danish socket outlet



10

	Order no.	Packing unit	PS

Push switches



Push switch 10 A 250 V~ with cover plate and rocker

Universal off/2-way switch[1)]			
pure white	**0126 40**	1/5	01
grey	**0126 42**	1/5	11
red	**0126 43**	1/5	11
blue	**0126 46**	1/5	11
black	**0126 47**	1/5	11
Intermediate switch			
pure white	**0127 40**	1/5	01
grey	**0127 42**	1/5	11
red	**0127 43**	1/5	11
blue	**0127 46**	1/5	11
black	**0127 47**	1/5	11

[1)] If this switch is to be illuminated in accordance with the workplace ordinance, please incorporate a control switch.

Acoustic element with illumination 0935 00 → Page 291.



Push switch 10 A 250 V~ with cover plate and series rockers

Series switch			
pure white	**0125 40**	1/5	01
grey	**0125 42**	1/5	11
red	**0125 43**	1/5	11
blue	**0125 46**	1/5	11
black	**0125 47**	1/5	11
Double 2-way switch			
pure white	**0128 40**	1/5	01
grey	**0128 42**	1/5	11
red	**0128 43**	1/5	11
blue	**0128 46**	1/5	11
black	**0128 47**	1/5	11



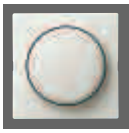
Control push switch 10 A 250 V~ with cover plate and rocker

Universal off/2-way switch			
pure white	**0136 40**	1/5	01
grey	**0136 42**	1/5	11
red	**0136 43**	1/5	11
blue	**0136 46**	1/5	11
black	**0136 47**	1/5	11
Circuit breaker 2-pole			
pure white	**0122 40**	1/5	01
grey	**0122 42**	1/5	11
red	**0122 43**	1/5	11
blue	**0122 46**	1/5	11
black	**0122 47**	1/5	11

With neon lamp element 230 V~, 1.5 mA. For compliance with the workplace ordinance, can also be connected with illumination.

Glow lamp elements 0995 00, 0996 00, 0997 00 → Page 290.
LED illumination insert 0497 07, 0497 08, 0497 10, 0497 18, 0992 00, 1405 00 → Page 290.

	Order no.	Packing unit	PS



Push switch 10 A 250 V~with cover plate and vertical rocker

2-way switch, 1-pole			
pure white	**0130 40**	1/5	01
grey	**0130 42**	1/5	11
red	**0130 43**	1/5	11
blue	**0130 46**	1/5	11
black	**0130 47**	1/5	11

Fits the push switches via vertical rocker positioning.



Push switch 10 A 250 V~with cover plate and vertical rocker with control window

2-way switch, 1-pole			
pure white	**0120 40**	1/5	01
grey	**0120 42**	1/5	11
red	**0120 43**	1/5	11
blue	**0120 46**	1/5	11
black	**0120 47**	1/5	11

Fits the push switches via vertical rocker positioning.
Can also be connected with illumination in compliance with the workplace ordinance.

Glow lamp elements 0995 00, 0996 00, 0997 00 → Page 290.
LED illumination insert 0497 07, 0497 08, 0497 10, 0497 18, 0992 00, 1405 00 → Page 290.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Cover plates for switches and push buttons

The following cover plates and rockers are supplied without inserts. Please order separately → Page 275.



Cover plate and rocker for rocker switches and push rockers

pure white	**0296 40**	5	01
grey	**0296 42**	5	11
red	**0296 43**	5	11
blue	**0296 46**	5	11
black	**0296 47**	5	11
with screw-down cover plate			
pure white	**0261 40**	1	01
grey	**0261 42**	1	11
red	**0261 43**	1	11
blue	**0261 46**	1	11
black	**0261 47**	1	11

Inserts 0106 00, 0107 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 275.
Bus-coupler push button 0181 00, 0184 00 → Page 422.



Cover plate with inscription space and rocker for rocker switches and push rockers

pure white	**0299 40**	5	01
grey	**0299 42**	1	11
red	**0299 43**	1	11
blue	**0299 46**	1	11
black	**0299 47**	1	11

Neutral inscription label is included.
Inserts 0106 00, 0107 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 275.
Bus-coupler push button 0181 00, 0184 00 → Page 422.
Inscription sheets 1453 00 → Page 294.



Cover plate and series rockers for rocker switches and push rockers

pure white	**0295 40**	5	01
grey	**0295 42**	5	11
red	**0295 43**	1	11
blue	**0295 46**	1	11
black	**0295 47**	1	11

Inserts 0105 00, 0108 00, 0139 00, 0147 00, 0155 00 → Page 275.
Bus coupler push button 0182 00, 0185 00 → Page 422.



Cover plate and rockers with arrow symbol

pure white	**0294 40**	5	01
grey	**0294 42**	5	11
red	**0294 43**	1	11
blue	**0294 46**	1	11
black	**0294 47**	1	11

Blind button/switch inserts 0158 00, 0159 00 → Page 277.
Bus-coupler button 0182 00 → Page 422.



Cover plate and rocker with control window for rocker switches and push rockers

pure white	**0290 40**	5	01
grey	**0290 42**	5	11
red	**0290 43**	1	11
blue	**0290 46**	1	11
black	**0290 47**	1	11

Inserts 0102 00, 0103 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 275.
Bus-coupler push button 0181 00, 0184 00 → Page 422.



Cover plate with inscription space and rocker with control window for rocker switches and push rockers

pure white	**0670 40**	5	01
grey	**0670 42**	1	11
red	**0670 43**	1	11
blue	**0670 46**	1	11
black	**0670 47**	1	11

Neutral inscription label is included. Inscription labels labelled „Heizung-Notschalter“ and with the symbols „light“, „bell“ and „door“ are included.
Inserts 0102 00, 0103 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 275.
Bus-coupler push button 0181 00, 0184 00 → Page 422.
Inscription sheets 1453 00 → Page 294.

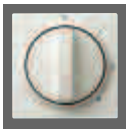
	Order no.	Packing unit	PS



Cover plate with symbol and rocker with control window for rocker switches and push rockers

Light			
pure white	**0285 40**	5	01
grey	**0285 42**	1	11
red	**0285 43**	1	11
blue	**0285 46**	1	11
black	**0285 47**	1	11
Bell			
pure white	**0286 40**	5	01
grey	**0286 42**	1	11
red	**0286 43**	1	11
blue	**0286 46**	1	11
black	**0286 47**	1	11
Door			
pure white	**0287 40**	1	01
grey	**0287 42**	1	11
red	**0287 43**	1	11
blue	**0287 46**	1	11
black	**0287 47**	1	11

Inserts 0102 00, 0103 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 275.
Bus-coupler push button 0181 00, 0184 00 → Page 422.



Cover plate with knob for three-stage switch

with zero setting			
pure white	**0669 40**	1	02
grey	**0669 42**	1	02
red	**0669 43**	1	02
blue	**0669 46**	1	02
black	**0669 47**	1	02

Three-stage switch insert 0149 00 → Page 289.



Cover plate for pull-switch and pull-button inserts

pure white	**0638 40**	1	01
grey	**0638 42**	1	11
red	**0638 43**	1	11
blue	**0638 46**	1	11
black	**0638 47**	1	11

Pull-switch/pull-button inserts 0142 00, 0146 00, 0165 00 → Page 276.

	Order no.	Packing unit	PS



Hotel-card button 10 A 250 V~ with inscription space

2-way switch, 1-pole			
pure white	**0140 40**	1/5	01
grey	**0140 42**	1/5	11
red	**0140 43**	1/5	11
blue	**0140 46**	1/5	11
black	**0140 47**	1/5	11

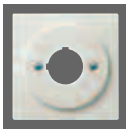
The hotel-card button with disassembly safeguard can, for example, take over safety or energy-saving functions. When the hotel-card is removed, any devices which are still switched on are deactivated. The electric circuit is only activated via the push button after insertion of the card.
Additional designs on request.
Inscription sheets 1454 00 → Page 294.



Push button with short-stroke button 0.5 A 42 V~ including cover plate and rocker

NO contact, 1-pole			
pure white	**0153 40**	1/5	01
grey	**0153 42**	1/5	01
red	**0153 43**	1/5	01
blue	**0153 46**	1/5	01
black	**0153 47**	1/5	01

With screw terminals. For clamp and peg attachment. Can be illuminated using light bulb element with separate conductor.
Light bulb element 12 V~ 049814 → Page 291.
Surface-mounted housing, flat design 0219 .. → Page 233.



Cover plate with support ring for acceptance of command and signal devices with a diameter of ∅ 22.5 mm

pure white	**0272 40**	1	01
grey	**0272 42**	1	11
red	**0272 43**	1	11
blue	**0272 46**	1	11
black	**0272 47**	1	11

For screw attachment. For push buttons, slam buttons, key buttons, non-latching buttons, illuminated buttons, mushroom buttons, selector switches and signal lights, e.g. from Lumitas, Rafi, Elan and Fanal.



Blind cover plate with support ring

pure white	**0268 40**	10/100	01
grey	**0268 42**	5	11
red	**0268 43**	1	11
blue	**0268 46**	1	11
black	**0268 47**	1	11

For screw attachment.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

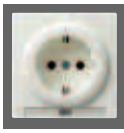
Socket outlets



SCHUKO socket outlet 16 A 250 V~

pure white	**0188 40**	10/100	01
grey	**0188 42**	1/5	11
red	**0188 43**	1/5	11
yellow	**0188 44**	1/5	11
green	**0188 45**	1/5	11
blue	**0188 46**	1/5	11
black	**0188 47**	1/5	11
with child protection and ⓘ symbol[1)]			
pure white	**0453 40**	1/5	01
grey	**0453 42**	1/5	11
red	**0453 43**	1/5	11
green	**0453 45**	1	11
blue	**0453 46**	1/5	11
black	**0453 47**	1/5	11

[1)]Increased contact protection pursuant to VDE 0620.



SCHUKO socket outlet 16 A/250 V~ with inscription space

pure white	**0187 40**	1/5	01
grey	**0187 42**	1/5	11
red	**0187 43**	1/5	11
green	**0187 45**	1/5	11
blue	**0187 46**	1/5	11
black	**0187 47**	1/5	11

Inscription label „EDV“ is included.
Inscription sheets 1455 00 → Page 294.



SCHUKO socket outlet 16 A/250 V~ with hinged cover

pure white	**0454 40**	1/5	01
grey	**0454 42**	1/5	11
red	**0454 43**	1/5	11
green	**0454 45**	1	11
blue	**0454 46**	1/5	11
black	**0454 47**	1/5	11



SCHUKO socket outlet 16 A/250 V~ with control light

pure white	**0182 40**	1/5	01
grey	**0182 42**	1/5	11
red	**0182 43**	1/5	11
green	**0182 45**	1	11
blue	**0182 46**	1/5	11
black	**0182 47**	1/5	11

With screw terminals.

	Order no.	Packing unit	PS



SCHUKO socket outlet 16 A/250 V~ with insert rotated 30°

pure white	**0448 40**	1/5	01
grey	**0448 42**	1/5	11
red	**0448 43**	1/5	11
green	**0448 45**	1	11
blue	**0448 46**	1/5	11
black	**0448 47**	1/5	11

Particularly suitable for angled plugs.
Also suitable for use in energy profiles and under-floor systems.
For screw attachment without fixing claws.

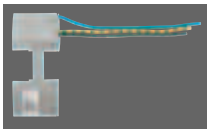


SCHUKO socket outlet 16 A/250 V~ with overvoltage protection

pure white	**0451 40**	1/5	02
grey	**0451 42**	1/5	02
red	**0451 43**	1/5	02
blue	**0451 46**	1/5	02
black	**0451 47**	1/5	02

With audible signal.
Screw terminals included.
Maximum nominal discharge surge current: (8/20) to 4.5 kA

i 33



Voltage-overload protection module with acoustic signal

	0339 00	1	02

SCHUKO socket outlets can be outfitted as voltage-overload protection socket outlets with this module. The module is simply glued onto and connected to the socket outlet base. The devices connected to the socket outlet are then protected from dangerous excess voltages.
Maximum nominal discharge surge current: (8/20) to 4.5 kA

i 34

	Order no.	Packing unit	PS



RCD protection socket, 30 mA

with child protection and symbol[1)]

pure white	**0477 40**	1	03
grey	**0477 42**	1	03
red	**0477 43**	1	03
blue	**0477 46**	1	03
black	**0477 47**	1	03

SCHUKO socket outlet with integrated RCD (residual-current device) release principle pursuant to **DIN VDE 0664** for the detection of earth-bound fault currents. For installation in a 60 mm flush-mounted box (deep box recommended). Stationary protection device with voltage-independent function. Additional SCHUKO socket outlets can be connected to the connection wires, which are then also included in the fault current protection.
For screw attachment without fixing claws.

Rated voltage: 230 V~ (AC)
Rated current: 16 A
Rated fault current: 30 mA
Ambient temperature: -25 °C to +40 °C
Connection cross section: 1.5 to 2.5 mm^2

[1)]Increased contact protection pursuant to VDE 0620.

i 33



SCHUKO 2-gang socket outlet 16 A/250 V~ complete with cover frame

with child protection and symbol[1)]

pure white	**0783 40**	1	01
grey	**0783 42**	1	11
red	**0783 43**	1	11
blue	**0783 46**	1	11
black	**0783 47**	1	11

Suitable for all common 60 mm flush-mounted wall boxes.
[1)]Increased contact protection pursuant to VDE 0620.



SCHUKO 3-gang socket outlet 16 A/250 V~ with one-piece cover frame

pure white	**0199 40**	1	01
grey	**0199 42**	1	11
red	**0199 43**	1	11
blue	**0199 46**	1	11
black	**0199 47**	1	11
Panel box	**0098 00**	1	01

Also suitable for duo panel box and duct installation.

	Order no.	Packing unit	PS



Socket outlet with earth pin 16 A/250 V~

pure white	**0484 40**	1/5	01
grey	**0484 42**	1/5	11
red	**0484 43**	1/5	11
blue	**0484 46**	1/5	11
black	**0484 47**	1/5	11

with child protection and symbol[1)]

pure white	**0485 40**	1	01
grey	**0485 42**	1/5	11
red	**0485 43**	1/5	11
blue	**0485 46**	1/5	11
black	**0485 47**	1/5	11

Approved according to NF C 61-314 (2003).
With screw terminals.
[1)]Increased contact protection pursuant to VDE 0620.



Socket outlet with earth pin and hinged cover 16 A/250 V~

with child protection and symbol[1)]

pure white	**0488 40**	1/5	01
grey	**0488 42**	1/5	11
red	**0488 43**	1/5	11
blue	**0488 46**	1/5	11
black	**0488 47**	1/5	11

Approved according to NF C 61-314 (2003).
[1)]Increased contact protection pursuant to VDE 0620.



2-gang socket outlet with earth pin 16 A/250 V~

with child protection and symbol[1)]

pure white	**0795 40**	1	01
grey	**0795 42**	1	11
red	**0795 43**	1	11
blue	**0795 46**	1	11
black	**0795 47**	1	11

With 2-gang cover frame.
Suitable for all common 60 mm flush-mounted wall boxes.
With screw terminals.
[1)]Increased contact protection pursuant to VDE 0620.



American socket outlet 2-pole + E 20 A 125 V~, NEMA 5-20 R

pure white	**0487 40**	1/5	01
grey	**0487 42**	1/5	11
red	**0487 43**	1/5	11
blue	**0487 46**	1/5	11
black	**0487 47**	1/5	11

For screw attachment only. Symbol labelling is possible here. UL certified.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



American 2-gang socket outlet 2-pole + E 20 A 125 V, NEMA 5-20 R

with shaped cover frame

pure white	**0496 40**	1	01
grey	**0496 42**	1	11
red	**0496 43**	1	11
blue	**0496 46**	1	11
black	**0496 47**	1	11
Panel box	**0095 00**	1	01

For screw attachment only.



Socket outlet „British Standard" (BS 1363) 13 A 250 V~

pure white	**0429 40**	1/5	01
grey	**0429 42**	1/5	11
red	**0429 43**	1/5	11
blue	**0429 46**	1/5	11
black	**0429 47**	1/5	11

For screw attachment only.



Socket outlet „British Standard" (BS 1363), can be switched off, 13 A 250 V~

pure white	**0489 40**	1/5	01
grey	**0489 42**	1/5	11
red	**0489 43**	1/5	11
blue	**0489 46**	1/5	11
black	**0489 47**	1/5	11

For screw attachment only. Symbol labelling is possible here.



HNA socket outlet 10 A/250 V~

pure white	**0479 40**	1/5	01
grey	**0479 42**	1/5	11
red	**0479 43**	1/5	11
blue	**0479 46**	1/5	11
black	**0479 47**	1/5	11

For screw attachment only.



Danish socket outlet with protective contact 107-2-D1, DK 1-1a, 16 A/250 V~

with child protection[1)]

pure white	**0422 40**	1/5	01
grey	**0422 42**	1/5	11
red	**0422 43**	1/5	11
blue	**0422 46**	1/5	11
black	**0422 47**	1/5	11

[1)] Increased contact protection pursuant to VDE 0620.

Dimmers



Cover plate with button for dimmer and electronic potentiometer

	Order no.	Packing unit	PS
pure white	**0650 40**	5	02
grey	**0650 42**	1	02
red	**0650 43**	1	02
blue	**0650 46**	1	02
black	**0650 47**	1	02

Universal rotary dimmer insert 1176 00 → Page 283.
Auxiliary insert 1177 00 → Page 283.
Light-bulb dimming insert with 2-way turn-off switch 0300 00 → Page 285.
Light-bulb dimming insert 1184 00 → Page 285.
Light bulb dimming insert 0302 00 → Page 285.
Light-bulb dimming insert 1181 00 → Page 285.
Tronic dimming insert 1182 00 → Page 286.
Tronic dimming insert 0307 00 → Page 286.
LV dimming insert 2262 00 → Page 286.
LV dimming insert 1183 00 → Page 286.
Control device LEDOTRON 2290 00 → Page 287.
Electronic potentiometer insert 0308 00, 0309 00 → Page 288.



Cover plate with button for speed adjuster

	Order no.	Packing unit	PS
pure white	**0652 40**	1	02

Speed adjuster insert 0314 00 → Page 289.



System 2000 top unit for switching and dimming (touch dimmer cover plate)

	Order no.	Packing unit	PS
pure white	**0655 40**	1/5	02
grey	**0655 42**	1/5	02
red	**0655 43**	1/5	02
blue	**0655 46**	1/5	02
black	**0655 47**	1/5	02

Top unit with short-stroke button for use with System 2000. The top unit operates based on the 2-area principle, i.e. there is an upper and lower rocker half used for controlling the inserts.
Operating temperature: -20 °C to +45 °C

System 2000 universal dimming insert 0305 00 → Page 278.
System 2000 LV dimmer insert 0331 00 → Page 278.
System 2000 1–10 V control device insert 0860 00 → Page 279.
System 2000 Tronic switch insert (only switching here) 0866 00 → Page 280.
System 2000 Triac switch insert (only switching here) 0854 00 → Page 280.
System 2000 relay insert (only switching here) 0853 00 → Page 281.
System 2000 relay insert, zero-voltage (only switching here) 1148 00 → Page 281.
System 2000 HLK relay insert (only switching here) 0303 00 → Page 282.
System 2000 impulse insert 0336 00 → Page 282.
System 2000 auxiliary insert 0333 00 → Page 283.



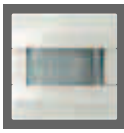
Radio top unit for switching and dimming (touch dimmer cover plate)

	Order no.	Packing unit	PS
pure white	**0543 40**	1/5	02
grey	**0543 42**	1/5	02
red	**0543 43**	1/5	02
blue	**0543 46**	1/5	02
black	**0543 47**	1/5	02

For use in the Gira radio bus system.
Functional description → Page 554.

The delivery results subject to countries specific assortments.

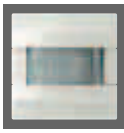
Automatic light




System 2000
Top unit automatic control switches

	Order no.	Packing unit	PS
Standard top unit			
pure white	**1300 40**	1/5	02
grey	**1300 42**	1/5	02
red	**1300 43**	1/5	02
blue	**1300 46**	1/5	02
black	**1300 47**	1/5	02
Comfort top unit			
pure white	**0661 40**	1	02
grey	**0661 42**	1	02
red	**0661 43**	1	02
blue	**0661 46**	1	02
black	**0661 47**	1	02

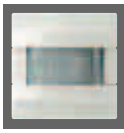
Functional description of standard top unit → Page 320.
Functional description of comfort top unit → Page 320.




System 2000
Top unit automatic control switch for high installation areas

	Order no.	Packing unit	PS
Standard top unit			
pure white	**1301 40**	1/5	02
grey	**1301 42**	1/5	02
red	**1301 43**	1/5	02
blue	**1301 46**	1/5	02
black	**1301 47**	1/5	02
Comfort top unit			
pure white	**0671 40**	1	02
grey	**0671 42**	1	02
red	**0671 43**	1	02
blue	**0671 46**	1	02
black	**0671 47**	1	02

Functional description of standard top unit for high installation areas → Page 321.
Functional description of comfort top unit for high installation areas → Page 322.




Radio automatic control switch

	Order no.	Packing unit	PS
pure white	**1306 40**	1	02
grey	**1306 42**	1	02
red	**1306 43**	1	02
blue	**1306 46**	1	02
black	**1306 47**	1	02

For use in the Gira radio bus system.
Functional description → Page 548.

Push button sensors/cover plates for bus systems



Push button sensor, 1-gang with inscription space

	Order no.	Packing unit	PS
pure white	**0881 40**	1/5	06
grey	**0881 42**	1/5	06
red	**0881 43**	1/5	06
blue	**0881 46**	1/5	06
black	**0881 47**	1/5	06

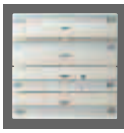
Discontinued item. **Available until December 2014.**
For use in the Gira bus systems.
Functional description of KNX/EIB system → Page 441.
Functional description of radio bus system → Page 551.



Push button sensor, 2-gang with inscription space

	Order no.	Packing unit	PS
pure white	**0882 40**	1/5	06
grey	**0882 42**	1/5	06
red	**0882 43**	1/5	06
blue	**0882 46**	1/5	06
black	**0882 47**	1/5	06

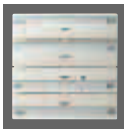
Discontinued item. **Available until December 2014.**
For use in the Gira bus systems.
Functional description of KNX/EIB system → Page 441.
Functional description of radio bus system → Page 551.



Push button sensor, 4-gang with inscription space

	Order no.	Packing unit	PS
pure white	**0884 40**	1/5	06
grey	**0884 42**	1/5	06
red	**0884 43**	1/5	06
blue	**0884 46**	1/5	06
black	**0884 47**	1/5	06

Discontinued item. **Available until December 2014.**
For use in the Gira bus systems.
Functional description of KNX/EIB system → Page 442.
Functional description of radio bus system → Page 551.

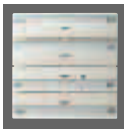


Multi-function push button sensor, 4-gang with inscription space

	Order no.	Packing unit	PS
pure white	**0885 40**	1/5	06
grey	**0885 42**	1/5	06
red	**0885 43**	1/5	06
blue	**0885 46**	1/5	06
black	**0885 47**	1/5	06

Discontinued item. **Available until December 2014.**
For use in the Gira KNX/EIB system.
Functional description → Page 442.

	Order no.	Packing unit	PS



Light scene push button sensor, 8-gang with inscription space

pure white	**0888 40**	1/5	06
grey	**0888 42**	1/5	06
red	**0888 43**	1/5	06
blue	**0888 46**	1/5	06
black	**0888 47**	1/5	06

Discontinued item. **Available until December 2014.**
For use in the Gira KNX/EIB system.
Functional description → Page 443.



Radio top unit for switching and dimming (touch dimmer cover plate)

pure white	**0543 40**	1/5	02
grey	**0543 42**	1/5	02
red	**0543 43**	1/5	02
blue	**0543 46**	1/5	02
black	**0543 47**	1/5	02

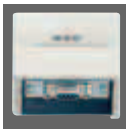
Functional description of radio bus system → Page 554.



Radio blind control button with sensor evaluation

pure white	**0545 40**	1/5	02
grey	**0545 42**	1/5	02
red	**0545 43**	1/5	02
blue	**0545 46**	1/5	02
black	**0545 47**	1/5	02

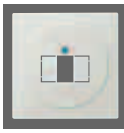
Functional description of radio bus system → Page 555.



KNX/EIB data interface with inscription space and removal protection

pure white	**0558 40**	1/5	06
grey	**0558 42**	1/5	06
red	**0558 43**	1/5	06
blue	**0558 46**	1/5	06
black	**0558 47**	1/5	06

Discontinued item. **Available until December 2014.**
For use in the Gira KNX/EIB system.
Functional description → Page 444.



Cover plate for TAE, stereo, USB

pure white	**0276 40**	5	01
grey	**0276 42**	1	11
red	**0276 43**	1	11
blue	**0276 46**	1	11
black	**0276 47**	1	11

USB data interface UP 1070 00 → Page 475.

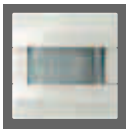
	Order no.	Packing unit	PS



KNX/EIB
Continuous regulator with 4-gang button interface including bus coupler

pure white	**2100 40**	1	06
grey	**2100 42**	1	06
red	**2100 43**	1	06
blue	**2100 46**	1	06
black	**2100 47**	1	06
Remote sensor	**1493 00**	1	02

Discontinued item. **Available until December 2014.**
For use in the Gira KNX/EIB system.
Functional description → Page 445.



KNX/EIB
automatic control switch

Standard top unit			
pure white	**0880 40**	1	06
grey	**0880 42**	1	06
red	**0880 43**	1	06
blue	**0880 46**	1	06
black	**0880 47**	1	06
Comfort top unit			
pure white	**1304 40**	1/5	06
grey	**1304 42**	1/5	06
red	**1304 43**	1/5	06
blue	**1304 46**	1/5	06
black	**1304 47**	1/5	06
Standard top unit for high installation areas			
pure white	**0889 40**	1	06
grey	**0889 42**	1	06
red	**0889 43**	1	06
blue	**0889 46**	1	06
black	**0889 47**	1	06
Comfort top unit for high installation areas			
pure white	**1305 40**	1	06
grey	**1305 42**	1	06
red	**1305 43**	1	06
blue	**1305 46**	1	06
black	**1305 47**	1	06

Discontinued item. **Available until December 2014.**
For use in the Gira KNX/EIB system.
Functional description of standard top unit → Page 451.
Functional description of comfort top unit → Page 452.
Functional description of standard top unit for high installation areas → Page 451.
Functional description of comfort top unit for high installation areas → Page 453.

The delivery results subject to countries specific assortments.

Blind controller



Cover plate and rockers with arrow symbol

	Order no.	Packing unit	PS
pure white	**0294 40**	5	01
grey	**0294 42**	5	11
red	**0294 43**	1	11
blue	**0294 46**	1	11
black	**0294 47**	1	11

Blind button/switch inserts 0158 00, 0159 00 → Page 277.
Bus-coupler button 0182 00 → Page 422.



Cover plate with knob for blind switches/buttons

	Order no.	Packing unit	PS
pure white	**0666 40**	5	01
grey	**0666 42**	1	11
red	**0666 43**	1	11
blue	**0666 46**	1	11
black	**0666 47**	1	11

Blind button/switch inserts 0154 00, 0157 00 → Page 277.



Cover plate for 2-pole key switches and 1-pole key switches

	Order no.	Packing unit	PS
pure white	**0664 40**	1/5	02
grey	**0664 42**	1	02
red	**0664 43**	1	02
blue	**0664 46**	1	02
black	**0664 47**	1	02

Key switch inserts 0144 00, 0163 00 → Page 277.
Profile semi-cylinder locks 0001 00, 0002 00, 0003 00 → Page 293.



Blind control button standard top unit

	Order no.	Packing unit	PS
pure white	**0634 40**	1	02
grey	**0634 42**	1	02
red	**0634 43**	1	02
blue	**0634 46**	1	02
black	**0634 47**	1	02

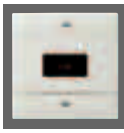
Functional description → Page 311.



Blind control button top unit

	Order no.	Packing unit	PS
pure white	**0644 40**	1/5	02
grey	**0644 42**	1/5	02
red	**0644 43**	1/5	02
blue	**0644 46**	1/5	02
black	**0644 47**	1/5	02

Functional description → Page 311.



Blind control button top unit with sensor evaluation

	Order no.	Packing unit	PS
pure white	**0820 40**	1/5	02
grey	**0820 42**	1/5	02
red	**0820 43**	1/5	02
blue	**0820 46**	1/5	02
black	**0820 47**	1/5	02

Functional description → Page 312.



Top unit for blind control button with memory function and sensor evaluation

	Order no.	Packing unit	PS
pure white	**0822 40**	1/5	02
grey	**0822 42**	1/5	02
red	**0822 43**	1/5	02
blue	**0822 46**	1/5	02
black	**0822 47**	1/5	02

Functional description → Page 312.



Radio blind control button with sensor evaluation

	Order no.	Packing unit	PS
pure white	**0545 40**	1/5	02
grey	**0545 42**	1/5	02
red	**0545 43**	1/5	02
blue	**0545 46**	1/5	02
black	**0545 47**	1/5	02

For use in the Gira radio bus system.
Functional description → Page 555.



Top unit electronic blind controller "easy"

	Order no.	Packing unit	PS
pure white	**0841 40**	1/5	02
grey	**0841 42**	1/5	02
red	**0841 43**	1/5	02
blue	**0841 46**	1/5	02
black	**0841 47**	1/5	02

Functional description → Page 314.

Time switch

Cover plate with knob for timer



	Order no.	Packing unit	PS
15 minutes			
pure white	**0640 40**	1	02
grey	**0640 42**	1	02
red	**0640 43**	1	02
blue	**0640 46**	1	02
black	**0640 47**	1	02
120 minutes			
pure white	**0642 40**	1	02
grey	**0642 42**	1	02
red	**0642 43**	1	02
blue	**0642 46**	1	02
black	**0642 47**	1	02

For screw attachment only.
Timer inserts 0320 00, 0321 00 → Page 277.

Electronic time clock "easy" 230 V~



	Order no.	Packing unit	PS
0 – 1000 W/VA			
pure white	**1175 40**	1	02
grey	**1175 42**	1	02
red	**1175 43**	1	02
blue	**1175 46**	1	02
black	**1175 47**	1	02

The time clock is installed in a 60 mm flush-mounted box (deep box recommended). The device enables programmed, time-controlled switching of various lighting elements.

- 2 switch-on and 2 switch-off times each for Mo - Fr and Sa + Su.
- Programmed switching times are permanently retained.
- Time is retained for approx. 4 hours in case of a power failure (maintenance-free without batteries).
- Automatic summer/winter changeover.

Rated voltage:	AC 230 V, 50 Hz, N conductor required
Contact rating:	1000 W light bulbs 1000 W HV halogen 750 VA LV halogen for wound transformer with at least 85 % rated load 750 W LV halogen, Gira Tronic transformer 500 VA fluorescent lamps, not compensated 400 VA fluorescent lamps, parallel-compensated 1000 VA fluorescent lamps, dual switching
Ambient temperature:	0 °C to +45 °C
Connection:	Screw terminals for max. 2.5 mm^2 or 2 x 1.5 mm^2

i 63

Electronic time clock 230 V~(AC)



	Order no.	Packing unit	PS
0 – 1000 W/VA			
pure white	**0385 40**	1	02
grey	**0385 42**	1	02
red	**0385 43**	1	02
blue	**0385 46**	1	02
black	**0385 47**	1	02

The time clock is installed in a 60 mm flush-mounted box (deep box recommended).
The device enables programmed, time-controlled switching of various lighting elements up to max. 1,000 W.

- 2 independent program memories for different types of use in the house.
- Switching times preset at the factory for fast commissioning.
- Up to 18 switching times can be programmed.
- Easy, menu-driven operation and programming via a 4-button field.
- Power reserve up to 24 hours (maintenance-free without batteries).
- Resetting of the time clock to the factory settings.
- Random generator can be activated; works in the range of ± 15 min.
- Astro function with individual Astro time shift (± 2 hours) depending on the place of use.
- Easy switchover between summer/winter time.
- Timer function (automatic switch-off after set time).
- Manual actuation possible at all times.
- Control via 2 separate auxiliary inputs possible.
- Zero-voltage contact (not suitable for disconnection).

Rated voltage:	AC 230 V, 50 Hz, N conductor required
Contact rating:	1000 W light bulbs 1000 W HV halogen 750 VA LV halogen for wound transformer with at least 85 % rated load 750 W LV halogen, Gira Tronic transformer 500 VA fluorescent lamps, not compensated 400 VA fluorescent lamps, parallel-compensated 1000 VA fluorescent lamps, dual switching
Ambient temperature:	0 °C to +45 °C
Connection:	Screw terminals for max. 2.5 mm^2 or 2 x 1.5 mm^2
Ambient temperature:	0 °C to +45 °C
Connection:	Screw terminals for max. 2.5 mm^2 or 2 x 1.5 mm^2

i 63

The delivery results subject to countries specific assortments.

Room temperature controller

Room temperature controller 230 V~



	Order no.	Packing unit	PS
230/10 (4) A~ with NC contact and on/off switch with control lamp[1)]			
pure white	**0392 40**	1/5	02
grey	**0392 42**	1/5	02
red	**0392 43**	1/5	02
blue	**0392 46**	1/5	02
black	**0392 47**	1/5	02
230/10 (4) A~ with NC contact[1)]			
pure white	**0390 40**	1/5	02
grey	**0390 42**	1/5	02
red	**0390 43**	1/5	02
blue	**0390 46**	1/5	02
black	**0390 47**	1/5	02
230/5 (2) A~ with 2-way switch[2)]			
pure white	**0396 40**	1/5	02
grey	**0396 42**	1/5	02
red	**0396 43**	1/5	02
blue	**0396 46**	1/5	02
black	**0396 47**	1/5	02

For screw attachment only. Flat design.
[1)]Contact rating: 2200 W.
Night-time reduction: approx. 4 K.
[2)]Rated heating current: 10(4) A.
Contact rating for heating: 2200 W.
Rated cooling current: 5(2) A.
Contact rating for cooling: 1100 W.

Thermal valve drive 230 V~ 1122 00 → Page 59.

i 35

Room temperature controller 24 V~



	Order no.	Packing unit	PS
24/10 (4) A~ with NC contact and on/off switch with control lamp[1)]			
pure white	**0393 40**	1/5	02
grey	**0393 42**	1/5	02
red	**0393 43**	1/5	02
blue	**0393 46**	1/5	02
black	**0393 47**	1/5	02
24/10 (4) A~ with NC contact[1)]			
pure white	**0391 40**	1/5	02
grey	**0391 42**	1/5	02
red	**0391 43**	1/5	02
blue	**0391 46**	1/5	02
black	**0391 47**	1/5	02
24/5 (2) A~ with 2-way switch[2)]			
pure white	**0397 40**	1/5	02
grey	**0397 42**	1/5	02
red	**0397 43**	1/5	02
blue	**0397 46**	1/5	02
black	**0397 47**	1/5	02

For screw attachment only. Flat design.
[1)]Contact rating: 240 W.
Night-time reduction: approx. 4 K.
[2)]Rated heating current: 10(4) A.
Contact rating for heating: 240 W.
Rated cooling current: 5(2) A.
Contact rating for cooling: 120 W.

Thermal valve drive 24 V 1123 00 → Page 60.

i 36

Room temperature controller 230 V~ with sensor, for electrical floor heating



	Order no.	Packing unit	PS
230/10 (4) A~ with NO contact			
pure white	**0394 40**	1	02
grey	**0394 42**	1	02
red	**0394 43**	1	02
blue	**0394 46**	1	02
black	**0394 47**	1	02

For screw attachment only.
Night-time reduction: approx. 5 K.
Contact rating: 2200 W.
Flat construction.
With remote sensors on 4 m cable (2 x 0.5 mm^2), can be extended to 50 m with 1.5 mm^2 2-lead cable. Sensors in plastic cap with 8.5 mm ∅ diameter and length of 40 mm.
Lay remote sensors in empty pipe in floor.

i 35

Room temperature controller clock with cooling function



pure white	**2370 40**	1	02
grey	**2370 42**	1	02
red	**2370 43**	1	02
blue	**2370 46**	1	02
black	**2370 47**	1	02

Electronic room temperature controller with integrated time delay switch for temperature-based single-room control. Heating units can be controlled directly via the switched output for example.

- Automatic switching of operating modes „heating“ or „cooling“ via separate input.
- Room temperature control via an internal and/or external temperature sensor as a room-temperature controller, as a floor-temperature controller or as a floor-temperature limiter.
- Time program with up to 32 switching points (default settings pre-programmed at the factory).
- Separate program for cooling function.
- Party function for extending the comfort temperature by 1, 2 or 3 hours, or until the next switching point.
- Energy-saving function for manual activation of the night-time reduction until the next switching point.
- Automatic summer/winter changeover.
- The hour display can be toggled between 12 and 24-hour mode.
- Self-teaching heating optimisation.
- Vacation reduction via date input.
- Remote sensor **1302 00** for measuring or controlling the floor temperature.

Rated voltage:	230 V, 50 Hz N conductor required
Contact rating:	8 (4) A 1 NO contact, with equipotential bonding (relay contact)
Temperature range:	+10 °C to +40 °C (comfort/night-time reduction) +5 °C to +15 °C (frost protection temperature)
Ambient temperature:	0 °C to +50 °C

Remote sensor 1302 00 → Page 59.
Thermal valve drive 230 V~ 1122 00 → Page 59.

i 37

	Order no.	Packing unit	PS



Remote sensors for room-temperature controller with clock

black	**1302 00**	1	02

Remote sensors with 4 m PVC line for measurement of floor temperature in conjunction with the room-temperature controller with clock **2370 ...** Sensors in plastic cap with 6 mm ∅ diameter and length of 43 mm.
Room temperature controller with clock 2370 ... → Page 227.

i 4



Radio room temperature sensor with clock

pure white	**1186 40**	1	02
grey	**1186 42**	1	02
red	**1186 43**	1	02
blue	**1186 46**	1	02
black	**1186 47**	1	02

For use in the Gira radio bus system.
Functional description → Page 548.



Thermal valve drive 230 V~

	1122 00	1/5	06

Functional description → Page 59.



Thermal valve drive 24 V

	1123 00	1/5	06

Functional description → Page 60.



Radio motor valve drive

	1187 00	1	02
Remote sensor			
white	**1188 00**	1	02

For use in the Gira radio bus system.
Functional description → Page 562.

S-Color

	Order no.	Packing unit	PS

Communication Technology

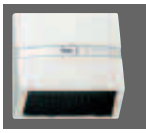


Data cap with support ring and inscription space for data and communication connection-technology inserts

pure white	**0870 40**	1/5	01
grey	**0870 42**	1/5	11
red	**0870 43**	1/5	11
blue	**0870 46**	1/5	11
black	**0870 47**	1/5	11

For screw attachment only.
For vertical and 30° tilted socket outlet.
Inserts for data caps → Page 398.
Inscription sheets 1454 00 → Page 294.

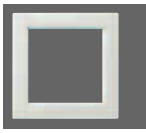
i 11



Hinged covering cap for device with cover plate (50 x 50 mm) and angled socket outlet

pure white	**0682 40**	1/5	01
grey	**0682 42**	1/5	11
red	**0682 43**	1/5	11
blue	**0682 46**	1/5	11
black	**0682 47**	1/5	11

Devices with a square central plate (50 x 50 mm) from other manufacturers, e.g. from Alcatel, AMP Econo Link System, Brand-Rex, BTR, Kannegieter BICC Brand Rex, Krone, Molex, Reichle de Massari, Rutenbeck, Schumann Netzwerktechnik RJ 45 connection box Cat. 5 BIIC, Siemens ICCS 100 and 300, Telegärtner, Telenorma, TKM, Quante and Panduit (2-gang MSCSP 2) can be integrated in the switch range with this cover cap and and cover frame (1 to 5-gang).
Cover plate for UAE/IAE (ISDN) 0270 .., 0284 .. → Page 229.
Inscription sheets 1454 00 → Page 294.



Intermediate plate with square cut-out for devices with cover plate (50 x 50 mm)

pure white	**0282 40**	5/25	01
grey	**0282 42**	5/25	11
red	**0282 43**	5/25	11
blue	**0282 46**	5/25	11
black	**0282 47**	5/25	11

With this intermediate plate and cover frame (1 to 5-gang), devices from other manufacturers with a square central plate (50 x 50 mm), e.g. Alcatel, AMP Econo Link System, Brand-Rex, BTR, Cellpack ITT Cannon Cat. 5, Deutsche Telekom, Drahtex, Hirose, Kannegieter BICC Brand Rex, Kerpen ELine 600, Krone, Molex, Nedap, Panduit, Quante, Reichle de Massari, Rutenbeck, Schumann Netzwerktechnik, HomeWay, Siemens ICCS 100, 300 and 600, Telegärtner, Telenorma, TKM (4 x RJ 45) shielded, Cat. 5) etc. can be integrated in the switch range.
Required for central plate (50 x 50 mm) for coaxial antenna socket, 4-gang 0258 .., 0259 .. → Page 232.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



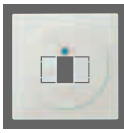
Intermediate plate with round cut-out for devices with cover plate (50 x 50 mm)

pure white	**0281 40**	5/25	01
grey	**0281 42**	5/25	11
red	**0281 43**	5/25	11
blue	**0281 46**	5/25	11
black	**0281 47**	5/25	11

Devices of other manufacturers with square central plates can be integrated in the switch range with this intermediate plate and cover frame (1 to 5-gang).

	Order no.	Packing unit	PS

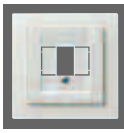
Telecommunication



Cover plate for TAE, stereo, USB

pure white	**0276 40**	5	01
grey	**0276 42**	1	11
red	**0276 43**	1	11
blue	**0276 46**	1	11
black	**0276 47**	1	11

TAE connection boxes 1100 10, 0032 10, 0033 10 → Page 400.

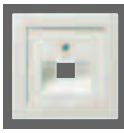


Cover plate for TDO connection box

(for Austria only)

pure white	**0260 40**	5	01
grey	**0260 42**	5	11
red	**0260 43**	5	11
blue	**0260 46**	5	11
black	**0260 47**	5	11

Suitable for all common TDO connection boxes.



Cover plate for UAE/IAE (ISDN) and network connection box

pure white	**0270 40**	5	01
grey	**0270 42**	5	11
red	**0270 43**	1	11
blue	**0270 46**	1	11
black	**0270 47**	1	11

with inscription space

pure white	**0284 40**	5	01
grey	**0284 42**	1	11
red	**0284 43**	1	11
blue	**0284 46**	1	11
black	**0284 47**	1	11

Cover plate can be broken out.
Suitable for UAE/IAE (ISDN) connection boxes.
UAE/IAE (ISDN) connection boxes 0179 00, 0186 00, 0187 00, 0188 00, 0189 00, 0190 00 → Page 400.
Network connection boxes 0166 00, 0178 00, 0180 00, 2451 00, 2452 00 → Page 400.
Network connection box HomePlug AV 2750 00 → Page 405.
Hinged covering cap 0682 .. → Page 228.
Inscription sheets 1453 00 → Page 294.



Cover plate for cable branch and telecommunications connector socket

	Order no.	Packing unit	PS
pure white	**0274 40**	5	01
grey	**0274 42**	1	11
red	**0274 43**	1	11
blue	**0274 46**	1	11
black	**0274 47**	1	11

Fits all common telecommunications connector sockets.
Cable branch insert 0400 00 → Page 293.



Cover plate for KPN connection box 4-pole

	Order no.	Packing unit	PS
pure white	**0779 40**	1	01
grey	**0779 42**	1	11
red	**0779 43**	1	11
blue	**0779 46**	1	11
black	**0779 47**	1	11



Cover plate for Belgacom connection box

	Order no.	Packing unit	PS
pure white	**0280 40**	1	01

Inserts available from wholesalers.

Data systems technology



Cover plate for modular jack/Western Technology, 2-gang with inscription space and locking panels

	Order no.	Packing unit	PS
pure white	**0663 40**	10/100	01
grey	**0663 42**	5	11
red	**0663 43**	1	11
blue	**0663 46**	1	11
black	**0663 47**	1	11

Fits Modular Jacks/Western Technology from AMP, Radial, Kannegieter, Lucent (AT), Nortel, Krone, Alcatel and ITT Canon in conjunction with the support rings for Modular Jacks/Western Technology.
Support ring 0191 00, 0192 00, 0193 00, 0194 00, 0196 00, 0197 00, 1121 00 → Page 231.
Pin jacks for Modular Jack 0044 00, 0045 00 → Page 402.
Pin jack for modular jack RJ45 cat. 6_A 5740 00 → Page 402.
Inscription sheets 1453 00 → Page 294.



Cover plate for modular Jack/Western Technology, 2-gang, with locking panels

	Order no.	Packing unit	PS
pure white	**0662 40**	5	01
grey	**0662 42**	1	11
red	**0662 43**	1	11
blue	**0662 46**	1	11
black	**0662 47**	1	11

Fits Modular Jacks/Western Technology from AMP, Radial, Kannegieter, Lucent (AT), Nortel, Krone, Alcatel and ITT Canon in conjunction with the support rings for Modular Jacks/Western Technology.
Support ring 0191 00, 0192 00, 0193 00, 0194 00, 0196 00, 0197 00, 1121 00 → Page 231.
Pin jacks for Modular Jack 0044 00, 0045 00 → Page 402.
Pin jack for modular jack RJ45 cat. 6_A 5740 00 → Page 402.



Cover plate with support ring for acceptance of plugs of type D-Sub (min-D)

	Order no.	Packing unit	PS
pure white	**0278 40**	1	01
grey	**0278 42**	1	11
red	**0278 43**	1	11
blue	**0278 46**	1	11
black	**0278 47**	1	11

For screw attachment only.
E.g. for **V 24 (RS 232)** interface.
Plugs 0021 00, 0022 00, 0023 00 → Page 402.

The delivery results subject to countries specific assortments.

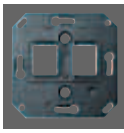
	Order no.	Packing unit	PS



Cover plate with base, support ring and adapter set for communication technology

pure white	**0277 40**	1/5	01
grey	**0277 42**	1/5	01
red	**0277 43**	1/5	01
blue	**0277 46**	1/5	01
black	**0277 47**	1/5	01

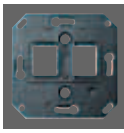
Second hole can be broken out.
For single-hole attachment with diameter ∅ 18 mm pursuant to DIN 41 524 or flange attachment with 22.2 mm hole spacing pursuant to DIN 51 529, BNC and TNC panel pin jacks. For signal and command devices with installation dimensions of ∅ 16.5 mm.
BNC panel pin jack 0025 00 → Page 402.
BNC specialised plug 0026 00 → Page 402.



Support ring Modular Jack/Western Technology for holding pin jacks Modular Jack AMP/Radiall

	0191 00	5	01

For screw attachment only.
Suitable for:
AMP 6-pole Netherlands 216 000 Cat. 3
AMP 8-pole Netherlands 216 005 Cat. 3
AMP 6-pole 1116603-2 toolless Cat. 3
AMP 8-pole 1339015-1 toolless Cat. 5e, shielded
AMP 8-pole 1375055-1 SL Cat. 6, unshielded
AMP 8-pole 1375188-1 SL Cat. 6, shielded
AMP TWIST-6S SL jack 8-pole 1711342-1, shielded Cat. 6
AMP TWIST-6AS SL jack 8-pole 1711716-1, shielded Cat. 6_A
AMP TWIST-7AS SL jack 8-pole 1711437-1, shielded Cat. 7_A
Radiall RJ 12 type 6P 6C Cat. 3, unshielded
Radiall R 280 mod. 804 RJ 12 Cat. 3, unshielded
Radiall R 280 mod. 805 RJ 45 Cat. 4, unshielded
Radiall R 280 mod. 807 RJ 45 Cat. 5, unshielded
KERPEN LK 5108 Cat. 6
Suitable for cover plate 0662 .., 0663 ... → Page 230.
Pin jacks for Modular Jack 0044 00, 0045 00 → Page 402.
Pin jack for modular jack RJ45 cat. 6_A 5740 00 → Page 402.

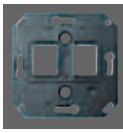


Support ring Modular Jack/Western Technology for holding pin jacks Radiall

	1121 00	5	01

for screw attachment only.
Suitable for:
MOD 6-pole, MOD 8-pole
MOD/MOD 6-pole, MOD/MOD 8-pole
MOD/MOD 6-en 8-pole Radiall
Suitable for cover plate 0662 .., 0663 ... → Page 230.

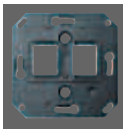
	Order no.	Packing unit	PS



Support ring Modular Jack/Western Technology for holding pin jacks Modular Jack AMP

	0192 00	5	01

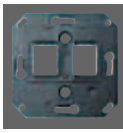
For screw attachment only.
Suitable for:
AMP 8-pole 1116515-1 Cat. 5e, shielded
AMP 8-pole 1116604-2 toolless Cat. 5e, unshielded
AMP TWIST-7AS SL jack 8-pole 1711437-1, shielded Cat. 7_A
Kannegieter BICC Brand Rex snap-in-jacks RJ 45
AMP MT-RJ LWL Duplex
AMP LC LWL Duplex
Suitable for cover plate 0662 .., 0663 ... → Page 230.



Support ring Modular Jack/Western Technology for holding pin jacks Modular Jack Lucent (AT + T)

	0194 00	5	01

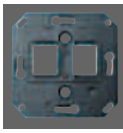
For screw attachment only.
For 2 x AT + T M 11 B/C or for 2 x AT + T T 568 B.
Suitable for cover plate 0662 .., 0663 ... → Page 230.



Support ring Modular Jack/Western Technology for holding pin jacks Modular Jack Krone

	0193 00	5	01

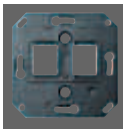
For screw attachment only.
Suitable for:
Krone RJ 45 pin jack T568A/B (6540 1 100-..) Cat. 5, unshielded
Krone RJ 45 pin jack T568A/B (6540 1 154-..) Cat. 5, shielded
Suitable for cover plate 0662 .., 0663 ... → Page 230.



Support ring Modular Jack/Western Technology for holding pin jacks Modular Jack Alcatel

	0196 00	1	01

For screw attachment only.
Suitable for Alcatel Epsilon connector:
ACS-410.010 Cat. 5 UTP ACS-410.020 Cat. 5 FTP
ACS-410.030 Cat. 5 STP ACS-420.010 Class E UTP
ACS-420.020 Class E FTP ACS-430.030 Class E STP
Suitable for cover plate 0662 .., 0663 ... → Page 230.



Support ring Modular Jack/Western Technology for holding pin jacks Modular Jack ITT Canon and Panduit

	0197 00	5	01

For screw attachment only.
Suitable for:
ITT Canon: MK2 808, MK3
and all other jacks of this product line.
Panduit: Jacks of the MINI-COM product line such as
CJS 588 Cat. 5 shielded, CJ 588 BL Cat. 5 unshielded
Suitable for cover plate 0662 .., 0663 ... → Page 230.

TV / Multimedia



Cover plate for coaxial antenna socket

	Order no.	Packing unit	PS
pure white	**0869 40**	10/100	01
grey	**0869 42**	1	11
red	**0869 43**	1	11
blue	**0869 46**	1	11
black	**0869 47**	1	11

Third hole can be broken out.
Antenna sockets 0041 00, 0042 00, 0046 00 and 0937 00 → Page 403.



Central plate (50 x 50 mm) for coaxial-antenna socket, 4-gang with 2 additional SAT connections from Hirschmann

	Order no.	Packing unit	PS
pure white	**0258 40**	5/25	01
black	**0258 10**	1	01

To integrate this central plate in the switch range, the intermediate plate with a square cut-out for devices from other manufacturers (50 x 50 mm) **0282 .. must** be used.
Intermediate plate 0282 .. → Page 228.



Central plate (50 x 50 mm) for coaxial-antenna socket, 4-gang with 2 additional SAT connections for fuba, ECG-Elektro, Astro

	Order no.	Packing unit	PS
pure white	**0259 40**	5/25	01
black	**0259 10**	5/25	01

Fits antenna socket, 4-gang GAD 400 from fuba, SEV 2 from ECG-Elektro and GUT 400 from Astro.
To integrate this central plate in the switch range, the intermediate plate with a square cut-out for devices from other manufacturers (50 x 50 mm) **0282 .. must** be used.
Intermediate plate 0282 .. → Page 228.

Acoustics



Insert with high-end loudspeaker connectors WBT (+/-)

	Order no.	Packing unit	PS
	0091 00	5	01

For the professional connection of loudspeaker cables up to max. 10 mm^2 via sub-terminals via screwed nuts or via 4 mm banana plugs.
Does not fit water-protected surface-mounted system.

Material:	OFC copper, 24-carat gold plated
Contact resistance:	≤ 0.1 mΩ with terminal attachment ≤ 0.15 mΩ with attachment via standard banana plug

Fits data cap 0870 .. → Page 228.

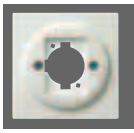
i 11



Stereo loudspeaker socket outlet

	Order no.	Packing unit	PS
pure white	**0402 40**	1/5	01
grey	**0402 42**	1/5	11
red	**0402 43**	1/5	11
blue	**0402 46**	1/5	11
black	**0402 47**	1/5	11

With screw terminals.
Connectable cable cross-section max. 1.5 mm^2.
For line diameter up to 10 mm^2, use insert for high-end loudspeaker plug (WBT) **0091 00** and data cap **0870 ...**



Cover plate with support ring and adapter for XLR round plugs (C series)

	Order no.	Packing unit	PS
pure white	**0265 40**	1	01
grey	**0265 42**	1	11
red	**0265 43**	1	11
blue	**0265 46**	1	11
black	**0265 47**	1	11

Adapter for level and slanted attachment.
Screw attachment.
XLR plugs 0436 00, 0437 00 → Page 403.

The delivery results subject to countries specific assortments.

Equipotential bonding socket



Equipotential bonding socket, 2-gang

	Order no.	Packing unit	PS
pure white	**0405 40**	1/5	01
grey	**0405 42**	1/5	11
red	**0405 43**	1/5	11
blue	**0405 46**	1/5	11
black	**0405 47**	1/5	11

For the connection of medical devices. DIN 42 801.
Connectable line diameter: 6 to 10 mm^2.
Pin-jack plug bracket 044757 → Page 233.

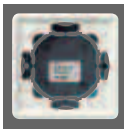


Pin-jack plug bracket DIN 42 801 for equipotential bonding socket

	Order no.	Packing unit	PS
For lines up to 6 mm^2	**044757**	5/25	01

With yellow insulating bush.
Equipotential bonding socket 0405 ... → Page 233.

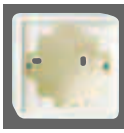
Surface-mounted



Surface-mounted housing, flat design, with S-Color cover frame

	Order no.	Packing unit	PS
1-gang			
pure white	**0219 40**	1	01
grey	**0219 42**	1	01
red	**0219 43**	1	01
blue	**0219 46**	1	01
black	**0219 47**	1	01

For push buttons with low voltage up to 42 V and radio wall transmitter insert.
Not suitable for cable and duct entry.
Push buttons for low voltage up to 42 V 0153 .. → Page 218.
Radio wall transmitter insert 0511 00 → Page 543.



Surface-mounted housing with S-Color cover frame

	Order no.	Packing unit	PS
1-gang			
pure white	**0061 40**	10	13
grey	**0061 42**	1	13
red	**0061 43**	1	13
blue	**0061 46**	1	13
black	**0061 47**	1	13
2-gang			
pure white	**0062 40**	5	13
grey	**0062 42**	1	13
red	**0062 43**	1	13
blue	**0062 46**	1	13
black	**0062 47**	1	13
3-gang			
pure white	**0063 40**	1	13
grey	**0063 42**	1	13
red	**0063 43**	1	13
blue	**0063 46**	1	13
black	**0063 47**	1	13

With cable and duct entry. With S-Color, rocker switches, push buttons and SCHUKO socket outlets with hinged covers are generally protected from dripping water (IP 21) on the wall in conjunction with these housings. (Key switches and three-stage switches cannot be installed in this housing.)



Junction box protected from dripping water (IP 31)

	Order no.	Packing unit	PS
pure white	**0070 40**	1	01
grey	**0070 42**	1	11
red	**0070 43**	1	11
blue	**0070 46**	1	11
black	**0070 47**	1	11

With 3 cable and duct entries.

	Order no.	Packing unit	PS
 **Cable duct**			
pure white	**0009 40**	5	01
grey	**0009 42**	5	11
red	**0009 43**	5	11
blue	**0009 46**	5	11
black	**0009 47**	5	11

	Order no.	Packing unit	PS
Duct Installation			
 **Complete pre-wired SCHUKO socket outlet combination, 3-gang 16 A/250 V~ for quick installation in parapet duct**			
pure white			
Type 9	**0747 40**	5	01

With cover frame, 3-gang.
Suitable for Stago System 3000 and Van Geel GW 05 ducts.

The delivery results subject to countries specific assortments.

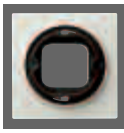
Other



Cover plate for light signal

	Order no.	Packing unit	PS
pure white	**0658 40**	1	01
grey	**0658 42**	1	11
red	**0658 43**	1	11
blue	**0658 46**	1	11
black	**0658 47**	1	11

Light signal insert (E 10) 0160 00 → Page 292.
Light signal insert 0161 00 → Page 292.
Flat covering caps, can be inserted, 0801 02, 0803 02, 0804 02, 0806 02 → Page 292.



Cover plate with bayonet lock for light signal

	Order no.	Packing unit	PS
pure white	**0659 40**	1	01
grey	**0659 42**	1	11
red	**0659 43**	1	11
blue	**0659 46**	1	11
black	**0659 47**	1	11

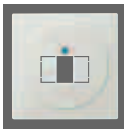
Light signal insert 0161 00 → Page 292.
Covering caps with bayonet lock 0801 01, 0803 01, 0804 01, 0806 01 → Page 292.



Blind cover plate with support ring

	Order no.	Packing unit	PS
pure white	**0268 40**	10/100	01
grey	**0268 42**	5	11
red	**0268 43**	1	11
blue	**0268 46**	1	11
black	**0268 47**	1	11

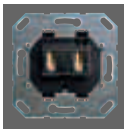
For screw attachment.



Cover plate for TAE, USB

	Order no.	Packing unit	PS
pure white	**0276 40**	5	01
grey	**0276 42**	1	11
red	**0276 43**	1	11
blue	**0276 46**	1	11
black	**0276 47**	1	11

Suitable for all common TAE connection boxes.
USB power supply 2359 00 → Page 235.



USB power supply 2-gang

Order no.	Packing unit	PS
2359 00	1/5	02

Power supply with integrated plug connector, USB type A. Suitable as charging device, e. g. for mobile phones and similar devices. Simultaneous charging of 2 devices is possible.

Charging current:	2 x 700 mA / 1 x 1400 mA
Primary rated voltage:	100 - 240 V AC, 50 Hz
Secondary rated voltage:	5 V
Temperature range:	0 °C to +40 °C
Standby power:	≤ 0,3 W

Suitable for cover plate 0276 .., 0876 .. → Page 235.

	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal



1-gang pure white	**0211 40**	10/100	01
2-gang pure white	**0212 40**	10	01
3-gang pure white	**0213 40**	10/100	01
4-gang pure white	**0214 40**	1/5	01
5-gang pure white	**0215 40**	1/5	01

Also suitable for duct installation.



1-gang grey	**0211 42**	10	11
2-gang grey	**0212 42**	10	11
3-gang grey	**0213 42**	1/5	11
4-gang grey	**0214 42**	1/5	11
5-gang grey	**0215 42**	1/5	11

Also suitable for duct installation.



1-gang red	**0211 43**	10	11
2-gang red	**0212 43**	10	11
3-gang red	**0213 43**	1/5	11
4-gang red	**0214 43**	1/5	11
5-gang red	**0215 43**	1/5	11

Also suitable for duct installation.

	Order no.	Packing unit	PS



1-gang blue	**0211 46**	10	11
2-gang blue	**0212 46**	10	11
3-gang blue	**0213 46**	1/5	11
4-gang blue	**0214 46**	1/5	11
5-gang blue	**0215 46**	1/5	11

Also suitable for duct installation.



1-gang black	**0211 47**	10	11
2-gang black	**0212 47**	10	11
3-gang black	**0213 47**	1/5	11
4-gang black	**0214 47**	1/5	11
5-gang black	**0215 47**	1/5	11

Also suitable for duct installation.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Cover frames with seal for combinations vertical and horizontal



1-gang pure white	**0251 40**	10	01
2-gang pure white	**0252 40**	10	01
3-gang pure white	**0253 40**	1/5	01

For drip-water-protected (IP 21) placement of flush-mounted push switches, rocker switches, buttons and SCHUKO socket outlets with hinged covers. Cannot be combined with S-Color housings. Also suitable for duct installation.



1-gang grey	**0251 42**	1	11
2-gang grey	**0252 42**	10	11
3-gang grey	**0253 42**	1/5	11

For drip-water-protected (IP 21) placement of flush-mounted push switches, rocker switches, buttons and SCHUKO socket outlets with hinged covers. Cannot be combined with S-Color housings. Also suitable for duct installation.



1-gang red	**0251 43**	1	11
2-gang red	**0252 43**	10	11
3-gang red	**0253 43**	1/5	11

For drip-water-protected (IP 21) placement of flush-mounted push switches, rocker switches, buttons and SCHUKO socket outlets with hinged covers. Cannot be combined with S-Color housings. Also suitable for duct installation.

	Order no.	Packing unit	PS



1-gang blue	**0251 46**	1	11
2-gang blue	**0252 46**	10	11
3-gang blue	**0253 46**	1/5	11

For drip-water-protected (IP 21) placement of flush-mounted push switches, rocker switches, buttons and SCHUKO socket outlets with hinged covers. Cannot be combined with S-Color housings. Also suitable for duct installation.



1-gang black	**0251 47**	1	11
2-gang black	**0252 47**	10	11
3-gang black	**0253 47**	1/5	11

For drip-water-protected (IP 21) placement of flush-mounted push switches, rocker switches, buttons and SCHUKO socket outlets with hinged covers. Cannot be combined with S-Color housings. Also suitable for duct installation.

The Gira Profile 55 enables the easy expansion of the existing electrical installation without having to prise open the wall. When relocating, the expansion can simply be removed and taken along.

The profile is available with up to eight empty units and in many different variants. It can be individually equipped with all functions from the Gira System 55.

Mounting
Suitable for vertical and horizontal installation for the expansion of an existing installation with flush-mounted or surface-mounted cable routing

With angled mounting bracket/base for installation under hanging cabinets, in corners and as a table-top housing

Dimensions
(W × H × D, mm)
Gira Profile 55

1-gang:	87 × 86 × 53
2-gang:	158 × 86 × 53
3-gang:	230 × 86 × 53
5-gang:	372 × 86 × 53
5-gang/600:	587 × 86 × 53
8-gang:	587 × 86 × 53

Gira Profile 55
with centred cable feed

2-gang:	158 × 86 × 53
3-gang:	230 × 86 × 53

Gira Profile 55
with angled mounting bracket/base

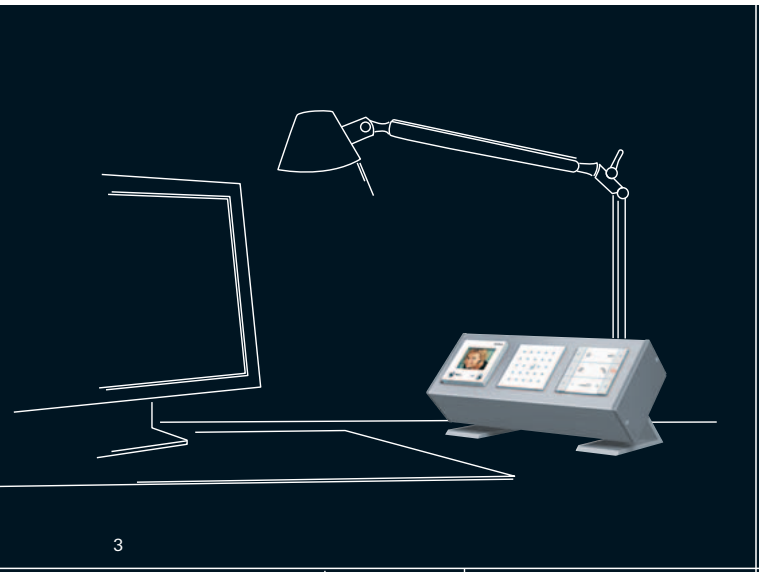
2-gang:	158 × 107 × 107
3-gang:	230 × 107 × 107
5-gang/600:	587 × 107 × 107
8-gang:	587 × 107 × 107

Material
Aluminium

Colours
Pure white (lacquered, similar to RAL 9010), aluminium (anodised E6 EV1)

Protection type
IP 20

Design
Gira, Radevormwald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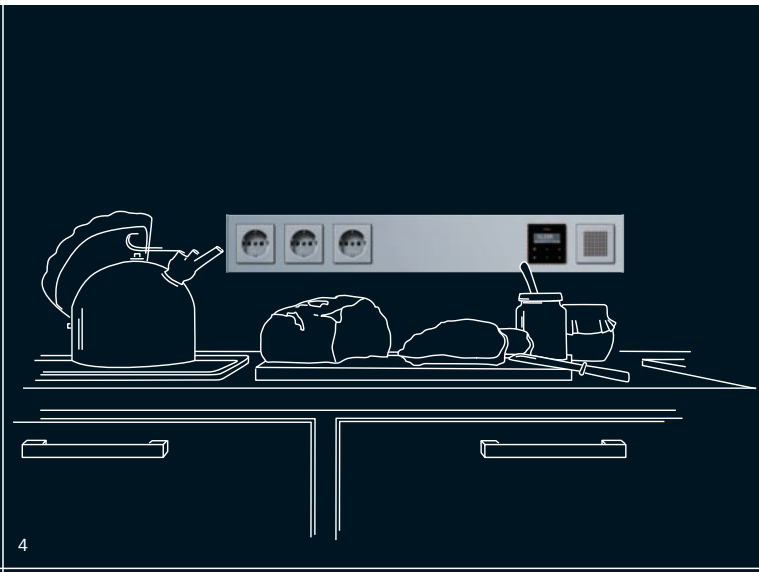
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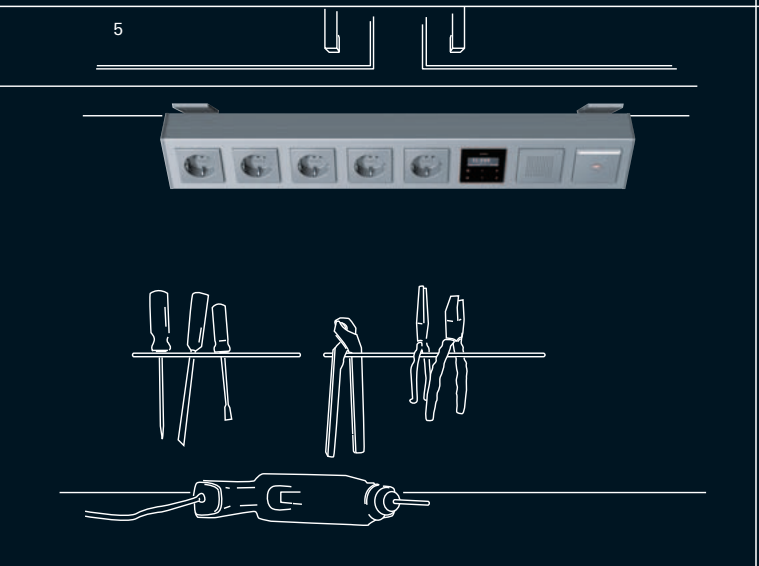
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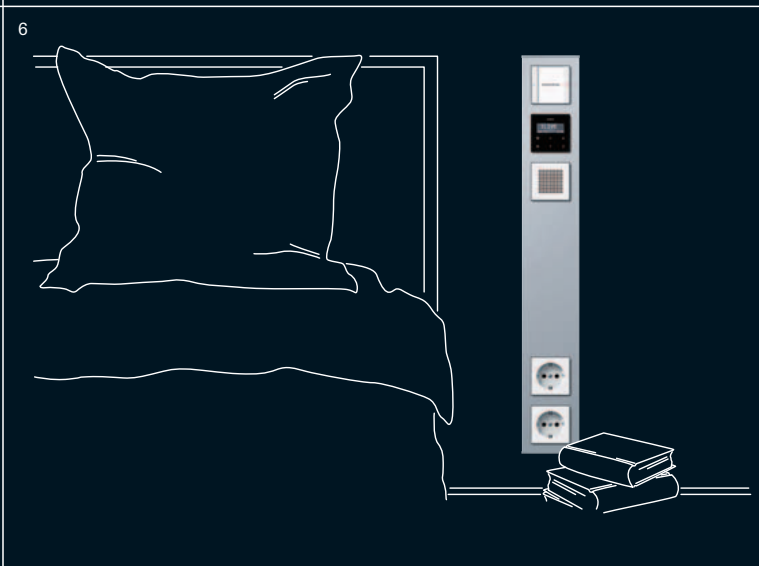

6

Gira Profile 55
Surface-mounted expansion installation
System 55

Gira Profile 55

Vertial and horizontal 240
Horizontal with centred cable feed 241
Accessories 241
with mounting bracket/base 241

System 55 central inserts and cover plates 26
Flush-mounted inserts and accessories 270

Modular function profile 242

1 Aluminium, pure white lacquered
2 Aluminium



1



2

Gira Profile 55,
aluminium

3
3-gang with angled mounting bracket/base, equipped with home station and TFT colour display

4
5-gang/600, equipped with three SCHUKO socket outlets and RDS flush-mounted radio

5
8-gang with angled mounting bracket/base, equipped with 5 SCHUKO socket outlets, RDS flush-mounted radio and control switch (central off) with inscription label

6
5-gang/600, equipped with radio wall transmitter as panic switch, RDS flush-mounted radio and two SCHUKO socket outlets

Gira Profile 55,
aluminium, pure white lacquered

7
5-gang/600, equipped with radio room temperature sensor, RDS flush-mounted radio and two SCHUKO socket outlets with LED and hinged cover



7

	Order no.	Packing unit	PS

Profile 55
vertical and horizontal
with side and rear cable feed



1-gang

pure white (lacquered)	**1361 27**	1	17
Aluminium	**1361 26**	1	17



2-gang

pure white (lacquered)	**1362 27**	1	17
Aluminium	**1362 26**	1	17



3-gang

pure white (lacquered)	**1363 27**	1	17
Aluminium	**1363 26**	1	17



5-gang

pure white (lacquered)	**1364 27**	1	17
Aluminium	**1364 26**	1	17



5-gang 600 mm

pure white (lacquered)	**1365 27**	1	17
Aluminium	**1365 26**	1	17

	Order no.	Packing unit	PS



8-gang

pure white (lacquered)	**1366 27**	1	17
Aluminium	**1366 26**	1	17

Installation profile of aluminium for horizontal and vertical installation.
With cable and duct entry. Both flush-mounted and surface-mounted cable feeding is possible.
Simplified installation via clipping-in of inserts.
With System 55, rocker switches, push buttons and SCHUKO socket outlets with hinged covers are generally protected from dripping water (IP 21) on the wall in conjunction with these housings. (Key switches and three-stage switches cannot be installed in this housing.)

Dimensions:	W x H x D 587 x 86 x 53 mm
1-gang	W x H x D 87 x 86 x 53 mm
2-gang	W x H x D 158 x 86 x 53 mm
3-gang	W x H x D 230 x 86 x 53 mm
5-gang	W x H x D 372 x 86 x 53 mm
5-gang 600 mm	W x H x D 587 x 86 x 53 mm
8-gang	W x H x D 587 x 86 x 53 mm

i 8

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Profile 55 horizontal with centred cable feed



2-gang

pure white (lacquered)	**1367 27**	1	17
Aluminium	**1367 26**	1	17



3-gang

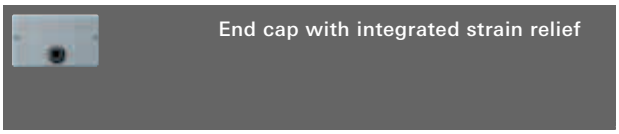
pure white (lacquered)	**1368 27**	1	17
Aluminium	**1368 26**	1	17

Installation profile of aluminium for horizontal installation.
With connection adapter for the duct entry. Cable feeding is centred surface-mounted via the longitudinal side of the installation profile.
Simplified installation via clipping-in of inserts.
With System 55, rocker switches, push buttons and SCHUKO socket outlets with hinged covers are generally protected from dripping water (IP 21) on the wall in conjunction with these housings. (Key switches and three-stage switches cannot be installed in this housing.)

Dimensions:	W x H x D 230 x 86 x 53 mm
2-gang	W x H x D 158 x 86 x 53 mm
3-gang	W x H x D 230 x 86 x 53 mm

i 8

Profile 55 Accessories



End cap with integrated strain relief

pure white	**1358 27**	1	17
grey	**1358 28**	1	17

Profile 55 with angled mounting bracket/base foot with rear cable feed



2-gang

pure white (lacquered)	**1192 27**	1	17
Aluminium	**1192 26**	1	17



3-gang

pure white (lacquered)	**1193 27**	1	17
Aluminium	**1193 26**	1	17



5-gang 600 mm

pure white (lacquered)	**1195 27**	1	17
Aluminium	**1195 26**	1	17



8-gang

pure white (lacquered)	**1198 27**	1	17
Aluminium	**1198 26**	1	17

Installation profile of aluminium.
With the angled mounting bracket/base foot, the Profile 55 can be installed both as a table-top housing and under hanging cabinets or in corners.
The cable feed is via the back of the aluminium profile.
Simplified installation via clipping-in of inserts.
With System 55, rocker switches, push buttons and SCHUKO socket outlets with hinged covers are generally protected from dripping water (IP 21) on the wall in conjunction with these housings. (Key switches and three-stage switches cannot be installed in this housing.)

Dimensions:	W x H x D 587 x 107 x 107 mm
2-gang	W x H x D 158 x 107 x 107 mm
3-gang	W x H x D 230 x 107 x 107 mm
5-gang 600 mm	W x H x D 587 x 107 x 107 mm
8-gang	W x H x D 587 x 107 x 107 mm

i 8

The modular function profile enables harmonious all-round solutions for electrical installation on the wall and combines different devices and functions in one attractive unit. The more than 300 functions of the Gira System 55 can be integrated in the modular function profile.

The modular function profile can still be used trouble-free after renovating or moving.

Note: with the aid of a special mounting frame, the devices and equipped empty units can also be installed individually on the wall, both flush-mounted and surface-mounted.

Dimensions (H × W × D, mm)
Surface-mounted mounting frame:
246 × 182 × 52
5-gang installation profile:
1206 × 182 × 68
8-gang installation profile:
1926 × 182 × 68
10-gang installation profile:
2406 × 182 × 68
(each with module)

Flush-mounted mounting frame (installation dimensions):
252 × 194 × 64

Material
Mounting frame:
thermoplastic(ABS)
Installation profile:
aluminium
Front panels:
glass mint
Blind cover plates:
glass mint

Protection type
IP 20

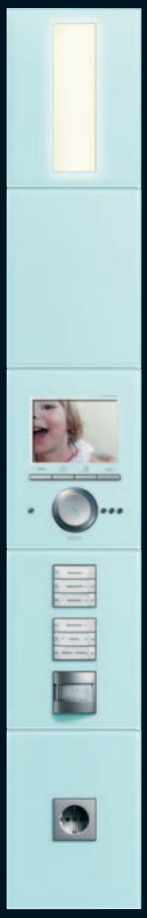
Design
Gira Design Team,
Radevormwald

Design awards
red dot award 2003,
Design Zentrum NRW

Plus X Award 2006

red dot award 2012,
in connection with
CasePlus Design,
BOS GmbH Best of Steel,
Emstetten

Plus X Award 2012
in connection with
CasePlus Design,
BOS GmbH Best of Steel,
Emstetten



Light

Blind cover plate
1-gang

VideoTerminal

3-gang empty unit
equipped with two
push button sensors 3,
3-gang and automatic
control switch

1-gang empty unit
with SCHUKO socket
outlet with child
protection

Gira modular function profile
System 55

Gira modular function profile

Installation profiles/ mounting frames 245
Modules 246
Blind cover plates 247

System 55 central inserts and cover plates 26
Flush-mounted inserts and accessories 270

Individual devices in surface-mounted mounting frame

1 Light
2 VideoTerminal
3 3-gang empty unit, equipped with two push button sensors 3, 3-gang and automatic control switch


1

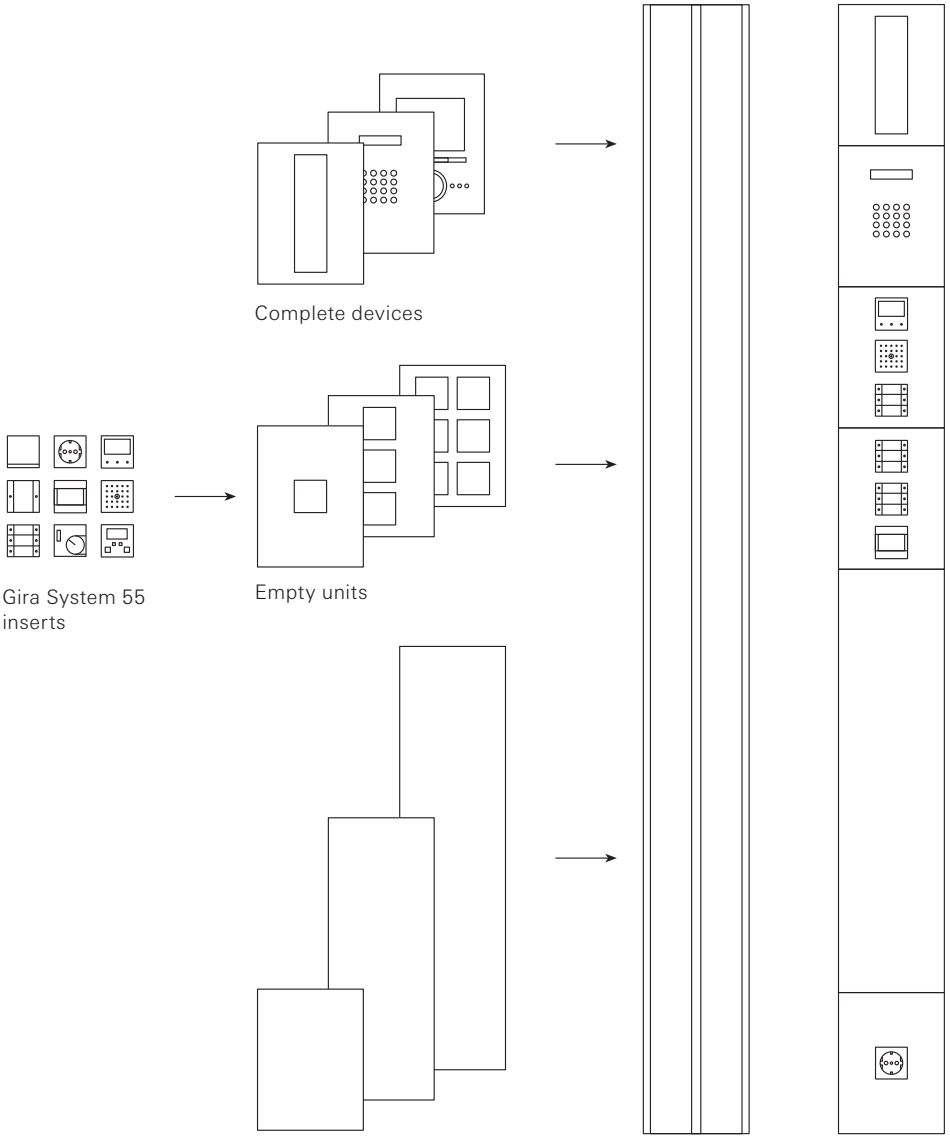

2


3

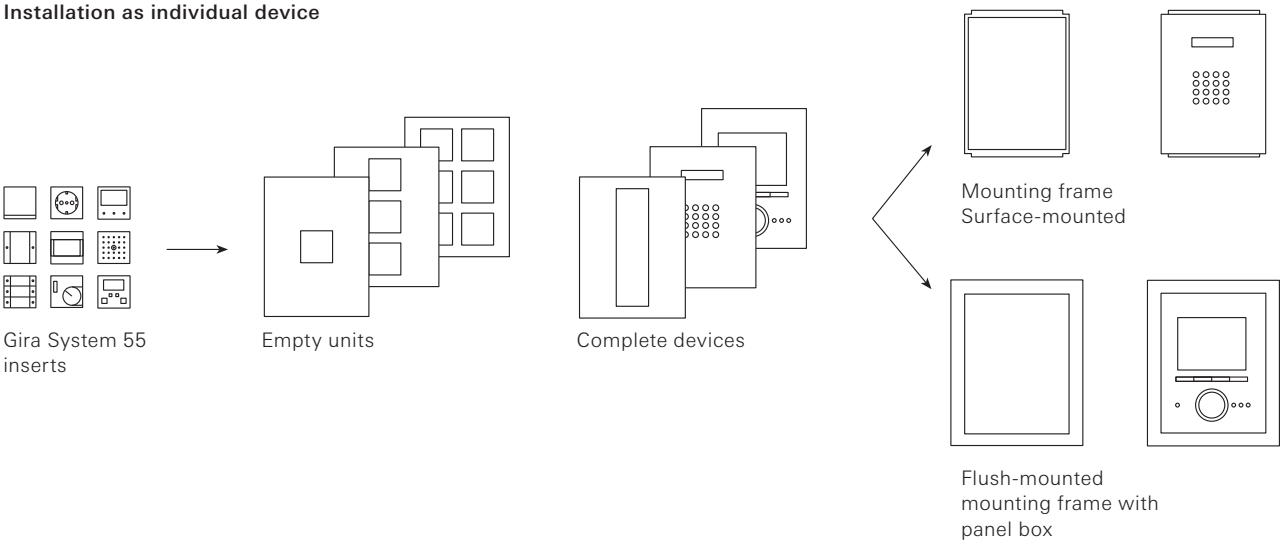


Installation types

Installation in profile

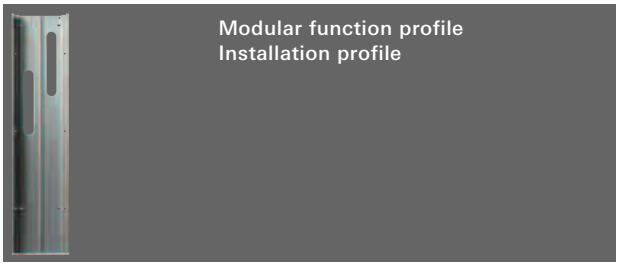


Installation as individual device



	Order no.	Packing unit	PS

Installation profiles / mounting frames



Modular function profile Installation profile

for 5 modules			
1200 mm	**1371 00**	1	17
for 8 modules			
1920 mm	**1372 00**	1	17
for 10 modules			
2400 mm	**1373 00**	1	17

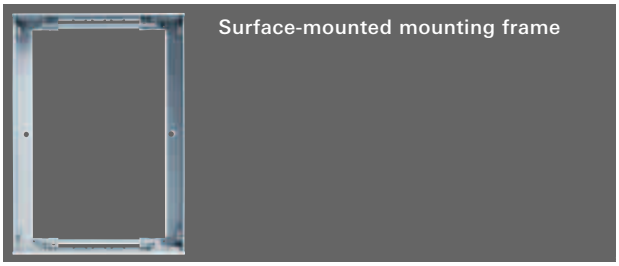
Installation profile made of aluminium. The installation profile of the modular function profile is attached to the wall and holds the individual modules.
The installation profile is available in three lengths:

- 1200 mm (for 5 modules)
  Preferable for expansion installation from upper edge of door to switch height or from base strip to switch height (made accessible, for example, via base strip or junction box)
- 1920 mm (for 8 modules)
  Preferable for installation next to front door (e.g. made accessible via junction box)
- 2400 mm (for 10 modules)
  Preferable for installation next to door (e.g. made accessible via junction box)

Access is possible through existing flush-mounted boxes (e.g. switches or socket outlets) via rear openings in the installation profile.
Any required electrical isolation of mains and low voltage is implemented with bulkheads included with the respective modules.
Dimensions:

Without modules:	W x H x D 176 x 1200 x 60 mm
	W x H x D 176 x 1920 x 60 mm
	W x H x D 176 x 2400 x 60 mm
With modules:	W x H x D 182 x 1206 x 68 mm
	W x H x D 182 x 1926 x 68 mm
	W x H x D 182 x 2406 x 68 mm

VideoTerminal 2600 .. → Page 365.
Radio controller 0358 18 → Page 540.
Light 1377 18 → Page 246.
Device units 1381 18, 1383 18, 1386 18 → Page 246.



Surface-mounted mounting frame

	1251 04	1	02

Mounting frames made of shatter-proof thermoplastic for surface-mounted installation of individual modules from the modular function profile system. Using the mounting frames, the modules can be installed individually on the wall. It is also possible to combine several mounting frames with one another.
Dimensions:

Without module:	W x H x D 176 x 246 x 52 mm
With module:	W x H x D 182 x 246 x 52 mm

VideoTerminal 2600 .. → Page 365.
Radio controller 0358 18 → Page 540.
Light 1377 18 → Page 246.
Device units 1381 18, 1383 18, 1386 18 → Page 246.



Flush-mounted mounting frame with device box

	1252 04	1	02

Mounting frames made of diecast zinc with a device box of shatter-proof thermoplastic for flush-mounted installation of individual modules from modular function profile system. Using the flush-mounted mounting frames, the modules can be installed individually both in hollow walls and in masonry. It is also possible to combine several mounting frames horizontally or vertically with one another.
Installation dimensions: W x H x D 194 x 252 x 64 mm

VideoTerminal 2600 .. → Page 365.
Radio controller 0358 18 → Page 540.
Light 1377 18 → Page 246.
Device units 1381 18, 1383 18, 1386 18 → Page 246.

Modules



Gira VideoTerminal

	Order no.	Packing unit	PS
Glass mint	**2600 18**	1	10

Functional description → Page 365.



Radio controller

	Order no.	Packing unit	PS
Glass mint	**0358 18**	1	02

Functional description → Page 540.



Modular function profile Light

	Order no.	Packing unit	PS
Glass mint	**1377 18**	1	17

Light for integration in the modular function profile.
The light is installed either in the mounting frame **1251 04** or in the module function profile **1371 00**, **1372 00**, **1373 00**. A 9 W compact fluorescent lamp with a G7 socket (e.g. Osram Dulux S/E 9 W/21-840) serves as a light .
Dimensions: W x H x D 182 x 240 x 52 mm

Installation profile 1371 00, 1372 00, 1373 00 → Page 245.
Mounting frame, surface-mounted 1251 04, flush-mounted 1252 04 → Page 245.



Modular function profile Device units

	Order no.	Packing unit	PS
1-gang			
Glass mint	**1381 18**	1	17
3-gang			
Glass mint	**1383 18**	1	17
6-gang			
Glass mint	**1386 18**	1	17

Device unit for integration in the modular function profile.
Via the device unit, all functions from System 55 can be integrated in the modular function profile. The device units are available in three different versions:
- 1-gang
- 3-gang
- 6-gang

Any required electrical isolation of mains and low voltage can be implemented with the device panel boxes included.
Dimensions: W x H x D 182 x 240 x 52 mm

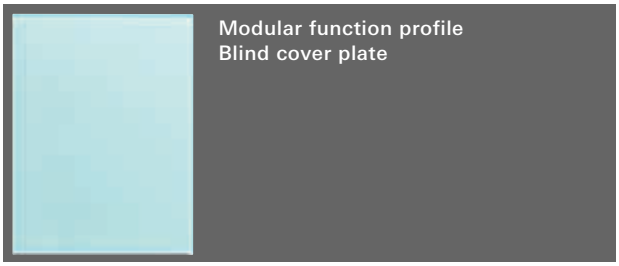
System 55 Central inserts and cover plates → Page 30.
Installation profile 1371 00, 1372 00, 1373 00 → Page 245.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

	Order no.	Packing unit	PS

Blind cover plates



Modular function profile
Blind cover plate

1-gang			
Glass mint	**1374 18**	1	17
2-gang			
Glass mint	**1375 18**	1	17
3-gang			
Glass mint	**1376 18**	1	17

Glass blind cover plate for integration into the modular function profile.
The distances between the modules in the installation profile required for operation are bridged with the blind cover plate. The blind cover plates are available in three modular lengths, i.e. for:

- 1 module unit
- 2 module units
- 3 module units

Dimensions: W x H 182 x 240 mm
W x H 182 x 480 mm
W x H 182 x 720 mm

Installation profile 1371 00, 1372 00, 1373 00 → Page 245.

Gira TX_44
For water-protected installation in damp rooms and outdoors, the Gira TX_44 switch range can be installed water-protected according to the protection type IP 44.

Gira TX_44 is an extraordinarily rugged switch range. It's shock-resistant and shatter-proof, and due to its theft-protected installation it's especially well-suited for use in public buildings.

The functions from the Gira TX_44 switch range can be integrated in the Gira energy and light profiles (Page 262). In addition, inserts from Gira System 55 can be integrated using an intermediate plate – both for data connection technology and bus technology.

The TX_44 serves as the switch range for the Gira door station in the Gira door communication system. It is also suitable for integration of the Gira Keyless In products. They provide convenient and secure access control for indoor and outdoor applications. All Keyless In functions can also be used as stand-alone functions, e.g. at individual doors or gates.

Frames
Suitable for vertical and horizontal installation, theft-proof due to installation with Torx screws; increased theft protection when Tri-Wing screws are used

Dimensions
(H × W, mm)
1-gang: 86.0 × 110.0
2-gang: 157.0 × 110.0
3-gang: 229.0 × 110.0
4-gang: 300.5 × 110.0
Corner radius: R = 0.5

Material
thermoplastic (ASA), shock-resistant and shatter-proof, impervious to thrown balls, halogen-free, UV-resistant, weather-resistant, microbiologically safe

Behaviour under chemical loading according to German standard DIN 68 861, load group 1b (for the variants anthracite and aluminium)

Colours
Pure white (similar to RAL 9010),
anthracite (lacquered),
colour aluminium (lacquered)

Protection type
IP 44, IP 20

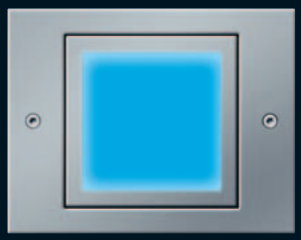
Design
Phoenix Design, Stuttgart

Gira TX_44, colour aluminium
Keyless In

1 Keypad
2 Transponder reader


1


2


6

7




8

Water-protected flush-mounted IP 44
Gira TX_44

Water-protected flush-mounted IP 44

Gira TX_44
Push switches 250
Switches and push buttons 251
Socket outlets 252
Automatic light 253
LED illumination 254
Blind controller 254
Time clock 304
Door communication system 255
Keyless In 256
Communication technology 256
Other 257
Cover frames 258

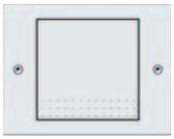
Flush-mounted inserts and accessories 270
Integration of System 55 in Gira TX_44 591

can be combined with:
Energy and light profiles 262

Flush-mounted switch ranges IP 44 259

Gira TX_44

3 Pure white
4 Colour aluminium
5 Anthracite



3



4



5

Gira TX_44,
colour aluminium

6
LED orientation light

7
Door station
with loudspeaker,
1-gang call button,
colour camera and
Keyless In Fingerprint,
integrated in a
Gira energy profile,
height 1,400 mm

8
Intermediate plate with
transparent hinged cover
and electronic time clock
from System 55,
colour aluminium

9
2-gang combination
push switch/SCHUKO socket
outlet with hinged cover



9

Push switches

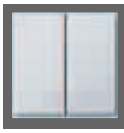
Push switch 10 A 250 V~ with rocker



	Order no.	Packing unit	PS
Universal off/2-way switch			
pure white	**0126 66**	1/5	13
anthracite	**0126 67**	1/5	13
colour aluminium	**0126 65**	1/5	13
Intermediate switch			
pure white	**0127 66**	1/5	13
anthracite	**0127 67**	1/5	13
colour aluminium	**0127 65**	1/5	13

With touch-activation operation.
If this switch is to be illuminated according to the workplace ordinance, please provide it with a control switch.
Theft-prevention implemented via optional screw-down clamp piece. This makes plugging of cover frame unnecessary.
Acoustic element with illumination 0935 00 → Page 291.

Push switch 10 A 250 V~ with series rockers



	Order no.	Packing unit	PS
Series switch			
pure white	**0125 66**	1/5	13
anthracite	**0125 67**	1/5	13
colour aluminium	**0125 65**	1/5	13
Double 2-way switch			
pure white	**0128 66**	1	13
anthracite	**0128 67**	1	13
colour aluminium	**0128 65**	1	13

With touch-activation operation.
Theft-prevention implemented via optional screw-down clamp piece. This makes plugging of cover frame unnecessary.

Control push switch 10 A 250 V~ with rocker



	Order no.	Packing unit	PS
Universal off/2-way switch			
pure white	**0136 66**	1/5	13
anthracite	**0136 67**	1/5	13
colour aluminium	**0136 65**	1/5	13
Circuit breaker 2-pole			
pure white	**0122 66**	1/5	13
anthracite	**0122 67**	1/5	13
colour aluminium	**0122 65**	1/5	13

With touch-activation operation. With neon lamp element 230 V~, 1.5 mA.
Can also be connected with illumination in compliance with the workplace ordinance.
Theft-prevention implemented via optional screw-down clamp piece. This makes plugging of cover frame unnecessary.
Glow lamp elements 0995 00, 0996 00, 0997 00 → Page 290.
LED illumination insert 0497 07, 0497 08, 0497 10, 0497 18, 0992 00, 1405 00 → Page 290.

Push button 10 A 250 V~ with vertical rocker



	Order no.	Packing unit	PS
2-way switch, 1-pole			
pure white	**0130 66**	1/5	13
anthracite	**0130 67**	1/5	13
colour aluminium	**0130 65**	1/5	13

Fits the push switches via vertical rocker positioning. With touch-activation operation.
Theft-prevention implemented via optional screw-down clamp piece. This makes plugging of cover frame unnecessary.

Push button 10 A/250 V~ with rocker with control window



	Order no.	Packing unit	PS
2-way switch, 1-pole			
pure white	**0120 66**	1/5	13
anthracite	**0120 67**	1/5	13
colour aluminium	**0120 65**	1/5	13

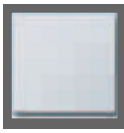
Fits the push switches via vertical rocker positioning. With touch-activation operation.
Can also be connected with illumination in compliance with the workplace ordinance.
Theft-prevention implemented via optional screw-down clamp piece. This makes plugging of cover frame unnecessary.
Glow lamp elements 0995 00, 0996 00, 0997 00 → Page 290.
LED illumination insert 0497 07, 0497 08, 0497 10, 0497 18, 0992 00, 1405 00 → Page 290.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Cover plates for switches and push buttons

The following cover plates and rockers are supplied without inserts. Please order separately → Page 275.



Rocker for rocker switches and push rockers

pure white	**0296 66**	5	13
anthracite	**0296 67**	1	13
colour aluminium	**0296 65**	5	13

Theft-prevention implemented via optional screw-down clamp piece. This makes plugging of cover frame unnecessary.
Inserts 0102 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 275.



Rocker with inscription space for rocker switches and push rockers

pure white	**0676 66**	1	13
anthracite	**0676 67**	1	13
colour aluminium	**0676 65**	1	13

Neutral inscription label is included. Inscription labels with „light", „bell" and „door" symbols are included.
Height of inscription label: 12 mm.
Theft-prevention implemented via optional screw-down clamp piece. This makes plugging of cover frame unnecessary.
Inserts 0102 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 275.
Inscription sheets 1450 00 → Page 294.



Rocker with symbol for rocker switches and push rockers

Light

pure white	**0285 66**	1	13
anthracite	**0285 67**	1	13
colour aluminium	**0285 65**	1	13

Bell

pure white	**0286 66**	1	13
anthracite	**0286 67**	1	13
colour aluminium	**0286 65**	1	13

Door

pure white	**0287 66**	1	13
anthracite	**0287 67**	1	13
colour aluminium	**0287 65**	1	13

Theft-prevention implemented via optional screw-down clamp piece. This makes plugging of cover frame unnecessary.
Inserts 0102 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 275.

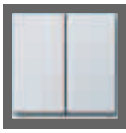


Rocker with bell symbol and inscription space for push rockers

Bell

pure white	**0673 66**	1	13
anthracite	**0673 67**	1	13
colour aluminium	**0673 65**	1	13

Theft-prevention implemented via optional screw-down clamp piece. This makes plugging of cover frame unnecessary.
Neutral inscription label is included.
Height of the inscription label: 12 mm
Inserts 0150 00, 0151 00, 0152 00, 0156 00 → Page 276.
Inscription sheets 1450 00 → Page 294.



Series rockers for rocker switches and push rockers

pure white	**0295 66**	1	13
anthracite	**0295 67**	1	13
colour aluminium	**0295 65**	1	13

Theft-prevention implemented via optional screw-down clamp piece. This makes plugging of cover frame unnecessary.
Inserts 0105 00, 0108 00, 0139 00, 0147 00, 0155 00 → Page 275.



Rockers with arrow symbol

pure white	**0294 66**	1	13
anthracite	**0294 67**	1	13
colour aluminium	**0294 65**	1	13

Blind button/switch inserts 0158 00, 0159 00 → Page 277.



Rocker with control window for rocker switches and push rockers

pure white	**0290 66**	5	13
anthracite	**0290 67**	1	13
colour aluminium	**0290 65**	1	13

Theft-prevention implemented via optional screw-down clamp piece. This makes plugging of cover frame unnecessary.
Inserts 0102 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 275.



Rocker labelled „Heizung Notschalter" and control window for control switch

pure white	**0678 66**	1	13
anthracite	**0678 67**	1	13
colour aluminium	**0678 65**	1	13

Theft-prevention implemented via optional screw-down clamp piece. This makes plugging of cover frame unnecessary.
Control switch inserts 0112 00, 0116 00 → Page 275.



Cover plate with knob for three-stage switch

	Order no.	Packing unit	PS
with zero setting			
pure white	**0669 66**	1	13
anthracite	**0669 67**	1	13
colour aluminium	**0669 65**	1	13

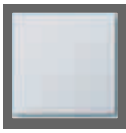
Three-stage switch insert 0149 00 → Page 289.



Hotel-card button 10 A/250 V~ with inscription space (IP 20)

	Order no.	Packing unit	PS
2-way switch, 1-pole			
pure white	**0140 66**	1	13
anthracite	**0140 67**	1	13
colour aluminium	**0140 65**	1	13

Not suitable for humid room installation, due to protection type IP 20.
The hotel-card button with removal protection can, for example, assume safety or energy-saving functions. When the hotel-card is removed, any devices which are still switched on are deactivated. The circuit is only activated via the push button once the card has been inserted.
During installation, the sealing flange of the cover frame must also be used.
Colour pure white: lacquered plastic
Additional models available on request.
Inscription sheets 1457 00 → Page 294.

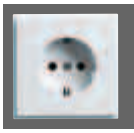


Blind cover plate

	Order no.	Packing unit	PS
pure white	**0268 66**	5	13
anthracite	**0268 67**	1	13
colour aluminium	**0268 65**	5	13

If used with cover frame, 1-gang **0211 65/66/67**, the cover frame must be plugged.

Socket outlets



SCHUKO socket outlet 16 A/250 V~ (IP 20)

	Order no.	Packing unit	PS
pure white	**0188 66**	1/5	13
anthracite	**0188 67**	1/5	13
colour aluminium	**0188 65**	1/5	13
with child protection and ⓘ symbol[1)]			
pure white	**0453 66**	1/5	13
anthracite	**0453 67**	1/5	13
colour aluminium	**0453 65**	1/5	13

Not for installation in humid rooms, due to protection type IP 20.
During installation, the sealing flange of the cover frame must be used.
[1)]Increased contact protection pursuant to VDE 0620.



SCHUKO socket outlet 16 A/250 V~ with inscription space (IP 20)

	Order no.	Packing unit	PS
with child protection and ⓘ symbol[1)]			
pure white	**0462 66**	1/5	13
anthracite	**0462 67**	1/5	13
colour aluminium	**0462 65**	1/5	13

Not for installation in humid rooms, due to protection type IP 20.
During installation, the sealing flange of the cover frame must be used.
Height of inscription label: 12 mm
[1)]Increased contact protection pursuant to VDE 0620.
Inscription sheets 1457 00 → Page 294.



SCHUKO socket outlet 16 A/250 V~ with hinged cover

	Order no.	Packing unit	PS
pure white	**0454 66**	1/5	13
anthracite	**0454 67**	1/5	13
colour aluminium	**0454 65**	1/5	13



SCHUKO socket outlet 16 A/250 V~ with hinged cover and inscription space

	Order no.	Packing unit	PS
pure white	**0410 66**	1/5	13
anthracite	**0410 67**	1	13
colour aluminium	**0410 65**	1/5	13

Height of the inscription label: 12 mm
Inscription sheets 1451 00 → Page 294.

The delivery results subject to countries specific assortments.



Lockable SCHUKO socket outlet 16 A/250 V~ with hinged cover with lock and inscription space

	Order no.	Packing unit	PS
sorted closures			
pure white	**0447 66**	1	13
anthracite	**0447 67**	1	13
colour aluminium	**0447 65**	1	13
with the same closures			
pure white	**0449 66**	1	13
anthracite	**0449 67**	1	13
colour aluminium	**0449 65**	1	13

With two keys.
Height of the inscription label: 12 mm
Inscription sheets 1450 00 → Page 294.



RDC protection socket, 30 mA with full cover plate for individual installation

	Order no.	Packing unit	PS
with child protection and symbol[1)]			
pure white	**0477 39**	1	03

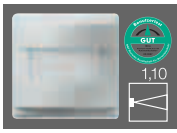
SCHUKO socket outlet with integrated FI (fault current) release principle pursuant to **DIN VDE 0664** for the detection of earth-bound fault currents. Stationary protection device with voltage-independent function.
Additional SCHUKO socket outlets can be connected to the connection wires, which are then included in the fault current protection.
Fit in any common 60 mm flush-mounted wall box.

Rated voltage:	230 V~ (AC)
Rated current:	16 A
Rated fault current:	30 mA
Ambient temperature:	-25 °C to +40 °C
Connection cross section:	1.5 to 2.5 mm^2

[1)]Increased contact protection pursuant to VDE 0620.

i 33

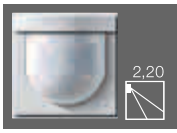
Automatic light



System 2000
Top unit automatic control switches

	Order no.	Packing unit	PS
Standard top unit			
pure white	**1300 66**	1/5	02
anthracite	**1300 67**	1/5	02
colour aluminium	**1300 65**	1/5	02
Comfort top unit			
pure white	**0661 66**	1	02
anthracite	**0661 67**	1	02
colour aluminium	**0661 65**	1	02

Functional description of standard top unit → Page 320.
Functional description of comfort top unit → Page 320.



System 2000
Top unit, automatic control switch 2 for high installation areas

	Order no.	Packing unit	PS
Standard top unit			
pure white	**2301 66**	1	02
anthracite	**2301 67**	1	02
colour aluminium	**2301 65**	1	02
Comfort top unit			
pure white	**2302 66**	1	02
anthracite	**2302 67**	1	02
colour aluminium	**2302 65**	1	02

Functional description of standard top unit for high installation areas → Page 321.
Functional description of comfort top unit for high installation areas → Page 322.

LED illumination



LED orientation light, 230 V~

	Order no.	Packing unit	PS
White LED illumination			
pure white	**1161 66**	1/5	13
anthracite	**1161 67**	1/5	13
colour aluminium	**1161 65**	1/5	13
Blue LED illumination			
pure white	**1162 66**	1/5	13
anthracite	**1162 67**	1/5	13
colour aluminium	**1162 65**	1/5	13
Orange LED illumination			
pure white	**1159 66**	1/5	13
anthracite	**1159 67**	1/5	13
colour aluminium	**1159 65**	1/5	13

LED orientation light for private and commercial use. The orientation light can be used, for example, to illuminate stairs, as an orientation guide in dark halls or as accent lighting on building walls. Either white, blue or orange LEDs are used as the light source, depending on the model. The LEDs require very little power and have a very long service life. The device is installed via a light outlet box or a normal flush-mounted panel box. For water-protected installation (IP 44), the orientation light must be installed in a flush-mounted panel box with a sealing ring (included in the scope of supply of the TX_44 cover frame).

Power supply:	230 V AC, 50 Hz
Power consumption:	0.85 W/5.6 VA
Light intensity:	0.8 cd (white) 0.3 cd (blue) 0.4 cd (orange)
Protection type:	IP 44 for installation with sealing ring in a flush-mounted panel box
Operating temperature:	-15 °C to +50 °C

i 19

Blind controller



Rockers with arrow symbol

	Order no.	Packing unit	PS
pure white	**0294 66**	1	13
anthracite	**0294 67**	1	13
colour aluminium	**0294 65**	1	13

Blind button/switch inserts 0158 00, 0159 00 → Page 277.



Cover plate with knob for blind switch/button and timer

	Order no.	Packing unit	PS
pure white	**0666 66**	1	13
anthracite	**0666 67**	1	13
colour aluminium	**0666 65**	1	13

This cover plate can be used universally via replacement of the accompanying symbol plates for blind (▲, ▼) and time (15 min, 120 min).

Blind button/switch inserts 0154 00, 0157 00 → Page 277.
Timer inserts 0320 00, 0321 00 → Page 277.



Cover plate for 2-pole key switches and 1-pole key switches

	Order no.	Packing unit	PS
pure white	**0664 66**	1	02
anthracite	**0664 67**	1	02
colour aluminium	**0664 65**	1	02

Key switch inserts 0144 00, 0163 00 → Page 277.
Profile semi-cylinder locks 0001 00, 0002 00, 0003 00 → Page 293.

Time switch



Cover plate with knob for timer and blind switch/push button

	Order no.	Packing unit	PS
pure white	**0666 66**	1	13
anthracite	**0666 67**	1	13
colour aluminium	**0666 65**	1	13

This cover plate can be used universally via replacement of the accompanying symbol plates for time (15 min, 120 min) and blind (▲, ▼).

Timer inserts 0320 00, 0321 00 → Page 277.
Blind button/switch inserts 0154 00, 0157 00 → Page 277.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Door communication system



Door station 1-gang

TX_44, white LED call button illumination

pure white	**1260 66**	1	18
anthracite	**1260 67**	1	18
colour aluminium	**1260 65**	1	18

Additional products in door communication system and functional description → Page 352.

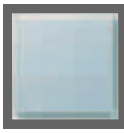


Door station 3-gang

TX_44, white LED call button illumination

pure white	**1261 66**	1	18
anthracite	**1261 67**	1	18
colour aluminium	**1261 65**	1	18

Additional products in door communication system and functional description → Page 352.

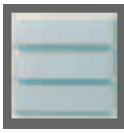


1-gang call button for door station

TX_44, white LED call button illumination

neutral	**1262 00**	1	18

Additional products in door communication system and functional description → Page 353.

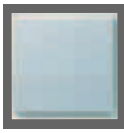


3-gang call button for door station

TX_44, white LED call button illumination

neutral	**1263 00**	1	18

Additional products in door communication system and functional description → Page 353.



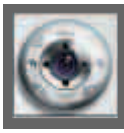
Info module for door station

White LED illumination

neutral	**1264 00**	1	18

Additional products in door communication system and functional description → Page 353.

	Order no.	Packing unit	PS



Colour camera for door station

pure white	**1265 66**	1	10
anthracite	**1265 67**	1	10
colour aluminium	**1265 65**	1	10

Additional products in door communication system and functional description → Page 354.

	Order no.	Packing unit	PS

Keyless In

As standalone device or in combination with the Gira door communication system, enables convenient door opening for authorised persons.



Keyless In Keypad

pure white	**2605 66**	1	10
anthracite	**2605 67**	1	10
colour aluminium	**2605 65**	1	10

For use as a separate device or in the Gira door communication system. Functional description → Page 382.



Keyless In Fingerprint reader

pure white	**2607 66**	1	10
anthracite	**2607 67**	1	10
colour aluminium	**2607 65**	1	10

For use as a separate device or in the Gira door communication system. Functional description → Page 383.



Keyless In Transponder reader

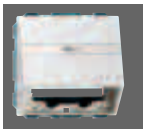
pure white	**2606 66**	1	10
anthracite	**2606 67**	1	10
colour aluminium	**2606 65**	1	10
Programming card			
orange	**2608 00**	1	10
Transponder key active			
black	**2609 00**	1	10
Transponder card passive			
black/silver	**2611 00**	1	18

For use as a separate device or in the Gira door communication system. Functional description → Page 384.

	Order no.	Packing unit	PS

Communication Technology

When combining IP 44 products with IP 20 products, the entire product has a protection level of IP 20.

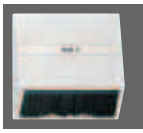


Data cap with support ring and inscription space for data and communication connection-technology inserts (IP 20)

pure white	**0870 66**	1/5	13
anthracite	**0870 67**	1/5	13
colour aluminium	**0870 65**	1/5	13

Not for installation in humid rooms, due to protection type IP 20.
For screw attachment only.
For vertical and 30° tilted socket outlet.
Colour pure white: lacquered plastic
Inscription sheets 1457 00 → Page 294.

i 11



Attachable covering cap for device with cover plate (50 x 50 mm) and angled socket outlet (IP 20)

pure white	**0682 66**	1/5	13
anthracite	**0682 67**	1/5	13
colour aluminium	**0682 65**	1/5	13

Not for installation in humid rooms, due to protection type IP 20.
With covering cap and cover frame (1 to 5-gang), devices of other manufacturers with a square central plate (50 x 50 mm), e.g. Alcatel, AMP Econo Link System, Brand-Rex, BTR, Kannegieter BICC Brand Rex, Krone, Molex, Reichle de Massari, Rutenbeck, Schumann Netzwerktechnik RJ 45 connection box Cat.5 BICC, Siemens ICCS 100 and 300, Telegärtner, Telenorma, TKM, Quante, Panduit (2-gang MSCSP 2) etc. can be integrated in TX_44.
Colour pure white: lacquered plastic
Cover plate for UAE/IAE (ISDN) 0270 .., 0284 .. → Page 64.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

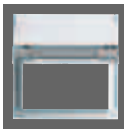
Other



Intermediate plate with hinged cover

pure white	**0654 66**	5	13
anthracite	**0654 67**	1	13
colour aluminium	**0654 65**	5	13

For integration of the plug-and-socket outlets from System 55, such as TAE, UAE, loudspeaker, SCHUKO socket outlets with child protection, SV, ZSV, WSV etc.
Suitable for:
all SCHUKO socket outlets from System 55
(Exception:
SCHUKO socket outlet with hinged cover, RCD protection socket outlet) and other plug-and-socket outlets from System 55 according to the overview i17.



Intermediate plate with hinged cover and inscription space

pure white	**0680 66**	1	13
anthracite	**0680 67**	1	13
colour aluminium	**0680 65**	1	13

Height of the inscription label: 12 mm.
For integration of the plug-and-socket outlets from System 55, such as TAE, UAE, loudspeaker, SCHUKO outlets with child protection, SV, ZSV, WSV etc.
Suitable for:
all SCHUKO socket outlets from System 55
(Exception:
SCHUKO socket outlet with hinged cover, RCD protection socket outlet) and other plug-and-socket outlets from System 55 according to the overview i17.
Inscription sheets 1451 00 → Page 294.



Lockable intermediate plate with hinged cover with lock and inscription space

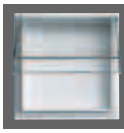
sorted closures

pure white	**0694 66**	1	13
anthracite	**0694 67**	1	13
colour aluminium	**0694 65**	1	13

with the same closures

pure white	**0697 66**	1	13
anthracite	**0697 67**	1	13
colour aluminium	**0697 65**	1	13

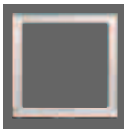
Height of the inscription label: 12 mm.
For integration of the plug-and-socket outlets from System 55, such as TAE, UAE, loudspeaker, SCHUKO outlets with child protection, SV, ZSV, WSV etc.
Suitable for:
all SCHUKO socket outlets from System 55
(Exception:
SCHUKO socket outlet with hinged cover, RCD protection socket outlet) and other plug-and-socket outlets from System 55 according to the overview i17.
Inscription sheets 1450 00 → Page 294.



Intermediate plate with transparent hinged cover

pure white	**0409 66**	1	13
anthracite	**0409 67**	1	13
colour aluminium	**0409 65**	1	13

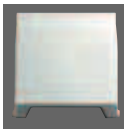
For integration of the electronic devices from System 55, e.g. blind controller, time delay switch, push button sensor, push button sensor 2 etc.
Note temperature range of electronic inserts if installed outdoors.
Fits:
electronic devices from System 55 according to the overview i17.



Intermediate plate with square cut-out (55 x 55 mm) (IP 20)

pure white	**0289 66**	1	13
anthracite	**0289 67**	1	13
colour aluminium	**0289 65**	5	13

Not suitable for installation in humid rooms, due to protection type IP 20.
Using this intermediate plate and cover frame (1 to 4-gang), products from System 55 can be integrated into TX_44. (hotel-card button, RCD (residual-current device) protection socket outlet, data interface, data cap, attachable covering cap, home station Standard with receiver cannot be integrated with this intermediate plate.)



Attachable covering cap with intermediate plate (55 x 55 mm) (IP 20) for e.g. plug-and-socket outlets of System 55

pure white	**1163 66**	1/5	13
anthracite	**1163 67**	1/5	13
colour aluminium	**1163 65**	1/5	13

Not for installation in humid rooms, due to protection type IP 20.
Using this covering cap with intermediate plate (55 x 55 mm) and cover frame (1 to 4-gang), plug-and-socket outlets from System 55 can be integrated into TX_44. Using the intermediate plate with a square cut-out (50 x 50 mm) **0282 ..**, devices from other manufacturers can also be integrated.
Sampling the products is highly recommended.
Intermediate plate 0282 .. → Page 62.



Blind cover plate

pure white	**0268 66**	5	13
anthracite	**0268 67**	1	13
colour aluminium	**0268 65**	5	13

If used with cover frame, 1-gang **0211 65/66/67**, the cover frame must be plugged.

	Order no.	Packing unit	PS

Torx screw set

1402 00	1	09

Scope of supply: 30 screws
Fit Torx screwdrivers T9 and T10.
Cover frames TX_44, 1 to 4-gang, 0211 65/66/67 to 0214 65/66/67 → Page 258.

Screw set for clamp piece

1403 00	1	09

Scope of supply: 30 screws
For screwing in the clamp pieces of push switch, rocker switch and push rocker cover plates of Gira TX_44. This makes plugging of cover frame unnecessary.
TX_44 push switches → Page 250.
TX_44 cover plates for switches and push buttons → Page 251.

Tri-Wing screw set

1407 00	1	09

Tri-Wing screw set for increased theft protection.
Scope of supply: 30 screws.
Fit Tri-Wing screwdrivers.
Cover frames TX_44, 1 to 4-gang, 0211 65/66/67 to 0214 65/66/67 → Page 258.
Flush-mounted door station 1260 .., 1261 .. → Page 352.
Surface-mounted door station 1266 .., 1267 .., 1268 .., 1269 .., 1270 .. → Page 358.
Tri-Wing screwdriver 1408 00 → Page 258.

Tri-Wing screwdriver

1408 00	1	09

Fits Tri-Wing screws **1407 00**.
Tri-Wing screw set 1407 00 → Page 258.

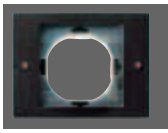
	Order no.	Packing unit	PS

Cover frames for combinations vertical and horizontal, shatter-proof, with sealing flange for 58 mm panel box central inserts are protected against removal



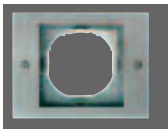
1-gang pure white	**0211 66**	5	13
2-gang pure white	**0212 66**	5	13
3-gang pure white	**0213 66**	5	13
4-gang pure white	**0214 66**	1	13

Shatter-proof.
Cover frames are easy to install without tools; removal requires a Torx screwdriver T9 or T10. Attachment with plugs is possible. Central inserts protected against removal. i 16



1-gang anthracite	**0211 67**	5	13
2-gang anthracite	**0212 67**	5	13
3-gang anthracite	**0213 67**	5	13
4-gang anthracite	**0214 67**	1	13

Shatter-proof.
Cover frames are easy to install without tools; removal requires a Torx screwdriver T9 or T10. Attachment with plugs is possible. Central inserts protected against removal. i 16



1-gang colour aluminium	**0211 65**	5	13
2-gang colour aluminium	**0212 65**	5	13
3-gang colour aluminium	**0213 65**	5	13
4-gang colour aluminium	**0214 65**	1	13

Shatter-proof.
Cover frames are easy to install without tools; removal requires a Torx screwdriver T9 or T10. Attachment with plugs is possible. Central inserts protected against removal. i 16

The delivery results subject to countries specific assortments.

Water-protected flush-mounted IP 44
Standard 55, E2, F100, Stainless Steel Series 21

Water-protected

Flush-mounted IP 44
SCHUKO socket outlets
Standard 55 260
Sealing sets IP 44 260

Suitable switch ranges
Standard 55 80
E2 86
Stainless Steel Series 21 180
F100 182

Flush-mounted inserts and accessories 270

Standard 55, E2, F100 and Stainless Steel Series 21
All switches, push buttons and SCHUKO socket outlets with hinged covers from the Gira Standard 55, E2, Stainless Steel Series 21 switch ranges and the Gira F100 can be installed water-protected according to the protection type IP 44 using special sealing sets.

This enables uniform installation in all building areas.

Complete IP 44 set
The 1-gang and 2-gang SCHUKO socket outlets with hinged covers from the Gira Standard 55 switch range in pure white glossy and cream white glossy are now also available together with cover frames and sealing sets as a 1-gang or 2-gang complete set for water-protected installation in accordance with IP44. That simplifies ordering and processing.

Gira Standard 55
Complete set IP 44, consisting of
SCHUKO socket outlet with hinged cover,
sealing set and cover frame
1 Complete set, 1-gang, pure white glossy
2 Complete set, 2-gang, pure white glossy


1


2

3
SCHUKO socket outlet
with LED with hinged cover
and sealing set IP 44
Gira E2,
pure white glossy

SCHUKO socket outlet
with hinged cover and
sealing set IP 44

4
Gira F100,
pure white glossy

5
Gira Stainless Steel
Series 21


3


4


5

Socket outlets



SCHUKO socket outlet 16 A/250 V~ with hinged cover, including sealing set IP 44 and cover frame Standard 55

	Order no.	Packing unit	PS
Standard 55, 1-gang			
cream white glossy	**1157 01**	1	01
pure white glossy	**1157 03**	1	01
Standard 55, 2-gang			
cream white glossy	**1158 01**	1	01
pure white glossy	**1158 03**	1	01

Set of SCHUKO socket outlets with hinged cover, sealing set IP 44 and cover frame Standard 55.

Sealing sets IP 44 for other switch ranges



Sealing set IP 44 for rocker switches and push rockers

	Order no.	Packing unit	PS
Standard 55, E2			
	0251 27	5	01

In conjunction with the sealing set and Standard 55 cover frame, 1 to 5-gang and E2 cover frame, 1 to 5-gang, rocker switches and push rockers from System 55 can be installed water-protected and flush-mounted IP 44 (not for series or double 2-way switches).
Cover frame Standard 55, 1 to 5-gang → Page 82.
Cover frame E2, 1 to 5-gang → Page 88.



Sealing set IP 44 for rocker switches and push rockers

	Order no.	Packing unit	PS
Stainless Steel Series 21			
	0251 20	5	01

In conjunction with the sealing set and cover frames of Stainless Steel Series 21, 1 to 5-gang, rocker switches and push rockers can be installed water-protected and flush-mounted IP 44 (not for series or 2-way switches).
Cover frame Stainless Steel Series 21, 1 to 5-gang, 0211 21, 0212 21, 0213 21, 0214 21, 0215 21 → Page 181.



Series rockers with sealing set IP 44 for rocker switches and push rockers

	Order no.	Packing unit	PS
Standard 55, E2			
cream white glossy	**0266 01**	1/5	01
pure white glossy	**0266 03**	1/5	01
pure white matt	**0266 27**	1/5	01
anthracite	**0266 28**	1/5	11
colour aluminium	**0266 26**	1/5	11

Series or double 2-way switches from System 55 can be installed as water-protected, flush-mounted IP 44 in conjunction with the cover frame Standard 55, 1 to 5-gang and cover frames E2, 1 to 5-gang. Scope of supply: Sealing set complete with series rockers for rocker switches and push rockers.
Cover frame Standard 55, 1 to 5-gang → Page 82.
Cover frame E2, 1 to 5-gang → Page 88.
Inserts 0105 00, 0108 00, 0139 00, 0147 00, 0155 00 → Page 275.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Sealing set IP 44 for socket outlets with hinged cover

Standard 55, E2

0252 27	5	01

In conjunction with the sealing set and Standard 55 cover frame, 1 to 5-gang, and E2 cover frame, 1 to 5-gang, SCHUKO socket outlets with a hinged cover and socket outlets with an earth pin and hinged cover from System 55 can be installed water-protected and flush-mounted IP 44.

SCHUKO socket outlet with hinged cover 0414 .., 0454 .. → Page 44.
Socket outlet with earth pin and hinged cover 0488 .. → Page 40.
Socket outlet with CEBEC earth pin and hinged cover 0488 .. → Page 40.
Cover frame Standard 55, 1 to 5-gang → Page 82.
Cover frame E2, 1 to 5-gang → Page 88.



Sealing set IP 44 for socket outlets with hinged cover

Stainless Steel Series 21

0252 20	5	01

In conjunction with the sealing set and cover frames of Stainless Steel Series 21, 1 to 5-gang, SCHUKO socket outlets with a hinged cover and socket outlets with earth pin and hinged cover can be installed water-protected and flush-mounted IP44.

Stainless-steel SCHUKO socket outlet with hinged cover 0454 20 → Page 143.
Stainless-steel socket outlet with earth pin and hinged cover 0488 20
Stainless-steel socket outlet with earth pin and hinged cover 0488 20 → Page 142.
Cover frame Stainless Steel Series 21, 1 to 5-gang, 0211 21, 0212 21, 0213 21, 0214 21, 0215 21 → Page 181.



IP 44 sealing flange

Gira F100

2790 111	5	01

In conjunction with the sealing flange and cover frames Gira F100, 1 to 5-gang, many Gira F100 products can be installed as water-protected, flush-mounted IP 44.

IP 44-capable products:
0104 119, 0285 .., 0286 .., 0287 .., 0290 .., 0294 .., 0295 .., 0296 .., 0410 .., 0414 .., 0415 119, 0416 119, 0439 .., 0454 .., 0488 .., 0631 .., 0650 .., 0652 .., 0664 .., 0670 .., 0674 .., 0676 .., 0678 .., 0679 .., 1104 .., 1150 .., 2750 119, 2751 119, 2752 119 → Page 184.

The Gira energy profiles expand the outdoor electrical installation. They can be positioned exactly where light and connections are required – whether on the terrace or in the middle of the garden. This prevents bothersome extension cables and simplifies the use of electric tools and leisure devices outdoors.

The Gira energy profiles with empty units can also be equipped with the water-protected Gira TX_44 switch range exactly as needed. The Gira door intercoms and Gira Keyless In devices can also be integrated.

Dimensions (H × W × D, mm)
Energy profiles:
491 × 142 × 75
1400 × 142 × 75
1600 × 142 × 75
Energy profile with light element:
769 × 142 × 75
Light profiles:
491 × 142 × 75
769 × 142 × 75
Base:
10 × 299 × 155

Protection type
IP 44

Profile material
Powder-coated aluminium (anthracite according to GSB standard)

Device unit material
Thermoplastic (ASA)

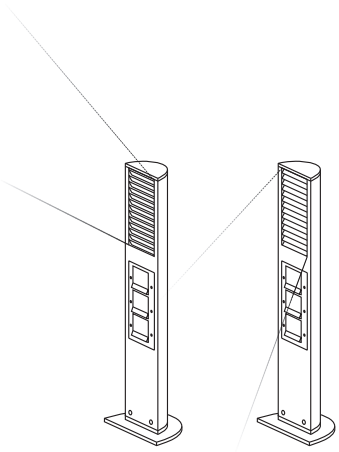
Colours
Anthracite (lacquered), colour aluminium (lacquered)

Design
Phoenix Design, Stuttgart

Design awards
Gira door communication profile
iF product design award 2003,
iF Design Hannover

red dot award 2003,
best of the best,
Design Zentrum NRW

Product information
www.gira.com/brochures





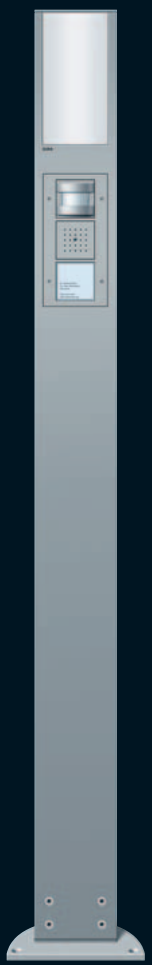
1



2



3



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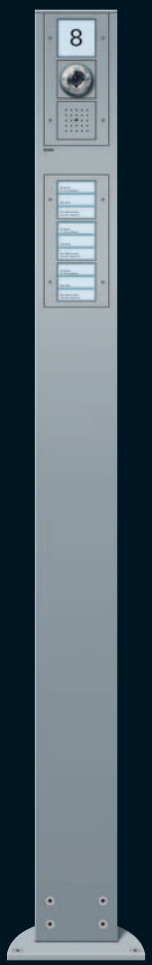
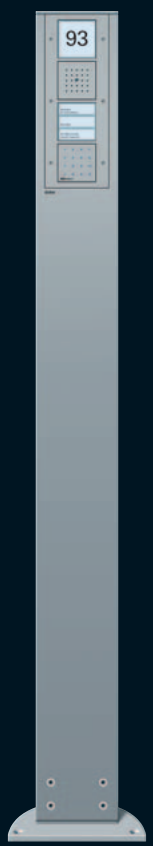


5



6

1
Energy profile
Height 491 mm

2
Light profile
Height 491 mm

3
Light profile
Height 769 mm
with slat element

4
Energy profile
Height 1600 mm
with light element,
equipped with
automatic control switch
and door station, 1-gang

5
Energy profile
Height 1600 mm,
equipped with info module,
colour camera,
door station 3-gang and
2 additional 3-gang call buttons

6
Energy profile
Height 1400 mm,
equipped with info module,
door station 3-gang and Keyless In Keypad

Gira energy and light profiles

Gira energy and light profiles

Energy profiles	264
LED illumination	269
Accessories	269
Gira TX_44 inserts	248
Flush-mounted inserts and accessories	270

7 Colour aluminium
8 Anthracite



7



8



Energy profiles

Energy profile with 3 empty units
Height: 491 mm

	Order no.	Packing unit	PS
Not outfitted			
anthracite	**1345 28**	1	17
colour aluminium	**1345 26**	1	17



Freely-configurable energy profile for outdoor areas. Column and base made of powder-coated aluminium (colour: anthracite according to GSB standard). The three empty units can be outfitted with device inserts from the TX_44 or System 55 range by customers (3-gang cover frame TX_44 included in scope of supply). The surface is weather and UV-proof and resistant to soiling and scratching. Installed on a stone or concrete base or with the optional underground tube. Single-plug attachment. The mounting materials are included in the scope of supply.

Dimensions:

Base:	W x H x D 229 x 10 x 155 mm
Profiles:	W x H x D 142 x 491 x 75 mm
Protection type:	IP 44 (device cover closed)

Integration of TX_44 components → Page 250.
Integration of System 55 components according to the overview i17.

Underground tube 1340 00 → Page 269.

Recommendation for installation before or in profile:
RCD protection switch 0114 .. → Page 46.

i 20

Energy profile with lighting element and 3 empty units
Height: 769 mm

	Order no.	Packing unit	PS
Not outfitted			
anthracite	**1349 28**	1	17
colour aluminium	**1349 26**	1	17



Freely-configurable energy profile with lighting element for outdoor areas. Column and base made of powder-coated aluminium (colour: anthracite according to GSB standard). The lighting element consists of an aluminium reflector and an impact-resistant acrylic glass plate. Light is also emitted from the rear as orientation illumination. A common power-saving lamp with E27 threading is used as the light source (we recommend RADIUM Ralux® RX-Q, RX-QS, RX-E, OSRAM Dulux® EL, EL Facility, PHILIPS PLE-L). **A light source is not included in the scope of supply.** The three empty units can be outfitted with device inserts from the TX_44 or System 55 range by customers (3-gang cover frame TX_44 included in scope of supply). The surface is weather and UV-proof and resistant to soiling and scratching. Installed on a stone or concrete base or with the optional underground tube. Single-plug attachment. The mounting materials are included in the scope of supply.

Dimensions:

Base:	W x H x D 229 x 10 x 155 mm
Profiles:	W x H x D 142 x 769 x 75 mm
Protection type:	IP 44 (device cover closed)

Integration of TX_44 components → Page 250.
Integration of System 55 components according to the overview i17.

Underground tube 1340 00 → Page 269.
Slat 1346 .. → Page 269.

Recommendation for installation before or in profile:
RCD protection switch 0114 .. → Page 46.

i 20

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS
Energy profile with 6 empty units Height: 769 mm			
Not outfitted			
anthracite	**1351 28**	1	17
colour aluminium	**1351 26**	1	17



Freely-configurable energy profile for outdoor areas. Column and base made of powder-coated aluminium (colour: anthracite according to GSB standard). The six empty units can be outfitted with device inserts from the TX_44 or System 55 range by customers (two 3-gang cover frames TX_44 included in scope of supply). The surface is weather and UV-proof and resistant to soiling and scratching. Installed on a stone or concrete base or with the optional underground tube. Single-plug attachment. The mounting materials are included in the scope of supply.

Dimensions:

Base:	W x H x D 229 x 10 x 155 mm
Profiles:	W x H x D 142 x 769 x 75 mm
Protection type:	IP 44 (device cover closed)

Integration of TX_44 components → Page 250.
Integration of System 55 components according to the overview i17.

Underground tube 1340 00 → Page 269.

Recommendation for installation before or in profile:
RCD protection switch 0114 .. → Page 46.

i 20

	Order no.	Packing unit	PS
Energy profile with 4 empty units Height: 1400 mm			
Not outfitted			
anthracite	**1354 28**	1	17
colour aluminium	**1354 26**	1	17



Freely-configurable energy profile for outdoor areas. Profile made of powder-coated aluminium. Base made of powder-coated steel (colour: anthracite pursuant to GSB standard). The four empty units can be outfitted with device inserts from the TX_44 or System 55 range by customers (4-gang cover frame TX_44 included in scope of supply). Any required electrical isolation of mains and low voltage can be implemented with the accompanying accessories. The surface is weather and UV-proof and resistant to soiling and scratching. Mounting occurs on a stone or concrete base with three heavy-duty plugs. The mounting materials are included in the scope of supply.

Dimensions:

Base:	W x H x D 229 x 10 x 155 mm
Profiles:	W x H x D 142 x 1400 x 75 mm
Protection type:	IP 44 (device cover closed)

Integration of devices for the door communication system → Page 352.
Integration of TX_44 components → Page 250.
Integration of System 55 components according to the overview i17.

Recommendation for installation before device:
RCD protection switch 0114 .. → Page 46.

i 20

	Order no.	Packing unit	PS
Energy profile with 4 empty units Height: 1600 mm			
Not outfitted			
anthracite	**1356 28**	1	17
colour aluminium	**1356 26**	1	17



Freely-configurable energy profile for outdoor areas. Profile made of powder-coated aluminium. Base made of powder-coated steel (colour: anthracite pursuant to GSB standard). The four empty units can be outfitted with device inserts from the TX_44 or System 55 range by customers (4-gang cover frame TX_44 included in scope of supply). Any required electrical isolation of mains and low voltage can be implemented with the accompanying accessories. The surface is weather and UV-proof and resistant to soiling and scratching. Mounting occurs on a stone or concrete base with three heavy-duty plugs. The mounting materials are included in the scope of supply.

Dimensions:

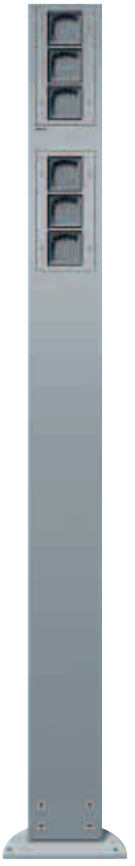
Base:	W x H x D 229 x 10 x 155 mm
Profiles:	W x H x D 142 x 1600 x 75 mm
Protection type:	IP 44 (device cover closed)

Integration of devices for the door communication system → Page 352.
Integration of TX_44 components → Page 250.
Integration of System 55 components according to the overview i17.

Recommendation for installation before device:
RCD protection switch 0114 .. → Page 46.

i 20

	Order no.	Packing unit	PS
Energy profile with 6 empty units Height: 1600 mm			
Not outfitted			
anthracite	**1355 28**	1	17
colour aluminium	**1355 26**	1	17



Freely-configurable energy profile for outdoor areas. Profile made of powder-coated aluminium. Base made of powder-coated steel (colour: anthracite pursuant to GSB standard). The six empty units can be outfitted with device inserts from the TX_44 or System 55 range by customers (two 3-gang cover frames TX_44 included in scope of supply). Any required electrical isolation of mains and low voltage can be implemented with the accompanying accessories. The surface is weather and UV-proof and resistant to soiling and scratching. Mounting occurs on a stone or concrete base with three heavy-duty plugs. The mounting materials are included in the scope of supply.

Dimensions:

Base:	W x H x D 229 x 10 x 155 mm
Profiles:	W x H x D 142 x 1600 x 75 mm
Protection type:	IP 44 (device cover closed)

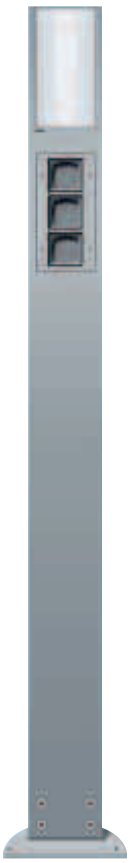
Integration of devices for the door communication system → Page 352.
Integration of TX_44 components → Page 250.
Integration of System 55 components according to the overview i17.

Recommendation for installation before device:
RCD protection switch 0114 .. → Page 46.

i 20

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS
Energy profile with lighting element and 3 empty units Height: 1600 mm			
Not outfitted			
anthracite	**1353 28**	1	17
colour aluminium	**1353 26**	1	17



Freely-configurable energy profile with lighting element for outdoor areas. Profile made of powder-coated aluminium. Base made of powder-coated steel (colour: anthracite pursuant to GSB standard). The lighting element consists of an aluminium reflector and an impact-resistant acrylic glass plate. Light is also emitted from the rear as orientation illumination. A common power-saving lamp with E27 threading is used as the light source (we recommend RADIUM Ralux® RX-Q, RX-QS, RX-E, OSRAM Dulux® EL, EL Facility, PHILIPS PLE-L). **A light source is not included in the scope of supply.** The three empty units can be outfitted with device inserts from the TX_44 or System 55 range by customers (3-gang cover frame TX_44 included in scope of supply). Any required electrical isolation of mains and low voltage can be implemented with the accompanying accessories. The surface is weather and UV-proof and resistant to soiling and scratching. Mounting occurs on a stone or concrete base with three heavy-duty plugs. The mounting materials are included in the scope of supply.

Dimensions:

Base:	W x H x D 229 x 10 x 155 mm
Profiles:	W x H x D 142 x 1600 x 75 mm
Protection type:	IP 44 (device cover closed)

Integration of devices for the door communication system → Page 352.
Integration of TX_44 components → Page 250.
Integration of System 55 components according to the overview i17.

Slat 1346 .. → Page 269.

Recommendation for installation before device:
RCD protection switch 0114 .. → Page 46.

i 20

	Order no.	Packing unit	PS
Light profile Height: 491 mm			
anthracite	**1344 28**	1	17
colour aluminium	**1344 26**	1	17



Light profile for outdoor areas. Column and base made of powder-coated aluminium (colour: anthracite according to GSB standard). The lighting element consists of an aluminium reflector and an impact-resistant acrylic glass plate. Light is also emitted from the rear as orientation illumination. A common power-saving lamp with E27 threading is used as the light source (we recommend RADIUM Ralux® RX-Q, RX-QS, RX-E, OSRAM Dulux® EL, EL Facility, PHILIPS PLE-L). **A light source is not included in the scope of supply.** The surface is weather and UV-proof and resistant to soiling and scratching. Installed on a stone or concrete base or with the optional underground tube. The connection is made via a 5-pole screw terminal for rigid and flexible lines up to 4 mm^2. Single-plug attachment. The mounting materials are included in the scope of supply.
Dimensions:
Base: W x H x D 229 x 10 x 155 mm
Profiles: W x H x D 142 x 491 x 75 mm
Protection type:IP 44
Underground tube 1340 00 → Page 269.
Slat 1346 .. → Page 269.
i 20

	Order no.	Packing unit	PS
Light profile Height: 769 mm			
anthracite	**1343 28**	1	17
colour aluminium	**1343 26**	1	17



Light profile for outdoor areas. Column and base made of powder-coated aluminium (colour: anthracite according to GSB standard). The lighting element consists of an aluminium reflector and an impact-resistant acrylic glass plate. Light is also emitted from the rear as orientation illumination. A common power-saving lamp with E27 threading is used as the light source (we recommend RADIUM Ralux® RX-Q, RX-QS, RX-E, OSRAM Dulux® EL, EL Facility, PHILIPS PLE-L). **A light source is not included in the scope of supply.** The surface is weather and UV-proof and resistant to soiling and scratching. Installed on a stone or concrete base or with the optional underground tube. The connection is made via a 5-pole screw terminal for rigid and flexible lines up to 4 mm^2. Single-plug attachment. The mounting materials are included in the scope of supply.
Dimensions:
Base: W x H x D 229 x 10 x 155 mm
Profiles: W x H x D 142 x 769 x 75 mm
Protection type:IP 44
Underground tube 1340 00 → Page 269.
Slat 1346 .. → Page 269.
i 20

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

LED illumination



LED orientation light, 230 V~

White LED illumination			
anthracite	**1161 67**	1/5	13
colour aluminium	**1161 65**	1/5	13
Blue LED illumination			
anthracite	**1162 67**	1/5	13
colour aluminium	**1162 65**	1/5	13
Orange LED illumination			
anthracite	**1159 67**	1/5	13
colour aluminium	**1159 65**	1/5	13

LED orientation light for private and commercial use. The orientation light can be used, for example, to illuminate stairs, as an orientation guide in dark halls or as accent lighting on building walls. Either white, blue or orange LEDs are used as the light source, depending on the model. The LEDs require very little power and have a very long service life. The device is installed via a light outlet box or a normal flush-mounted panel box. For water-protected installation (IP 44), the orientation light must be installed in a flush-mounted panel box with a sealing ring (included in the scope of supply of the TX_44 cover frame).

Power supply:	230 V AC, 50 Hz
Power consumption:	0.85 W/5.6 VA
Light intensity:	0.8 cd (white) 0.3 cd (blue) 0.4 cd (orange)
Protection type:	IP 44 for installation with sealing ring in a flush-mounted panel box
Operating temperature:	-15 °C to +50 °C

Cover frames TX_44, 1 to 4-gang, 0211 65/66/67 to 0214 65/66/67 → Page 258.

i 19

	Order no.	Packing unit	PS

Accessories

Underground tube

	1340 00	1	17

Underground tube made of hot-galvanised steel sheeting for anchoring the energy profiles. The underground tube allows mounting of the energy profiles on soft ground, without having to set up a foundation. The underground tube is cemented into the soil. The corresponding profile foot is then attached to the underground tube.

Energy profile (491 mm, 3 x empty) 1345 .. → Page 264.
Energy profile with lighting element (769 mm, 3 x empty) 1349 .. → Page 264.
Energy profile (769 mm, 6 x empty) 1351 .. → Page 265.
Light profile (491 mm) 1344 .. → Page 268.
Light profile (769 mm) 1343 .. → Page 268.

Slats

anthracite	**1346 28**	1	17
colour aluminium	**1346 26**	1	17

Aluminium slats with transparent plate. The lighting element of the energy profiles can be changed individually using the slats. It is simply exchanged with the standard diffusing plate. As the slats can be inserted in both directions, the light can be directed toward an object or a path.

Energy profile with lighting element (769 mm, 3 x empty) 1349 .. → Page 264.
Energy profile with lighting element (1600 mm, 3 x empty) 1353 .. → Page 267.
Light profile (491 mm) 1344 .. → Page 268.
Light profile (769 mm) 1343 .. → Page 268.

For all Gira switch ranges: Flush-mounted inserts and other accessories for switching, pressing and dimming.

Rocker switch and push rocker inserts are supplied without rockers. This corresponds to the modular principle and also applies to timers, key switches and all electronic products. The cover plates and top units must be ordered separately.

With the Gira LEDOTRON control device, compact fluorescent lamps and LED lights can be conveniently dimmed using LEDOTRON technology – completely without undesired effects, which often occur when using leading-edge or trailing-edge dimmers, such as flickering or unsteady dimming sequences.

A light touch is enough to operate the Gira Touchdimmer, as it uses capacitive sensor technology. The desired brightness level can easily be set by touching the LED dots. It can jump directly from being switched off to any desired dimming level.

The series dimmer is a touch dimmer with two independent universal dimming channels. These can be very conveniently controlled either separately or together with a touch operating surface. The series dimmer can control different load types via each of the two channels, e.g. electronic and inductive transformers.

New. **Flat operating top units with precise switch feedback**
Due to their flat design, the new switching and dimming top units in Gira System 2000 integrate harmoniously in the frames of the Gira switch ranges. Short actuating strokes ensure comfortable and precise switch feedback.

Advantages
Can be combined with all Gira switch ranges

Flexibility thanks to the modular principle – can easily be replaced and recombined at a later time

New. Integration in the Gira eNet radio system

Touchdimmer advantages
Capacitive sensor technology enables operation with a light touch

Fine adjustment of the brightness value possible through nine dimming levels

Integrated LED illuminates for orientation in the dark

Comfortable memory function, easily adjustable with 4-second setting time

Product information
www.gira.com/brochures

Advantages of the series dimmer
Equipped with two universal dimming channels for switching and dimming various light sources including light bulbs, HV halogen, LV halogen with Gira Tronic transformers or LV halogen with conventional transformers

Perfect for retrofitting:
A series switch can be replaced with a series dimmer.

Lamp-protecting soft start

Separate storing of a memory setting value for each channel

Product information
www.gira.com/brochures

Advantages of LEDOTRON control device
Standard-compliant, flicker-free dimming of LED lights and energy-saving lamps

Existing mains cables can be used

Easy to install and immediately ready for operation

Product information
www.gira.com/brochures

Touchdimmer,
Gira E2,
pure white glossy





4



5



6

Switching, pressing, dimming
Flush-mounted inserts and accessories

Switching, pressing, dimming

Push switches	275
Rocker switches	275
Push rockers	276
Pull switches/pull-cord buttons	276
Blind switch/key switch	277
Time switch	277
System 2000	278
Dimmers	283
LEDOTRON control device	287
Three-stage switch/ speed regulator	289
Speed regulator insert	289
Power boosts	289
Glow lamp elements	290
Illumination inserts	291
Light signal and accessories	292
Replacement fuses	293
Other	293
Inscription sheets/ inscription software	294

1 Automatic stairway lighting mechanism

2 System 2000
Universal dimming insert
(touch dimmer)

3 DALI Tronic transformer


1


2


3

Gira F100,
pure white glossy

4
Rocker switch

5
Rotary dimmer

6
Series dimmer

7
Rocker switch insert
Double 2 way

8
Gira LEDOTRON
control device

9
Universal series
dimmer insert
(touch dimmer)


7



8



9

		Order No.	System 2000 inserts  Triac switch insert Light bulbs, HV halogen, LV halogen for wound transformer 40 – 400 W/VA Page 280 0854 00	 Tronic switch insert Light bulbs, HV halogen, LV halogen for Gira Tronic transformer 50 – 420 W Page 280 0866 00	 Relay insert Light bulbs, fluorescent lamps, halogen lamps ≤ 2300 W Page 281 0853 00	 Relay insert zero-voltage Light bulbs, HV halogen ≤ 800 W Page 281 1148 00
	**Auto. control switch, Standard top unit** Low installation area up to 1.10 m High installation area up to 2.20 m Page 320/321	**1300 ..** **1301 4.**	switching	switching	switching	switching
	**Auto. control switch, Comfort top unit** Low installation area up to 1.10 m High installation area up to 2.20 m Page 320/322	**0661 ..** **0671 4.**	switching	switching	switching	switching
	**Auto. control switch 2, Standard top unit** Page 321	**2301 ..**	switching	switching	switching	switching
	**Auto. control switch 2, Comfort top unit** Page 322	**2302 ..**	switching	switching	switching	switching
	**Presence-detector, Comfort top unit** Page 324	**0317 ..**	switching	switching	switching	switching
	**Auto. control switch 360°** Page 323	**2270 ..**	switching	switching	switching	switching
	**Top unit for switching and dimming** Page 47/144/189	**2316 ..**	switching	switching	switching	switching
	**Touch dimming top unit** Page 48/144	**2260 ..**				
	**Touch switching top unit** Page 32/138	**2261 ..**	switching	switching	switching	switching
	**Radio top unit for switching and dimming** Gira radio bus system, Page 554 Gira eNet, Page 527	**0543 ..** **5490 ..**	switching	switching	switching	switching

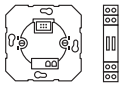
For an installation height of 1.10 m with purely horizontally aligned detection area, which means it doesn't have its own range limitation outdoors

For an installation height of 2.20 m with angled, vertically aligned detection area

The use of automatic control switches and presence detector top units on System 2000 flush-mounted inserts requires a release status of R2 or higher for these inserts.

Use with the System 2000 impulse insert 0336 00 requires at least the release status R3 for the automatic control switch and presence detector top units.

A free combination of the System 2000 inserts and top units for the realisation of an extended, automatic lighting system is possible within the scope of the options described above and under observance of the permissible number of auxiliary units.

	 **Heating/cooling relay insert** with 2 relays for switching, e.g. light and heating or ventilation Ch. 1: ≤ 1000 W Ch. 2: ≤ 800 W Page 282 **0303 00**	 **Universal dimming insert** Light bulbs, HV halogen, LV halogen for Gira Tronic transformers or wound transformer 50 to 420 W/VA Page 284 **0305 00**	 **LV dimming insert** Light bulbs, HV halogen, LV halogen for wound transformer 20 to 500 VA Page 278 **0331 00**	 **1 – 10 V control unit insert** For switching and dimming electronic ballasts and Gira Tronic transformers with 1 – 10 V interface ≤700 W, ≤50 mA Page 279 **0860 00**	 **Impulse insert with staircase-light automatic control switch** Page 282 **0336 00 0821 00**	The function of the auxiliary unit (switching/dimming) is dependent on which main unit insert is used  **Auxiliary insert** For presence detectors and automatic control switches (3-wire) Page 283 **0335 00**	 **Auxiliary insert** (2-wire) Page 283 **0333 00**
	①	switching[A)]	switching[A)]	switching[A)]	switching on	switching on[B)]	
	①	switching dimming	switching dimming	switching dimming	switching on	switching on[B)]	
	①	switching[A)]	switching[A)]	switching[A)]	switching on	switching on[B)]	
	①	switching dimming	switching dimming	switching dimming	switching on	switching on[B)]	
	①	switching, dimming, constant light control	switching, dimming, constant light control	switching, dimming, constant light control	switching on	switching on[B)]	
	①	switching dimming	switching dimming	switching dimming	switching on	switching on[B)]	
	②	switching dimming	switching dimming	switching dimming	switching on		switching, dimming, memory
		switching dimming	switching dimming	switching dimming			
	②						
	②	switching dimming	switching dimming	switching dimming			

① Function as an HVAC switch:
Channel 1 is switched on depending on the ambient brightness when motion is detected. When motion is no longer detected, the channel is switched off after the expiration of the delay time set in the top unit.

Channel 2 is switched on directly or time-delayed when there is motion in the detection field. The ambient brightness does not influence the switching of Channel 2. When motion is no longer detected, the channel is switched off when the delay time set in the insert expires.

② Function as a delay switch:
Channel 1 is switched on or off without delay during operation.
Channel 2 is switched on or off time-delayed depending on Channel 1.

A) Standard top units only carry out switching functions, even on dimming inserts.

B) On an auxiliary insert, the brightness setpoint value and the delay time of the top unit are not evaluated.

Combination options for System 2000

Main unit

Insert


Universal dimming insert
0305 00 | Pg. 284


Low-voltage dimming insert
0331 00 | Pg. 278


1–10 V control unit insert
0860 00 | Pg. 279


Tronic switch insert
0866 00 | Pg. 280


Triac switch insert
0854 00 | Pg. 280


Relay insert
0853 00 | Pg. 281


Heating/cooling relay insert
0303 00 | Pg. 282


Relay insert zero-voltage
1148 00 | Pg. 281

Top unit


Top unit for switching and dimming
2316 .. |
Pg. 47/144/189


Touch dimming top unit
2260 .. | Pg. 48/144


Touch switching top unit
2261 .. | Pg. 32/138


Radio top unit
0543 .. | Pg. 554
5490 .. | Pg. 527


Presence detector Comfort top unit
0317 .. | Pg. 324


Auto. control switch 360°
2270 .. | Pg. 323


Auto. control switch Standard top unit
1300 .. | Pg. 320
1301 4 . | Pg. 321

Comfort top unit
0661 .. | Pg. 320
0671 4 . | Pg. 322


Auto. control switch 2 Standard top unit
2301 .. | Pg. 321

Comfort top unit
2302 .. | Pg. 322

Auxiliary unit

Insert


Auxiliary insert, 2-wire
0333 00 | Pg. 283


Mechanical push button 1-pole NO contact
0151 00 | Pg. 276


Auxiliary insert, 2-wire
0333 00 | Pg. 283


Auxiliary insert, 3-wire
0335 00 | Pg. 283


Mechanical push button 1-pole NO contact
0151 00 | Pg. 276

Top unit


Top unit for switching and dimming
2316 .. |
Pg. 47/144/189


Top unit for switching and dimming
2316 .. |
Pg. 47/144/189


Presence detector Comfort top unit
0317 .. | Pg. 324


Auto. control switch 360°
2270 .. | Pg. 323


Auto. control switch Standard top unit
1300 .. | Pg. 320
1301 4 . | Pg. 321

Comfort top unit
0661 .. | Pg. 320
0671 4 . | Pg. 322


Auto. control switch 2 Standard top unit
2301 .. | Pg. 321

Comfort top unit
2302 .. | Pg. 322

DRA


Staircase-light automatic control switch
0821 00 | Pg. 282

Insert


Impulse insert
0336 00 | Pg. 282


Mechanical push button 1-pole NO contact
0151 00 | Pg. 276

Top unit


Top unit for switching and dimming
2316 .. |
Pg. 47/144/189


Presence detector Comfort top unit
0317 .. | Pg. 324


Auto. control switch 360°
2270 .. | Pg. 323


Auto. control switch Standard top unit
1300 .. | Pg. 320
1301 4 . | Pg. 321

Comfort top unit
0661 .. | Pg. 320
0671 4 . | Pg. 322

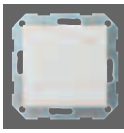

Auto. control switch 2 Standard top unit
2301 .. | Pg. 321

Comfort top unit
2302 .. | Pg. 322

Automatic control switch top unit for low installation areas up to 1.10 m

Automatic control switch top unit for high installation areas up to 2.20 m

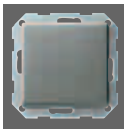
Push switches



Push switch 10 A 250 V~ with rocker

System 55

Push switch as complete unit suitable for System 55 → Page 30.



Push switch 10 A 250 V~ with rocker

E22

Push switch as complete unit suitable for E22 → Page 135.



Push switch 10 A 250 V~ with rocker

Gira F100

Push switch as complete unit suitable for Gira F100 → Page 184.



Push switch 10 A 250 V~ with cover plate and rocker

S-Color

Push switch as complete unit suitable for S-Color → Page 216.

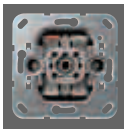


Push switch 10 A 250 V~ with rocker

TX_44

Push switch as complete unit suitable for TX_44 platform → Page 250.

Rocker switches

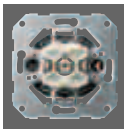


Rocker switch insert 10 A/250 V~

	Order no.	Packing unit	PS
Universal off/2-way switch[1)]	**0106 00**	10/100	21
Intermediate switch[1)]	**0107 00**	10/100	01
Circuit breaker 2-pole	**0102 00**	10	01

Can be illuminated with neon lamp elements in accordance with the workplace ordinance.
Glow lamp elements 0995 00, 0996 00, 0997 00 → Page 290.
LED illumination insert 0497 07, 0497 08, 0497 10, 0497 18, 0992 00, 1405 00 → Page 290.
[1)] Acoustic element with illumination 0935 00 → Page 291.

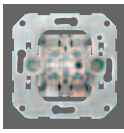
i 38



Rocker switch insert 16 A/400 V~

	Order no.	Packing unit	PS
3-pole circuit breaker	**0103 00**	1	01

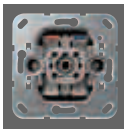
i 38



Rocker switch insert 10 A/250 V~

	Order no.	Packing unit	PS
Series switch	**0105 00**	10/100	01
Double 2-way switch	**0108 00**	10/100	01

i 38

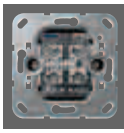


Rocker control switch insert 10 A/250 V~ with neon lamp element, 230 V

	Order no.	Packing unit	PS
Universal off/2-way switch	**0116 00**	10/100	01
Circuit breaker 2-pole	**0112 00**	10	01

For compliance with the workplace ordinance, can also be connected with illumination.
Glow lamp elements 0995 00, 0996 00, 0997 00 → Page 290.
LED illumination insert 0497 07, 0497 08, 0497 10, 0497 18, 0992 00, 1405 00 → Page 290.

i 38



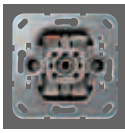
Rocker control switch insert 10 A/250 V~ with 2 orange LEDs, 230 V

	Order no.	Packing unit	PS
Series switch	**0145 00**	10	01

For compliance with the workplace ordinance, can also be connected with illumination.
Suitable for cover plate 0631 ...

i 38

Push rocker

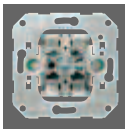


Push rocker insert 10 A/250 V~

	Order no.	Packing unit	PS
NO contact, 1-pole	**0151 00**	10/100	21
2-way switch, 1-pole	**0156 00**	10/100	01
1-pole NO contact with N terminal	**0150 00**	10/100	01
1-pole NO contact with sep. signal contact	**0152 00**	10	01

Can be illuminated with neon lamp elements in accordance with the workplace ordinance.
Glow lamp elements 0995 00, 0996 00, 0997 00 → Page 290.
LED illumination insert 0497 07, 0497 08, 0497 10, 0497 18, 0992 00, 1405 00 → Page 290.
NO contact, 1-pole with signal contact suitable for eNet radio universal transmitter, 2-gang Mini 5453 00 → Page 525.

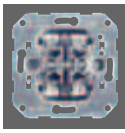
i 38



Push rocker insert 10 A/250 V~

	Order no.	Packing unit	PS
Double 2-way button	**0155 00**	10/100	01

i 38



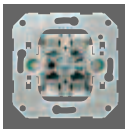
Push rocker insert 10 A/250 V~

	Order no.	Packing unit	PS
4-gang	**0147 00**	10	01

For deep flush-mounted wall boxes.
KNX/EIB universal button interface, 2-gang 1118 00 → Page 508.
KNX/EIB universal button interface, 4-gang 1119 00 → Page 508.
Series rockers 0295 ..
Rockers with arrow symbols 1150 ..
Radio multi-function transmitter 4-gang 0441 00 → Page 546.

i 38

Rocker switch / push rocker



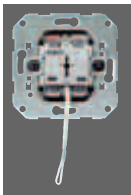
Series switch/push-button insert 10 A/250 V~

	Order no.	Packing unit	PS
2-way switch/2-way button	**0139 00**	1/5	01

Series switch/push-button with which the left rocker is designed as a switch and the right rocker as a push-button for switching and colour control of the LED orientation light, manual control of motion detectors, control of dimmer auxiliary units and switched lighting.
Series rockers 0295 ..

i 38

Pull-cord switch/Pull-cord button



Pull-cord switch insert 10 A/250 V~

	Order no.	Packing unit	PS
Universal off/2-way switch[1)]	**0146 00**	1/5	01
Circuit breaker 2-pole	**0142 00**	1/5	01

Can be illuminated with neon lamp elements in accordance with the workplace ordinance.
[1)]
Suitable for cover plate 0638 ...
Glow lamp elements 0995 00, 0996 00, 0997 00 → Page 290.
LED illumination insert 0497 07, 0497 08, 0497 10, 0497 18, 0992 00, 1405 00 → Page 290.
[1)] Acoustic element with illumination 0935 00 → Page 291.

i 38



Pull-cord switch insert 10 A/250 V~

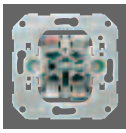
	Order no.	Packing unit	PS
1-pole NO contact with sep. signal contact	**0165 00**	1/5	01

Can be illuminated with neon lamp elements in accordance with the workplace ordinance.
Suitable for cover plate 0638 ...
Glow lamp elements 0995 00, 0996 00, 0997 00 → Page 290.
LED illumination insert 0497 07, 0497 08, 0497 10, 0497 18, 0992 00, 1405 00 → Page 290.

i 38

The delivery results subject to countries specific assortments.

Blind switch/key switch

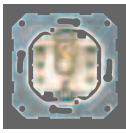


Rocker blind switch/button insert 10 A/250 V~

	Order no.	Packing unit	PS
Switches and push buttons	**0159 00**	10/100	01
Button	**0158 00**	10/100	01

With block preventing two-sided activation.
Electrically and mechanically locked.
Suitable for cover plate 0294 ...
As auxiliary unit suitable for blind controller insert with auxiliary input 0398 00 → Page 308.

i 39

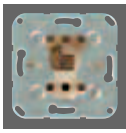


Blind switch/button insert 10 A/250 V~ for cover plate with knob

	Order no.	Packing unit	PS
1-pole group button/switch	**0154 00**	1/5	01
2-pole push button/ switch	**0157 00**	1/5	01

After removing the brass adjustment, can be used as a touch-locking switch.
Suitable for cover plate 0666 ...
As auxiliary unit suitable for blind controller insert with auxiliary input 0398 00 → Page 308.

i 39



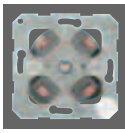
Key switch insert 10 A/250 V~ for all DIN profile semi-cylinder locks

	Order no.	Packing unit	PS
Push button 2-way switch, 1-pole (also group button)	**0163 00**	1/5	02
Switch 2-way switch, 2-pole (also group switch)	**0144 00**	1/5	02

Scope of supply: without lock. Only for screw attachment.
Not suitable for mounting in surface-mounted housings.
Suitable for cover plate 0664 ...
As auxiliary unit suitable for blind controller insert with auxiliary input 0398 00 → Page 308.
Profile semi-cylinder locks 0001 00, 0002 00, 0003 00 → Page 293.

i 39

Time switch



Time switch insert 16 A/250 V~ 2-pole

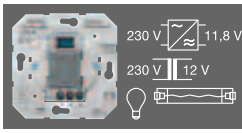
	Order no.	Packing unit	PS
15 minutes	**0320 00**	1/5	02
120 minutes	**0321 00**	1/5	02

For screw attachment only.
Suitable for cover plate:
System 55, Gira F100 0666 .., E22, S-Color 0640 .., 0642 ...

i 39

	Order no.	Packing unit	PS

System 2000 dimmer inserts



System 2000 universal dimmer insert (touch dimmer)

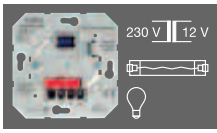
50 – 420 W/VA	**0305 00**	1/5	02

Universal dimmer for switching and dimming various light sources such as:
- Light bulbs
- HV halogen lamps
- LV halogen lamps with Gira Tronic transformers
- LV halogen lamps with conventional transformers
- Lamp-protecting "soft start"
- Electronic short-circuit protection
- Automatic excess-temperature protection with restart
- Two-surface operation: Briefly pressing the button switches the light on. A long press of the button at the top or bottom rocker half dims the lighting or makes it brighter.
- Saving of a switch-on dimming value (also via auxiliary unit)
- Power expansion, e.g. via up to 10 power boosters
- Capacitive loads (e.g. Gira Tronic transformers) and inductive loads (e.g. conventional transformers) cannot be connected to the universal dimmer insert at the same time.

Rated voltage: 230 V AC, 50/60 Hz
Contact rating: 50 to 420 W/VA
Operating temperature: -20 °C to +45 °C

System 2000 top unit for switching and dimming 0655 .., 2316 ..
System 2000 touch dimming top unit 2260 ..
eNet radio switching/dimming top unit 5490 .. → Page 527.
Radio top unit for switching and dimming 0543 .. → Page 554.
System 2000 automatic control switch, standard top unit 1300 .., 1301 .., 2301 .. → Page 320.
System 2000 automatic control switch, comfort top unit 0661 .., 0671 .., 2302 .. → Page 320.
System 2000 automatic control switch 360° 2270 .. → Page 323.
System 2000 presence detector Comfort top unit 0317 .. → Page 324.
System 2000 auxiliary insert 0333 00 → Page 283.
System 2000 auxiliary insert for presence detector and automatic control switch 0335 00 → Page 283.
Universal power booster 1035 00 → Page 289.
Tronic power booster 0380 00 → Page 289.
LV power booster 0364 00 → Page 290.

i 42



System 2000 LV dimmer insert (touch dimmer)

20 – 500 VA	**0331 00**	1/5	02

LV dimmer for switching and dimming of light bulbs, HV halogen lamps and dimmable inductive transformers with halogen lamps.
- Auxiliary operation possible
- Lamp-protecting "soft start"
- Short circuit protection via fine-wire fuse
- Automatic excess-temperature protection
- Two-surface operation: Briefly pressing the button switches the light on. Pressing and holding the button at the top or bottom rocker half dims the lighting or makes it brighter.
- Saving of a switch-on dimming value (also via auxiliary unit)
- Power expansion via up to 10 power boosts

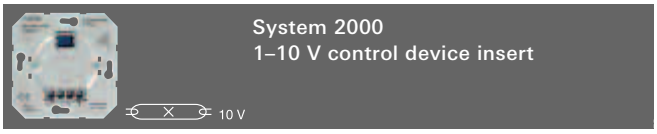
Rated voltage: 230 V AC, 50/60 Hz
Contact rating: 20 to 500 VA (at minimum load of 85 %)
Operating temperature: -20 °C to +45 °C

System 2000 top unit for switching and dimming 0655 .., 2316 ..
System 2000 touch dimming top unit 2260 ..
eNet radio switching/dimming top unit 5490 .. → Page 527.
Radio top unit for switching and dimming 0543 .. → Page 554.
System 2000 automatic control switch, standard top unit 1300 .., 1301 .., 2301 .. → Page 320.
System 2000 automatic control switch, comfort top unit 0661 .., 0671 .., 2302 .. → Page 320.
System 2000 automatic control switch 360° 2270 .. → Page 323.
System 2000 presence detector Comfort top unit 0317 .. → Page 324.
System 2000 auxiliary insert 0333 00 → Page 283.
System 2000 auxiliary insert for presence detector and automatic control switch 0335 00 → Page 283.
LV power booster 0364 00 → Page 290.
Replacement fuse T 2 H 250 049806 → Page 293.

i 42

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



System 2000
1–10 V control device insert

1 – 10 V	**0860 00**	1/5	02

1–10 V control device for switching and dimming electronic ballast or Gira Tronic transformers with 1–10 V interface.

- Setting of a base brightness
- Saving of a switch-on dimming value (also via auxiliary unit)
- Two-surface operation: Briefly pressing the button switches the light on. Pressing and holding the button at the top or bottom rocker half dims the lighting or makes it brighter.
- Multi-phase connection possible.

Electronic control gear generates very high current spikes. For this reason, you should use an initial current limiter or a separate load contactor with greater loads.

Switching contact:	Relay contact subject to mains potential
Rated voltage:	230 V AC, 50/60 Hz N conductor required
Connected load:	700 W light bulbs (switching only) 700 W Gira Tronic transformer type-dependent electronic ballast
1 – 10 V interface:	max. 50 mA max. 100 m input line

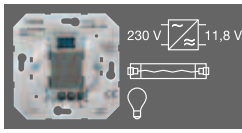
Switch-on current limiter 0810 00 → Page 293.
System 2000 top unit for switching and dimming 0655 .., 2316 ..
System 2000 touch dimming top unit 2260 ..
eNet radio switching/dimming top unit 5490 .. → Page 527.
Radio top unit for switching and dimming 0543 .. → Page 554.
System 2000 automatic control switch, standard top unit 1300 .., 1301 .., 2301 .. → Page 320.
System 2000 automatic control switch, comfort top unit 0661 .., 0671 .., 2302 .. → Page 320.
System 2000 automatic control switch 360° 2270 .. → Page 323.
System 2000 presence detector Comfort top unit 0317 .. → Page 324.
System 2000 auxiliary insert 0333 00 → Page 283.
System 2000 auxiliary insert for presence detector and automatic control switch 0335 00 → Page 283.

i 43

	Order no.	Packing unit	PS

	Order no.	Packing unit	PS

System 2000 switch inserts



System 2000 Tronic switch insert

50 – 420 W	**0866 00**	1/5	02

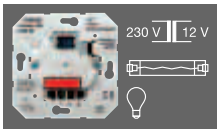
Flush-mounted insert for **switching** light bulbs and Gira Tronic transformers with 2-wire connection technology.
· Limitation of initial currents via soft start
Auxiliary unit operation is possible.

Circuit breaker:	MOS-FET
Rated voltage:	230 V AC, 50/60 Hz
Contact rating:	50 to 420 W light bulbs 50 to 420 W HV halogen 50 to 420 W LV halogen, Gira Tronic transformer
Operating temperature:	-20 °C to +45 °C

System 2000 top unit for switching and dimming (only switching here) 0655 ...
System 2000 touch switching top unit 2261 ..
eNet radio switching/dimming top unit 5490 .. → Page 527.
Radio top unit for switching and dimming (only switching here) 0655 ... → Page 554.
System 2000 automatic control switch, standard top unit 1300 .., 1301 .., 2301 .. → Page 320.
System 2000 automatic control switch, comfort top unit 0661 .., 0671 .., 2302 .. → Page 320.
System 2000 automatic control switch 360° 2270 .. → Page 323.
System 2000 presence detector Comfort top unit (only switching here) 0317 .. → Page 324.
System 2000 auxiliary insert 0333 00 → Page 283.
System 2000 auxiliary insert for presence detector and automatic control switch 0335 00 → Page 283.

i 44

	Order no.	Packing unit	PS



System 2000 Triac switch insert

40 – 400 W/VA	**0854 00**	1/5	02

The Triac switch insert is an electronic switch used for **switching** light bulbs and wound transformers with 2-wire technology.
· Limitation of initial currents via soft start
· Short circuit via fine-wire fuse
Auxiliary unit operation is possible.

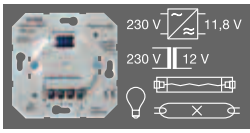
Circuit breaker:	Triac
Rated voltage:	230 V AC, 50/60 Hz
Contact rating:	40 to 400 W light bulbs 40 to 400 W HV halogen 40 to 400 VA LV halogen for wound transformer with at least 85 % rated load
Operating temperature:	-20 °C to +45 °C

System 2000 top unit for switching and dimming (only switching here) 0655 ...
System 2000 touch switching top unit 2261 ..
eNet radio switching/dimming top unit 5490 .. → Page 527.
Radio top unit for switching and dimming (only switching here) 0655 ... → Page 554.
System 2000 automatic control switch, standard top unit 1300 .., 1301 .., 2301 .. → Page 320.
System 2000 automatic control switch, comfort top unit 0661 .., 0671 .., 2302 .. → Page 320.
System 2000 automatic control switch 360° 2270 .. → Page 323.
System 2000 presence detector Comfort top unit (only switching here) 0317 .. → Page 324.
System 2000 auxiliary insert 0333 00 → Page 283.
System 2000 auxiliary insert for presence detector and automatic control switch 0335 00 → Page 283.
Replacement fuse T 1.6 H 250 V 049727 → Page 293.

i 44

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



System 2000 relay insert

	0853 00	1/5	02

Relay insert for **switching** extensive light sources and electrical consumers in 3-wire connection technology (N conductor required).

- Light bulbs
- HV halogen
- LV halogen with conventional transformers
- LV halogen with Gira Tronic transformers
- Fluorescent lamps

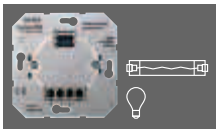
Auxiliary unit operation is possible.

Rated voltage:	230 V AC, 50 Hz/60 Hz N conductor required
Contact rating:	2300 W light bulbs 2300 W HV halogen 1500 W Gira Tronic transformer 1000 VA wound transformer 1200 VA fluorescent lamps, not compensated 920 VA fluorescent lamps, parallel-compensated 2300 VA fluorescent lamps, dual switching Mixed loads of specified loads. Conversion transformers with at least 85 % rated load with lamps. Total load including transformer power loss may not exceed 1000 VA.
Operating temperature:	-20 °C to +45 °C

System 2000 top unit for switching and dimming (only switching here) 0655 ...
System 2000 touch switching top unit 2261 ..
eNet radio switching/dimming top unit 5490 .. → Page 527.
Radio top unit for switching and dimming (only switching here) 0655 ... → Page 554.
System 2000 automatic control switch, standard top unit 1300 .., 1301 .., 2301 .. → Page 320.
System 2000 automatic control switch, comfort top unit 0661 .., 0671 .., 2302 .. → Page 320.
System 2000 automatic control switch 360° 2270 .. → Page 323.
System 2000 presence detector Comfort top unit (only switching here) 0317 .. → Page 324.
System 2000 auxiliary insert 0333 00 → Page 283.
System 2000 auxiliary insert for presence detector and automatic control switch 0335 00 → Page 283.

i 45

	Order no.	Packing unit	PS



System 2000 zero-voltage relay insert

	1148 00	1/5	02

Relay insert for **zero-voltage switching** of light sources and electrical consumers in 3-wire connection technology (N conductor required).

- Light bulbs
- HV halogen lamps

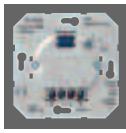
Auxiliary unit operation is possible.

Rated voltage:	230 V AC, 50 Hz/60 Hz N conductor required
Contact rating:	800 W light bulbs 750 W HV halogen
Operating temperature:	+5 °C to +35 °C

System 2000 top unit for switching and dimming (only switching here) 0655 ...
eNet radio switching/dimming top unit 5490 .. → Page 527.
Radio top unit for switching and dimming (only switching here) 0655 ... → Page 554.
System 2000 automatic control switch, standard top unit 1300 .., 1301 .., 2301 .. → Page 320.
System 2000 automatic control switch, comfort top unit 0661 .., 0671 .., 2302 .. → Page 320.
System 2000 automatic control switch 360° 2270 .. → Page 323.
System 2000 presence detector Comfort top unit (only switching here) 0317 .. → Page 324.
System 2000 auxiliary insert 0333 00 → Page 283.
System 2000 auxiliary insert for presence detector and automatic control switch 0335 00 → Page 283.

i 45

	Order no.	Packing unit	PS



System 2000
HLK relay insert

	0303 00	1	02

The HLK relay insert has a non-floating 230 V switching channel (Channel 1) for switching the lighting and another switching channel (zero-voltage Channel 2) for switching a second mains phase (no SELV voltage), e.g. for a fan or a heater. The set time of Channel 2 can be set in 5 steps. The functionality of the HLK relay insert is dependent on the top unit used:

- Function as delay switch:
  This functions is, for example, achieved with a System 2000 top unit for switching and dimming or the radio top unit for switching and dimming.
  Channel 1 is switched on or off during operation without delay.
  Channel 2 is switched on or off time-delayed in dependence on Channel 1.
- Function as a HLK switch:
  This function is achieved with a System 2000 automatic control-switch comfort top unit or a System 2000 presence-detector standard top unit.
  Channel 1 is switched on depending on the ambient brightness when movement is detected. When movement is no longer detected, the channel is switched off after the expiration of the delay time set in the top unit.
  Channel 2 is switched on directly or time-delayed when a movement occurs in the detection field. The ambient brightness has no influence on the switching of Channel 2. When movement is no longer detected, the channel is switched off after the expiration of the delay time set in the insert.

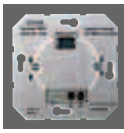
Rated voltage:	230 V AC, 50 Hz/60 Hz N conductor required
Channel 1 connecting cable:	1000 W light bulbs 1000 W HV halogen 750 W LV halogen, Gira Tronic transformer 750 VA LV halogen, wound transformer 500 VA fluorescent lamps, not compensated
Channel 2 connecting cable:	800 W light bulbs 750 W HV halogen 450 VA at a max. switch-on current of 2.1 A
Set time in 5 steps:	2, 10, 30, 60, 120 min (Channel 2 only)
Operating temperature:	+5 °C to +35 °C

System 2000 top unit for switching and dimming (only switching here) 0655 ...
System 2000 touch switching top unit 2261 ..
eNet radio switching/dimming top unit 5490 .. → Page 527.
Radio top unit for switching and dimming (only switching here) 0655 ... → Page 554.
System 2000 automatic control switch, standard top unit 1300 .., 1301 .., 2301 .. → Page 320.
System 2000 automatic control switch, comfort top unit 0661 .., 0671 .., 2302 .. → Page 320.
System 2000 automatic control switch 360° 2270 .. → Page 323.
System 2000 auxiliary insert 0333 00 → Page 283.
System 2000 auxiliary insert for presence detector and automatic control switch 0335 00 → Page 283.

i 46

	Order no.	Packing unit	PS

System 2000 impuls inserts



System 2000
impuls inserts

	0336 00	1/5	02

The System 2000 impuls insert is operated in combination with System 2000 automatic control switches, comfort presence detectors or top units for switching and dimming. The insert actuates the DRA automatic stairway lighting mechanisms **0829 00** (power section).
System 2000 DRA automatic stairway lighting mechanism 0821 00 → Page 282.
System 2000 top unit for switching and dimming 0655 .., 2316 ..
System 2000 automatic control switch, standard top unit 1300 .., 1301 .., 2301 .. → Page 320.
System 2000 automatic control switch, comfort top unit 0661 .., 0671 .., 2302 .. → Page 320.
System 2000 automatic control switch 360° 2270 .. → Page 323.
System 2000 presence detector Comfort top unit (only switching here) 0317 .. → Page 325.

i 47



System 2000
DRA automatic stairway lighting mechanism

DRA	**0821 00**	1	02

The DRA automatic stairway lighting mechanism is used together with System 2000 impuls inserts to automatically switch the light in stairwells. The impulse insert is combined with an automatic control switch or presence detector (PIR top units) for this purpose. Up to 16 impulse inserts can be connected to a automatic DRA mechanism. The number decreases when auxiliary units (e.g. illuminated push buttons) are added.
If the automatic DRA mechanism receives a switch-on signal, it switches the light on and then off again after the delay time expires. Following switch-off, the impulse inserts are locked with the PIR top unit for approx. 3 seconds. Not until after this time are movements evaluated again.
A warning can be issued before the lighting is switched off. The lighting is switched off three times at intervals of approx. 10 s for approx. 100 ms.
Can be switched over with rotary switch to Permanent-On, Permanent-Off, Automatic mode without advance warning, Automatic mode with advance warning.

Rated voltage:	230 V AC, 50 Hz
Current load of the control input:	40 mA
Load capacity:	250 V AC/16 A
Connected load:	2300 W light bulbs 2300 W HV halogen 1000 VA LV halogen, wound transformer 1500 W LV halogen, Gira Tronic transformer 1200 VA fluorescent lamps, not compensated 2300 VA fluorescent lamps, dual switching 920 VA fluorescent lamps, parallel-compensated 700 W electronic ballast
Switch-on time:	10 sec. to 15 min.
Dimensions:	DRA device, 1 depth module

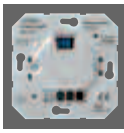
System 2000 impulse insert 0336 00 → Page 282.

i 47

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

System 2000 auxiliary inserts



System 2000 auxiliary insert

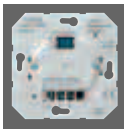
0333 00 1/5 02

Auxiliary insert in **2-wire** connection technology for designing installations with the function of toggle and cross switching in conjunction with the inserts of System 2000. In the case of retrofitting, no additional cables are required.

Rated voltage: 230 V AC, 50/60 Hz
Operating temperature: -20 °C to +45 °C

System 2000 top unit for switching and dimming 0655 .., 2316 ..

Auxiliary unit for:
System 2000 universal dimmer insert 0305 00 → Page 278.
System 2000 LV dimmer insert 0331 00 → Page 278.
System 2000 1–10 V control device insert 0860 00 → Page 279.
System 2000 Tronic switch insert 0866 00 → Page 280.
System 2000 Triac switch insert 0854 00 → Page 280.
System 2000 relay insert 0853 00 → Page 281.
System 2000 relay insert, zero-voltage, 1148 00 → Page 281.
System 2000 HLK relay insert 0303 00 → Page 282.
Universal dimmer with manual activation 1034 00 → Page 285.
Universal series dimming insert 2263 00 → Page 284.



System 2000 auxiliary insert for presence detector and automatic control switch

0335 00 1/5 02

The **3-wire** auxiliary insert is used to control System 2000 presence detectors and automatic control switches as an active auxiliary unit. In addition to the neutral conductor connection N, it requires the same phase L as the power section.
A maximum of 5 auxiliary inserts can be connected to a System 2000 universal dimming insert, and all other System 2000 inserts can be assigned a maximum of 10 auxiliary unit inserts.

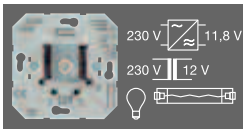
Rated voltage: 230 V AC, 50 Hz/60 Hz
N conductor required
Cable length between main and auxiliary unit: 100 m
Operating temperature: -20 °C to +45 °C

System 2000 automatic control switch, standard top unit 1300 .., 1301 .., 2301 .. → Page 320.
System 2000 automatic control switch, comfort top unit 0661 .., 0671 .., 2302 .. → Page 320.
System 2000 automatic control switch 360° 2270 .. → Page 323.
System 2000 presence detector Comfort top unit 0317 .. → Page 324.

Auxiliary unit for:
System 2000 universal dimmer insert 0305 00 → Page 278.
System 2000 LV dimmer insert 0331 00 → Page 278.
System 2000 1–10 V control device insert 0860 00 → Page 279.
System 2000 Tronic switch insert 0866 00 → Page 280.
System 2000 Triac switch insert 0854 00 → Page 280.
System 2000 relay insert 0853 00 → Page 281.
System 2000 relay insert, zero-voltage, 1148 00 → Page 281.
System 2000 HLK relay insert 0303 00 → Page 282.

	Order no.	Packing unit	PS

Universal dimmer



Universal dimmer insert with pressure/rotary switch 2

50 – 420 W/VA **1176 00** 1/5 02

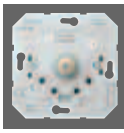
Universal dimmer for switching and dimming different light sources, such as:
- Light bulbs
- HV halogen
- LV halogen with Gira Tronic transformers
- LV halogen with conventional transformers

Auxiliary unit operation is possible with the auxiliary insert **1177 00**.
- lamp-protecting "soft start"
- electronic short-circuit protection
- Automatic excess-temperature protection
- Power expansion via power booster
- Do not connect capacitive loads (e.g. Gira Tronic transformers) and inductive loads (e.g. conventional transformers) to the universal dimmer insert at the same time.
- With spring plug-in terminals

Rated voltage: 230 V AC, 50/60 Hz
Contact rating: 50 to 420 W/VA
Auxiliary unit quantity: max. 5
Cable length between main and auxiliary unit: 100 m

Suitable for cover plate 0650 ...
Auxiliary insert 2 1177 00 → Page 283.
Universal power booster 1035 00 → Page 289.
Tronic power booster 0380 00 → Page 289.
LV power booster 0364 00 → Page 290.

i 48



Auxiliary insert for universal dimming insert 2

1177 00 1/5 02

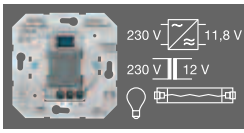
Auxiliary insert with **2-wire** connection technology for designing installations with the function of toggle and cross switching exclusively in conjunction with the universal dimming insert **1176 00**.
- With spring plug-in terminals

Rated voltage: 230 V AC, 50/60 Hz
Cable length between main and auxiliary unit: 100 m

Suitable for cover plate 0650 ...
Universal dimming insert 2 1776 00 → Page 283.

i 48

	Order no.	Packing unit	PS



System 2000 universal dimmer insert (touch dimmer)

50 – 420 W/VA	**0305 00**	1/5	02

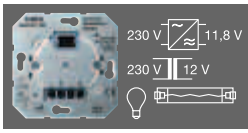
Universal dimmer for switching and dimming various light sources such as:
- Light bulbs
- HV halogen lamps
- LV halogen lamps with Gira Tronic transformers
- LV halogen lamps with conventional transformers
- Lamp-protecting "soft start"
- Electronic short-circuit protection
- Automatic excess-temperature protection with restart
- Two-surface operation: Briefly pressing the button switches the light on. A long press of the button at the top or bottom rocker half dims the lighting or makes it brighter.
- Saving of a switch-on dimming value (also via auxiliary unit)
- Power expansion, e.g. via up to 10 power boosters
- Capacitive loads (e.g. Gira Tronic transformers) and inductive loads (e.g. conventional transformers) cannot be connected to the universal dimmer insert at the same time.

Rated voltage: 230 V AC, 50/60 Hz
Contact rating: 50 to 420 W/VA
Operating temperature: -20 °C to +45 °C

System 2000 top unit for switching and dimming 0655 .., 2316 ..
System 2000 touch dimming top unit 2260 ..
eNet radio switching/dimming top unit 5490 .. → Page 527.
Radio top unit for switching and dimming 0543 .. → Page 554.
System 2000 automatic control switch, standard top unit 1300 .., 1301 .., 2301 .. → Page 320.
System 2000 automatic control switch, comfort top unit 0661 .., 0671 .., 2302 .. → Page 320.
System 2000 automatic control switch 360° 2270 .. → Page 323.
System 2000 presence detector Comfort top unit 0317 .. → Page 324.
System 2000 auxiliary insert 0333 00 → Page 283.
System 2000 auxiliary insert for presence detector and automatic control switch 0335 00 → Page 283.
Universal power booster 1035 00 → Page 289.
Tronic power booster 0380 00 → Page 289.
LV power booster 0364 00 → Page 290.

i 42

	Order no.	Packing unit	PS



Universal series dimming insert (touch dimmer)

2 x 50 – 260 W/VA	**2263 00**	1	02

The series dimmer is a touch dimmer with two independent universal dimming channels for switching and dimming different light sources such as: Light bulbs, HV halogen, LV halogen with Gira Tronic transformers and LV halogen with conventional transformers.
The two channels can control different load types independently of each other. The total connected load of 440 W/VA can be distributed differently to the two channels with a maximum individual channel load of 350 W/VA. Via System 2000 auxiliary unit (2-wire) **0333 00**, the two channels can be operated synchronously.
- Lamp-protecting "soft start"
- Electronic short-circuit protection
- Automatic excess-temperature protection with restart
- Saving of a switch-on dimming value (also via auxiliary unit)
- Do not connect capacitive loads (e.g. Gira Tronic transformers) and inductive loads (e.g. conventional transformers) to one channel at the same time.
- Screw terminals

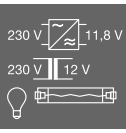
Rated voltage: 230 V AC, 50/60 Hz
Contact rating per channel: 50 to 260 W/VA (25 °C)
50 to 220 W/VA (45 °C)
Operating temperature: -20 °C to +45 °C

Suitable for cover plate 2315 ...
System 2000 auxiliary insert 0333 00 → Page 283.
Universal power booster (trailing edge only) 1035 00 → Page 289.
Tronic power booster 0380 00 → Page 289.
LV power booster 0364 00 → Page 290.

i 48

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Universal dimmer with manual actuation

50 – 500 W/VA

DRA	**1034 00**	1	02

Universal dimmer for switching and dimming different light sources, such as:
- Light bulbs
- HV halogen
- LV halogen with Gira Tronic transformers
- LV halogen with conventional transformers

Switching and dimming commands are carried out by pressing buttons integrated on the front of the dimmer or by connected auxiliary units.
Auxiliary units: mechanical push button (NO contact), System 2000 auxiliary insert (2-wire) **0333 00**.
Possible with System 2000 auxiliary insert:
- Saving of a switch-on dimming value
- Central auxiliary unit (several universal dimmer DRAs can be operated at the same time with a central auxiliary unit)
- Two-surface operation: Briefly pressing the button switches the light on. Pressing and holding the button at the top or bottom rocker half dims the lighting or makes it brighter.

Further product features:
- lamp-protecting "soft start"
- Electronic short-circuit protection
- Automatic excess-temperature protection
- Power expansion via power booster
- Do not connect capacitive loads (e.g. Gira Tronic transformers) and inductive loads (e.g. conventional transformers) to the universal dimmer at the same time.

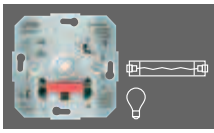
Rated voltage:	230 V AC, 50 Hz
Contact rating:	50 to 500 W/VA
Protection type:	IP 20
Dimensions:	DRA device, 2 depth module

System 2000 auxiliary insert 0333 00 → Page 283.
Universal power booster 1035 00 → Page 289.
Tronic power booster 0380 00 → Page 289.
LV power booster 0364 00 → Page 290.

i 49

	Order no.	Packing unit	PS

Light bulb dimmer

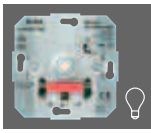


Light bulb dimming insert with 2-way turn-off switch

60 – 400 W	**0300 00**	1/5	22

Dimming of light bulbs and HV halogen lamps with AC 230 V, 50 Hz. Short-circuit protection with fine-wire fuse. Power expansion, e.g. via up to 10 LV power boosters.
Suitable for cover plate 0650 ...
Replacement fuse T 1.6 H 250 V 049727 → Page 293.
LV power booster 0364 00 → Page 290.

i 49

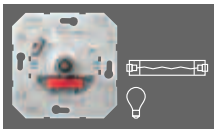


Light bulb dimming insert with pressure/2-way switch

60 – 400 W	**1184 00**	1/5	02

Dimming of light bulbs and HV halogen lamps with AC 230 V, 50/ 60 Hz. Short-circuit protection with fine-wire fuse. Power expansion via up to 10 LV power boosters.
With screw terminals.
Suitable for cover plate 0650 ...
Replacement fuse T 1.6 H 250 V 049727 → Page 293.
LV power booster 0364 00 → Page 290.

i 50

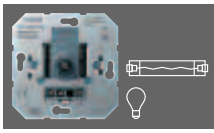


Light bulb dimming insert with pressure/2-way switch

60 – 600 W	**0302 00**	1/5	22

Dimming of light bulbs and HV halogen lamps with AC 230 V, 50 Hz. Short-circuit protection with fine-wire fuse. Power expansion via up to 10 LV power boosters.
With spring plug-in terminals. With spare fuse.
Suitable for cover plate 0650 ...
Replacement fuse T 2.5 H 250 V 049732 → Page 293.
LV power booster 0364 00 → Page 290.

i 50



Light bulb dimming insert with pressure/2-way switch

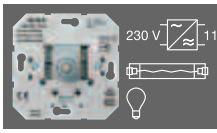
100 – 1000 W	**1181 00**	1/5	02

Dimming of light bulbs and HV halogen lamps with AC 230 V, 50 Hz. Electronic short-circuit protection. Automatic excess-temperature protection with restart. Power expansion via power booster. With screw terminals.
Suitable for cover plate 0650 ...
Tronic power booster 0380 00 → Page 289.
LV power booster 0364 00 → Page 290.

i 50

	Order no.	Packing unit	PS

Tronic dimmer

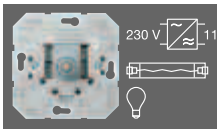


Tronic dimming insert with pressure/2-way switch

20 – 360 W	**1182 00**	1/5	02

For dimming Gira Tronic transformers, 230 V light bulbs and 230 V halogen lamps. Electronic short-circuit protection. Automatic excess-temperature protection with restart. Power expansion via Gira Tronic power booster possible. With screw terminals.
Suitable for cover plate 0650 ...
Universal power booster 1035 00 → Page 289.
Tronic power booster 0380 00 → Page 289.

i 50

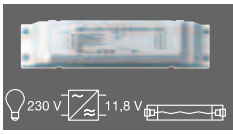


Tronic dimming insert with pressure/2-way switch

20 – 525 W	**0307 00**	1/5	22

Dimming of light bulbs, HV halogen lamps or LV halogen lamps with Gira Tronic transformers with AC 230 V, 50 Hz. Electronic short-circuit protection. Automatic excess-temperature protection with restart. Power expansion via up to 10 Tronic power boosters. With spring plug-in terminals.
Suitable for cover plate 0650 ...
Universal power booster 1035 00 → Page 289.
Tronic power booster 0380 00 → Page 289.

i 51



Tronic flush dimmer

50 – 700 W	**0381 00**	1	02

Dimming of light bulbs, HV halogen lamps or LV halogen lamps with Gira Tronic transformers with AC 230 V, 50 Hz. Switching and dimming commands are carried out through operation of auxiliary units (mechanical push buttons, NO contacts). Electronic short-circuit protection. Excess-temperature protection. Can be switched over to memory function (brightness memory). Power expansion via power booster.

Contact rating:	50 to 700 W light bulbs 50 to 700 W HV halogen 50 to 700 W Gira Tronic transformer mixed loads of specified load types
Ambient temperature:	+45 °C
Protection type:	IP 20
Dimensions:	L x W x H 212 x 49 x 46 mm

Universal power booster 1035 00 → Page 289.
Tronic power booster 0380 00 → Page 289.

i 51

LV dimmer



LV dimming insert with pressure/2-way switch

20 – 500 VA	**2262 00**	1	22

LV dimmer with pressure/2-way switch and potentiometer for setting the basic brightness.

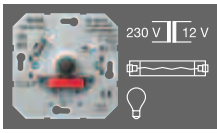
- Switching and dimming of light bulbs, HV halogen lamps and dimmable inductive transformers with halogen lamps. Mixed operation is possible.
- Switching and dimming of dimmable HV LED lamps and dimmable compact fluorescent lamps. Mixed operation is not possible.

Short circuit protection via fine-wire fuse. electronic excess-temperature protection. With control output for outputting the switching state of the dimmer for control of automatic power isolators or relays. Power expansion, e.g. via up to 10 LV power boosts. With spring plug-in terminals.

Rated voltage:	AC 230 V, 50 Hz
Connected load:	20 to 500 VA LV halogen, wound transformer typ. 7 up to 100 W, LED lamps typ. 7 up to 100 W, compact fluorescent lamp

Suitable for cover plate 0650 ...
LV power booster 0364 00 → Page 290.
Replacement fuse T 3.15 H 250 V 049735 → Page 293.

i 51



LV dimming insert with pressure/2-way switch

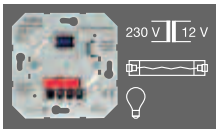
20 – 500 W/VA	**1183 00**	1/5	02

For dimming 230 V light bulbs, 230 V halogen lamps and LV halogen lamps in conjunctions with dimmable conventional transformers (AC 230/240 V, 50/60 Hz). Short circuit via fine-wire fuse. Automatic excess-temperature protection with restart. Power expansion via LV power booster possible. With screw terminals.
Suitable for cover plate 0650 ...
LV power booster 0364 00 → Page 290.
Replacement fuse T 3.15 H 250 V 049735 → Page 293.

i 52

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



System 2000
LV dimmer insert
(touch dimmer)

20 – 500 VA	**0331 00**	1/5	02

LV dimmer for switching and dimming of light bulbs, HV halogen lamps and dimmable inductive transformers with halogen lamps.

- Auxiliary operation possible
- Lamp-protecting "soft start"
- Short circuit protection via fine-wire fuse
- Automatic excess-temperature protection
- Two-surface operation: Briefly pressing the button switches the light on. Pressing and holding the button at the top or bottom rocker half dims the lighting or makes it brighter.
- Saving of a switch-on dimming value (also via auxiliary unit)
- Power expansion via up to 10 power boosts

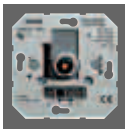
Rated voltage:	230 V AC, 50/60 Hz
Contact rating:	20 to 500 VA (at minimum load of 85 %)
Operating temperature:	-20 °C to +45 °C

System 2000 top unit for switching and dimming 0655 .., 2316 ..
System 2000 touch dimming top unit 2260 ..
eNet radio switching/dimming top unit 5490 .. → Page 527.
Radio top unit for switching and dimming 0543 .. → Page 554.
System 2000 automatic control switch, standard top unit 1300 .., 1301 .., 2301 .. → Page 320.
System 2000 automatic control switch, comfort top unit 0661 .., 0671 .., 2302 .. → Page 320.
System 2000 automatic control switch 360° 2270 .. → Page 323.
System 2000 presence detector Comfort top unit 0317 .. → Page 324.
System 2000 auxiliary insert 0333 00 → Page 283.
System 2000 auxiliary insert for presence detector and automatic control switch 0335 00 → Page 283.
LV power booster 0364 00 → Page 290.
Replacement fuse T 2 H 250 049806 → Page 293.

i 42

	Order no.	Packing unit	PS

Control device LEDOTRON



Control device LEDOTRON
Insert with pressure/2-way switch

2290 00	1	02

With the control device LEDOTRON, specially suited compact fluorescent lamps and monochrome LEDs (see Technical Data) can be controlled (dimmed) reliably and conveniently. The control device transmits information digitally via the existing mains cable. It is only necessary to connect an external conductor and the lamp cable for this; a neutral conductor is not required on the control device.

- Electronic short-circuit protection
- Automatic excess-temperature protection
- 2-way switching is possible in combination with a 2-way switch
- Screw terminals

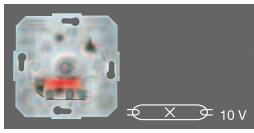
Rated voltage:	230 V AC, 50/60 Hz
Contact rating:	max. 200 W
Number of LEDOTRON® lamps:	max. 10
Type:	OSRAM DULUX INTELLIGENT 18 W Dim Stick EAN 4008321671059 OSRAM DULUX INTELLIGENT 14 W Dim Globe EAN 4008321694652 OSRAM DULUX INTELLIGENT 11 W Dim Classic EAN 4008321988546 OSRAM PARATHOM CLASSIC A60 12 W EAN 4008321988553 OSRAM PARATHOM PRO PAR16 50 9,5 W EAN 4008321988560

Suitable for cover plate 0650 ...

i 52

	Order no.	Packing unit	PS

Fluorescent lamp dimmer/control device



Electronic potentiometer insert with switching function for 10 V control input

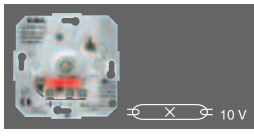
	Order no.	Packing unit	PS
	0309 00	1/5	02

Electronic potentiometer with switching function for electronic ballasts or Tronic transformers with 1–10 V control input. Pressing the operating button switches the electronic ballasts on and off. Turning adjusts the brightness. With replacement fuse.

Contact rating: 230 V AC, 50/60 Hz
6 A ohmic load
Control current: max. 50 mA

Suitable for cover plate 0650 ...
Replacement fuse F 500 H 250 V 049722 → Page 293.

i 53



Electronic potentiometer insert with touch function for 10 V control input

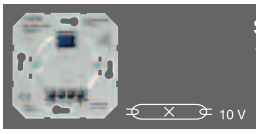
	Order no.	Packing unit	PS
	0308 00	1/5	02

Electronic potentiometer with touch function (only in combination with remote-control switches) for electronic ballasts or Tronic transformers with 1–10 V control input. Pressing the operating button sends an impulse to the remote-control switch and switches the electronic ballasts on and off. Turning adjusts the brightness. With replacement fuse.

Contact rating: 230 V AC, 50/60 Hz
2 A ohmic load
Control current: max. 50 mA

Suitable for cover plate 0650 ...
Replacement fuse F 500 H 250 V 049722 → Page 293.

i 53



System 2000 1–10 V control device insert

	Order no.	Packing unit	PS
1 – 10 V	**0860 00**	1/5	02

1–10 V control device for switching and dimming electronic ballast or Gira Tronic transformers with 1–10 V interface.

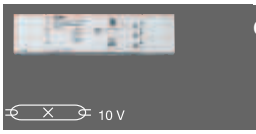
- Setting of a base brightness
- Saving of a switch-on dimming value (also via auxiliary unit)
- Two-surface operation: Briefly pressing the button switches the light on. Pressing and holding the button at the top or bottom rocker half dims the lighting or makes it brighter.
- Multi-phase connection possible.

Electronic control gear generates very high current spikes. For this reason, you should use an initial current limiter or a separate load contactor with greater loads.

Switching contact: Relay contact subject to mains potential
Rated voltage: 230 V AC, 50/60 Hz
N conductor required
Connected load: 700 W light bulbs (switching only)
700 W Gira Tronic transformer
type-dependent electronic ballast
1 – 10 V interface: max. 50 mA
max. 100 m input line

Switch-on current limiter 0810 00 → Page 293.
System 2000 top unit for switching and dimming 0655 .., 2316 ..
System 2000 touch dimming top unit 2260 ..
eNet radio switching/dimming top unit 5490 .. → Page 527.
Radio top unit for switching and dimming 0543 .. → Page 554.
System 2000 automatic control switch, standard top unit 1300 .., 1301 .., 2301 .. → Page 320.
System 2000 automatic control switch, comfort top unit 0661 .., 0671 .., 2302 .. → Page 320.
System 2000 automatic control switch 360° 2270 .. → Page 323.
System 2000 presence detector Comfort top unit 0317 .. → Page 324.
System 2000 auxiliary insert 0333 00 → Page 283.
System 2000 auxiliary insert for presence detector and automatic control switch 0335 00 → Page 283.

i 43



Control unit, 1–10 V

	Order no.	Packing unit	PS
Surface-mounted installation housing	**0360 00**	1	02

Built-in control device for switching and dimming fluorescent lamps via electronic ballast with 1–10 V control input or Gira Tronic transformers with 1–10 V control input. Operation via mechanical push button possible.

- Lamp-protecting "soft start"
- Memory function (brightness memory)

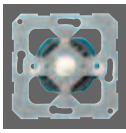
Rated voltage: 230 V AC, 50 Hz
Control voltage: 1 to 10 V
Connected load: 2300 W ohmic load
type-dependent electronic ballast
Control current: max. 200 mA
Ambient temperature: +50 °C
Protection type: IP 20
Dimensions: L x W x H 175 x 42 x 18 mm

i 55

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Three-stage switch/speed regulator

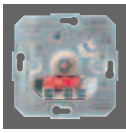


Three-stage switch insert 16 A/250 V~ (e.g. for fans)

with zero setting	**0149 00**	1	02

Only for screw attachment.
Not suitable for mounting in surface-mounted housings.
Suitable for cover plate 0669 ...

i 39



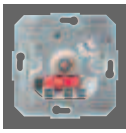
Speed regulator insert with 2-way turn-off switch

0,1 –2.7 A	**0314 00**	1/5	02

Speed regulator for speed regulation of single-phase motors such as induction motors, shaded-pole motors and universal motors. Excess-temperature protection, manual restarting following cooling down. With switch output for slat control or for switching ohmic loads. With spring plug-in terminals and replacement fuse.
Rated current: 0.1 to 2.7 A
Motor current and slat current: max. 2.7 A
Suitable for cover plate 0652 ...
Replacement fuse T 3.15 H 250 049735 → Page 293.

i 39

Speed regulator insert



Speed regulator insert with 2-way turn-off switch

0,1 –2.7 A	**0314 00**	1/5	02

Speed regulator for speed regulation of single-phase motors such as induction motors, shaded-pole motors and universal motors. Excess-temperature protection, manual restarting following cooling down. With switch output for slat control or for switching ohmic loads. With spring plug-in terminals and replacement fuse.
Rated current: 0.1 to 2.7 A
Motor current and slat current: max. 2.7 A
Suitable for cover plate 0652 ...
Replacement fuse T 3.15 H 250 049735 → Page 293.

i 39

	Order no.	Packing unit	PS

Power boosters



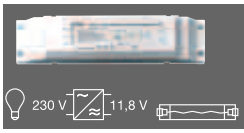
Universal power booster

200 – 500 W/VA

DRA	**1035 00**	1	02

DRA universal power booster for power expansion of universal dimmers, LV dimmers or Tronic dimmers. This enables the load cables of dimmers and power boosters to be switched parallel to the power expansion.
· Lamp-protecting "soft start"
· Integrated electronic short-circuit protection
· Automatic excess-temperature protection
Rated voltage: 230 V AC, 50/60 Hz
Contact rating: 200 to 500 W/VA (more detailed information is provided in the Technical Appendix)
Protection type: IP 20
Dimensions: DRA device, 2 depth module
Universal dimmer 0305 00, 1034 00, 1176 00, 2263 00 → Page 283.
Tronic dimmer 0307 00, 0381 00, 1182 00 → Page 286.
KNX universal dimming actuator 1058 00 → Page 478.
KNX universal dimming actuator 2171 00, 2172 00, 2174 00 → Page 499.
eNet radio dimming actuator 5420 00, 5430 00, 5431 → Page 529.
Radio universal dimmer 0809 00 → Page 557.
Radio universal dimming actuator, 1-gang 1135 00 → Page 561.

i 57



Tronic power booster

100 – 700 W

Surface-mounted installation housing	**0380 00**	1	02

Tronic power booster for power expansion of the Gira Tronic dimmer and Gira universal dimmer by up to 700 W.
By connecting up to 10 power boosters in parallel, extensive lighting systems of Gira Tronic transformers, 230 V light bulbs and high-voltage halogen lamps can be controlled with one dimmer. Use the same phase for Tronic dimmer and Tronic power booster.
· Lamp-protecting "soft start"
· Integrated electronic short-circuit protection
· Automatic excess-temperature protection with restart
Contact rating: 100 to 700 W light bulbs
100 to 700 W Gira Tronic transformer
100 to 700 W HV halogen
mixed loads of specified load types
Ambient temperature: +50 °C
Dimensions: L x W x H 212 x 49 x 46 mm
Universal dimmer 0305 00, 1034 00, 1176 00, 2263 00 → Page 283.
Tronic dimmer 0307 00, 0381 00, 1182 00 → Page 286.
Light-bulb dimming insert 1181 00 → Page 285.
KNX universal dimming actuator 1058 00 → Page 478.
KNX universal dimming actuator 2171 00, 2172 00, 2174 00 → Page 499.
Radio universal dimmer 0809 00 → Page 557.
Radio universal dimming actuator, 1-gang 1135 00 → Page 561.

i 56

	Order no.	Packing unit	PS



LV power booster

100 – 600 VA

Surface-mounted installation housing	**0364 00**	1	02

LV power booster for power expansion of the LV dimmers by up to 600 VA.
By connecting up to 10 power boosters in parallel, extensive lighting systems of LV halogen lamps with inductive transformers or 230 V light bulbs can be controlled with one dimmer. Use the same phase for LV dimmer and LV power booster.

- Lamp-protecting "soft start"
- Integrated electronic short-circuit protection
- Automatic excess-temperature protection with restart

Contact rating:	100 to 600 W light bulbs 100 to 500 W HV halogen 100 to 600 VA LV halogen, wound transformer mixed loads of specified load types
Ambient temperature:	+45 °C
Dimensions:	L x W x H 212 x 49 x 46 mm

Universal dimmer 0305 00, 1034 00, 1176 00, 2263 00 → Page 283.
LV dimmer 0331 00, 1183 00, 2262 00 → Page 286.
Light bulb dimmer 0302 00, 1181 00 → Page 285.
KNX universal dimming actuator 1058 00 → Page 478.
KNX universal dimming actuator 2171 00, 2172 00, 2174 00 → Page 499.
Radio universal dimmer 0335 01, 0809 00, 1185 .., 1135 00, 2255 00 → Page 557.

i 56

	Order no.	Packing unit	PS

Glow lamp elements



Glow lamp element, 230 V~

0.35 mA power consumption	**0995 00**	10/50	01
0.8 mA power consumption	**0996 00**	10/50	01
1.5 mA power consumption	**0997 00**	10/50	01

Suitable for push switches:
0120 .., 0122 .., 0124 .., 0136 ...
Suitable for rocker switches:
0102 00, 0106 00, 0107 00, 0112 00, 0116 00
Suitable for push rockers:
0150 00, 0151 00, 0152 00, 0156 00
Suitable for pull switches/pull buttons
0142 00, 0146 00, 0165 00



LED illumination insert 12 - 24 V~

red	**0992 00**	10	01
neutral	**1405 00**	10/50	01

20.0 mA power consumption.
Suitable for push switches:
0120 .., 0122 .., 0124 .., 0136 ...
Suitable for rocker switches:
0102 00, 0106 00, 0107 00, 0112 00, 0116 00
Suitable for push rockers:
0150 00, 0151 00, 0152 00, 0156 00
Suitable for pull switches/pull buttons
0142 00, 0146 00, 0165 00



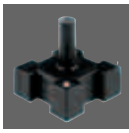
LED illumination insert, 230 V~

yellow 2.6 mA current consumption	**0497 07**	10/50	01
blue 0.8 mA current consumption	**0497 08**	10/50	01
red 2.6 mA current consumption	**0497 10**	10/50	01
White 0.7 mA current consumption	**0497 18**	10	01

Suitable for push switches:
0120 .., 0122 .., 0124 .., 0136 ...
Suitable for rocker switches:
0102 00, 0105 00, 0106 00, 0107 00, 0112 00, 0116 00, 2834 ..
Suitable for push rockers:
0150 00, 0151 00, 0152 00, 0156 00
Suitable for pull switches/pull buttons
0142 00, 0146 00, 0165 00

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Acoustic element, 230 V~ with illumination

0.8 mA power consumption	**0935 00**	1/5	01

The acoustic element with illumination makes it easier for blind people to recognise whether the illumination is on or off. Installed in the switch insert, the acoustic element generates a short, clearly audible sound when the light is switched on. When the light is switched off, no acoustic signal is generated. A reliable indication of whether the light has been switched on or off. As the switch insert is illuminated with the acoustic element, it can also be used in workshops in which both blind people and sighted people work.
Sound frequency: 2.3 kHz ± 500 Hz

Suitable for push switches:
0121 .., 0123 .., 0126 .., 0127 ..
Suitable for rocker switches:
0106 00, 0107 00
Suitable for pull switches:
0146 00



LED illumination insert, 230 V~ for SCHUKO socket outlets with control light

yellow	**0497 11**	1/5	01
blue	**0497 12**	1/5	01
red	**0497 13**	1/5	01
white	**0497 19**	1	01

1.14 mA current consumption (yellow/red). 1.8 mA current consumption (blue) 0.5 mA current consumption (white).
Suitable for SCHUKO socket outlets with control light 0452 .., 0435 .., 0468 .., 0469 ..
Suitable for SCHUKO socket outlet with control light and hinged cover 2753 .., 2754 .., 2763 ..

	Order no.	Packing unit	PS

Illumination inserts



Control lamp insert 400 V~

	049800	10/50	01

Only for 3-pole surface-mounted, water-protected control circuit breaker.



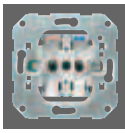
Light bulb element 12 V~ (for push buttons for low voltage up to 42 V~)

22 – 25 mA Power consumption, housing black	**049814**	5	01

Suitable for push buttons for low voltage up to 42 V~0153 ...

	Order no.	Packing unit	PS

Light Signal and Accessories



Light signal insert

	0161 00	1/5	01

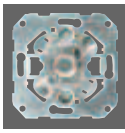
Can be illuminated with neon lamp elements for light signal.
Suitable for cover plate 0658 .., 0659 .., 0660 ...
Neon lamp elements 0932 00, 0933 00, 0993 00, 0994 00, 0999 00 → Page 292.



Illumination inserts for light signal

Neon lamp element 230 V~			
(similar to E 10) 1.4 mA	**0993 00**	10	01
2.0 mA	**0999 00**	10	01
Light bulb element 230 V~			
(similar to E 14) 13 mA	**0994 00**	10	01
Light bulb element 12 V~			
250 mA	**0932 00**	1	01
Light bulb element 24 V~			
125 mA	**0933 00**	10	01

Suitable for light signal insert, water-protected surface-mounted light signal and surface-mounted light signal
Light signal insert 0161 00 → Page 292.



Light signal insert E 10

	0160 00	1/5	01

Can be illuminated with neon-glow lamp E 10.
Suitable for cover plate 0658 .., 0660 ...
Neon-glow lamp E 10, 2.0 mA, 049705 → Page 292.



Neon-glow lamp E 10, 230 V~

2.0 mA power consumption (EBT)	**049705**	10	01

Suitable for light signal insert E 10.
Light signal insert (E 10) 0160 00 → Page 292.

	Order no.	Packing unit	PS



Flat plug-in covering cap for light signal

S-Color			
red	**0803 02**	5	01
green	**0801 02**	5	01
yellow	**0804 02**	5	01
clear	**0806 02**	5	01

Can be illuminated with neon lamp elements for light signal.
Suitable for S-Color cover plate 0658 .. → Page 235.



Flat plug-in covering cap for light signal

System 55, E22, Gira F100			
red	**0803 20**	5/25	11
green	**0801 20**	5	11
yellow	**0804 20**	5	11
clear	**0806 20**	5/25	11
clear as an information field[1)]	**0807 20**	5	11

Not suitable if the following light bulb elements are used **0932 00**, **0933 00** und **0994 00**.
[1)]Including symbol and inscription set.
Suitable for cover plate 0660 ...



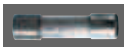
Covering caps with bayonet lock for light signal

red	**0803 01**	5	01
green	**0801 01**	1	01
yellow	**0804 01**	1	01
clear	**0806 01**	1	01

Suitable for cover plate 0659 ...

The delivery results subject to countries specific assortments.

Replacement Fuses



Replacement fuse

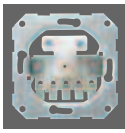
	Order no.	Packing unit	PS
F 500 H 250 V Electronic potentiometer **0308 00**, **0309 00**	**049722**	10	01
T 1.6 H 250 V Dimmer 400 W **0300 00**, **1184 00**	**049727**	10	01
T 2.5 H 250 V Speed regulator **0314 00**, **0314 30**, Dimmer 60 – 450 W **0301 30** Dimmer 60 – 600 W **0302 00**	**049732**	10	01
T 2 H 250 V System 2000 LV dimmer **0331 00**	**049806**	10	01
T 3.15 H 250 V Low-voltage dimmer 20 – 500 VA **0306 00**	**049735**	10	01

The specification of the fuse values refers to the current production status of the devices.
It is recommended that you use original fuses only.

Replacement fuse 0497 36 for „British Standard“

	Order no.	Packing unit	PS
Micro-fuse	**0497 36**	10	29

Other



Cord outlet insert with 5-pole lustre terminal

Order no.	Packing unit	PS
0400 00	1/5	01

Connections: Screwed terminals max. 2.5 mm^2
Suitable for cover plate 0274 ...

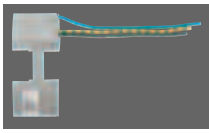


Switch-on current limiter

Order no.	Packing unit	PS
0810 00	1/5	02

For limiting switch-on currents in the case of problem loads such as energy-saving lamps and parallel-compensated fluorescent lamps. Due to its compact dimensions, the switch-on current limiter can be installed in a normal flush-mounted wall box, e.g. behind an automatic control-switch insert (relay). The device is installed in series to the load.

Rated voltage:	230 V / 50 Hz
Contact rating:	max. 200 W
Ambient temperature:	+25 °C
Connection:	2 flexible connection wires with length of approx. 70 mm
Dimensions:	L x W x H 50 x 32 x 12 mm



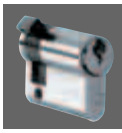
Voltage-overload protection module with acoustic signal

Order no.	Packing unit	PS
0339 00	1	02

SCHUKO socket outlets can be outfitted as voltage-overload protection socket outlets with this module. The module is simply glued onto and connected to the socket outlet base. The devices connected to the socket outlet are then protected from dangerous excess voltages.

Maximum nominal discharge surge current: (8/20) to 4.5 kA

i 34



Profile semi-cylinder lock

	Order no.	Packing unit	PS
sorted closures[1)]	**0001 00**	1/5	02
with same locking types[1)]	**0002 00**	1/5	02
VdS class B[2)]	**0003 00**	1	02

For use in key switches.
[1)]With 5 pin tumblers and 3 keys.
Basic length: 30 mm
Total length: 40 mm
[2)]With 3 differently-locking nickle-silver keys, with safety card. VdS approval: M 198 330
Basic length: 31. mm
Total length: 41.5 mm

Key switch inserts 0144 00, 0163 00 → Page 277.

i 91

	Order no.	Packing unit	PS



Pin-jack plug bracket DIN 42 801 for equipotential bonding socket

For lines up to 6 mm^2	**044757**	5/25	01

With yellow insulating bush.
Equipotential bonding socket 0405 ...



Extension claw for flush-mounted devices

	049810	10/50	01

For installation in walls having thick plaster coatings/additional wall lining. Can be mounted in the device claws.
Not to be used for:
Blind switches with knob, key switches for cylinder lock, time switches, time clocks, electronic devices, multiple socket outlets, telecommunication jacks, room thermostats, cooker socket outlets.

Inscription area with neutral foil

	0014 00	5/25	01

Simply clip onto the cover plate.
Suitable for S-Color. Can be inscribed with rub-on letters (Letraset), Dymo tape, width 7 mm.
Particularly recommended:
neutral inscription form 0016 00 → Page 294.



Inscription sheet set with 20 fields

	0016 00	5	01

Suitable for S-Color and water-protected surface-mounted system. The fields (neutral, green for safety power supply, orange for supplementary power supply and a range of common inscriptions) – fabricated from a particularly rugged special foil – are adapted to typewriter line spacing. **The recommendation: Inscribe cleanly with typewriter – using spacing which conforms with the line spacing –.** Can also be inscribed using rub-on letters (Letraset), Dymo tape, width 7 mm.
Five inscription sheets – with 20 fields each – are contained in each packing unit.

	Order no.	Packing unit	PS

Inscription sheets/inscription software

Inscription sheets			
60.7 x 11.8 mm 60 labelling fields	**1450 00**	1	09
62.1 x 12.0 mm 60 labelling fields	**1451 00**	1	09
48.8 x 6.8 mm 108 labelling fields	**1452 00**	1	09
54.5 x 7.0 mm 108 labelling fields	**1453 00**	1	09
67.5 x 6.9 mm 72 labelling fields	**1454 00**	1	09
51.2 x 7.0 mm 108 labelling fields	**1455 00**	1	09
46.9 x 36.9 mm 28 labelling fields	**1456 00**	1	09
62.8 x 6.8 mm 108 labelling fields	**1457 00**	1	09
62.0 x 62.0 mm 12 labelling fields	**1458 00**	1	09
62.0 x 18.0 mm 42 labelling fields	**1459 00**	1	09

Pre-perforated inscription sheets of a PET foil with the A4 format for the inscription software **1423 00**. The inscription sheets can only be printed with a laser printer.
Labelling software 1423 00 → Page 295.

Inscription sheets for E2 cover frames suitable for			
Type 1 10 x 6 labelling fields	**1411 00**	1	01
Type 2 10 x 2/2 labelling fields	**1412 00**	1	01
Type 3 20 x 2 labelling fields	**1413 00**	1	01

Inscription sheets in the A4 format for the cover frames E2, 1-gang to 3-gang, suitable for inscription. Can be printed with most commercially available laser and ink-jet printers.
Cover frame E2 0711 22, 0712 22, 0713 22 → Page 89.
Labelling software 1423 00 → Page 295.

Type 1
20 pre-perforated inscription sheets for E2 1-gang cover frames **0711 22** suitable for inscription.
Six 1-gang cover frames can be inscribed per sheet.

Type 2
10 pre-perforated inscription sheets for E2 cover frames **0711 22** and **0712 22** suitable for inscription.
Two 1-gang cover frames and two 2-gang cover frames can be inscribed per sheet.

Type 3
20 pre-perforated inscription sheets for E2 3-gang cover frames **0713 22** suitable for inscription.
Two 3-gang cover frames can be inscribed per sheet.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Inscription sheets for Gira F100

69 x 67 mm			
9 labelling fields			
cream white	**2871 111**	1	09
pure white	**2871 112**	1	09
33.5 x 67 mm			
21 labelling fields			
cream white	**2872 111**	1	09
pure white	**2872 112**	1	09
21.8 x 67 mm			
33 labelling fields			
cream white	**2873 111**	1	09
pure white	**2873 112**	1	09
15.8 x 67 mm			
48 labelling fields			
cream white	**2874 111**	1	09
pure white	**2874 112**	1	09
23.7 x 66.3 mm			
30 labelling fields			
cream white	**2875 111**	1	09
pure white	**2875 112**	1	09
11.7 x 66.3 mm			
63 labelling fields			
cream white	**2876 111**	1	09
pure white	**2876 112**	1	09

Pre-perforated inscription sheets of a PET foil with the A4 format for the inscription software **1423 00**. The inscription sheets can only be printed with a laser printer.
Labelling software 1423 00 → Page 295.

Inscription sheets for System 55/E22 push button sensor 2/3, call button, flat radio wall

Push button sensor 2/3, call button, flat radio wall transmitter			
3 x 25 labelling fields			
38 x 54 mm	**1090 00**	1	06
Push button sensor 3 Plus			
2 x 35 labelling fields			
38 x 36 mm	**1089 00**	1	06

Pre-perforated inscription sheets of a PET foil with the A4 format for the inscription software **1423 00**. The inscription sheets can only be printed with a laser printer.
Labelling software 1423 00 → Page 295.

Push button sensor 2/3, call button, flat radio wall transmitter
Sheet for push button sensor 2/3, lower operating section of push button sensor 3 Plus, 5-gang, call button for home stations and flat radio wall transmitter.
Scope of supply: 3 sheets with 25 spaces each

Push button sensor 2, 1011 00, 1012 .., 1013 ..
Push button sensor 3, 5111 00, 5112 00, 5113 00, 5131 00, 5132 00, 5133 00, 5134 00, 5136 00 → Page 424.
Push button sensor 3 Plus 5-gang 5145 00 → Page 434.
Flat radio wall transmitter 1111 .., 1113 .. → Page 543.
Call button for home station 1283 .., 1285 .. → Page 367.

Push button sensor 3 Plus
Sheet for push button sensor 3 Plus, 2-gang and upper operating section of push button sensor 3 Plus, 5-gang. For the lower operating section of push button sensor 3 Plus, 5-gang, the sheet **1090 00** must be used.
Scope of supply: 2 sheets with 35 spaces each

Push button sensor 3 Plus 2-gang 5142 00 → Page 431.
Push button sensor 3 Plus 5-gang 5145 00 → Page 434.

	Order no.	Packing unit	PS

Inscription sheets for LED signal light, LED orientation light

51 x 51 mm			
15 labelling fields			
transparent	**2870 00**	1	09
pure white	**2870 02**	1	09

Pre-perforated inscription sheets of a PET foil with the A4 format for the inscription software **1423 00**. The inscription sheets can only be printed with a laser printer.
Transparent: the text cannot be read when switched off.
Pure white: the text can also be read when switched off.
LED illumination 1169 00, 1171 .., 2361 00 → Page 49.
Labelling software 1423 00 → Page 295.

Labelling software DesignPro™ Edition Gira

German/English	**1423 00**	1	09

Software for inscribing the Gira A4 inscription sheets.
Professional software solution from Avery Zweckform. With DesignPro the design and printing of labels and cards is child's play. Over 500 Avery Zweckform labels and cards are available as a template. Simply select the desired template, design it as desired and print it in the required quantity.

- Multi-layout function, i.e. each label can be designed individually
- Editor for semi-circular and circular or oval text
- Drawing tools for lines, rectangles, circles and polygons
- Barcode editor (more than 10 barcode types for industry and trade, e.g. EAN 8, EAN 13, EAN 128, Code 39, Code 2 of 5, Code 128 etc.)
- Graphic import function (e.g. BMP, WMF, TIF, JPG, PCD, PCX, EPS etc.)
- Counter function (numeric or alphabetical)
- File import via ODBC (e.g. from Access®, Excel®, dBase®, text etc.) incl. filter and sorting function
- Creation of user's own databases in dBase® format
- Automatic reading in of data carrier directories for backups
- Many practical help functions (e.g. access to system data and time or to character set tables, display of unprintable margins, anchoring of objects etc.)
- Grids, help lines and rulers for exact alignment
- Free rotating of objects
- Drag & Drop function
- CD-ROM
- System requirements: Pentium processor, Microsoft® Windows® 95/98, NT 4.0, 2000 or XP

The new “British Standard” range from Gira complies with the inspection criteria of the “British Standard” Institute for Standardisation.

The range features over 17 new functions that can be integrated into the typically angular “British Standard” box and over 13 new functions that can be integrated into the circular flush-mounted box.

The “British Standard” functions are available in two different support ring versions: for installation in the circular flush-mounted box functions with a 71 mm support ring are required, while with the angular “British Standard” box only functions with an 80 mm support ring can be integrated.

A special 80 mm adapter support ring is required for the installation of common System 55 functions in the angular “British Standard” box.

The range of “British Standard” functions matches the Gira System 55 and E22 switch ranges: the ranges Event, Esprit and E22 are available with use of the “British Standard” box, and with installation in the circular flush-mounted box the ranges Standard 55, E2, Event, Esprit, E22, and with use of a special intermediate plate the F100. (See installation overview on page 297)

All functions with control display feature clearly visible, orange-coloured LED lights.

With 300 functions, the System 55 is the largest “British Standard” range conforming to standards on the international market. The comprehensive range includes socket outlets, dimmers, rocker and push switches, blind control, air-conditioning control and much more. All functions for intelligent building management are available, guaranteeing convenient, economic and safe living.



1



2



3

1
Gira Esprit,
glass black/colour aluminium
Push Switch “British Standard”,
3-gang, 1-pole
with 80 mm support ring

2
Gira E22 Thermoplastic
pure white glossy
Socket outlet “British Standard”,
can be switched off,
with LED control light
with 80 mm support ring

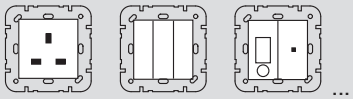
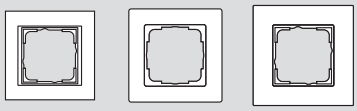
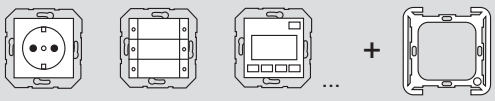
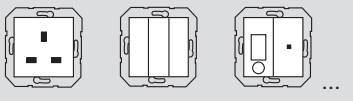
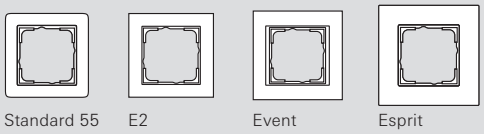
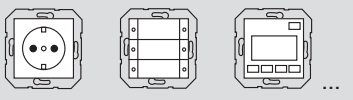
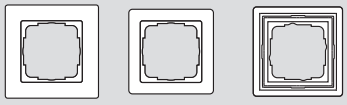
3
Gira Event Clear,
green/pure white glossy
fused outlet “British Standard”
with control light
with 80 mm support ring

“British Standard”
Flush-mounted inserts and accessories

“British Standard”

Sockes outlets with support ring 80 × 80 mm 298
Sockes outlets with support ring 71 × 71 mm 300
Fused outlets with support ring 80 × 80 mm 301
Fused outlets with support ring 71 × 71 mm 301
Switches and push buttons with support ring 80 × 80 mm 302
Switches and push buttons with support ring 71 × 71 mm 303
Adapter support ring 303

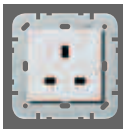
Installation overview: “British Standard” in System 55.

Flush-mounted boxes	Functions	Switch ranges
Angular “British Standard” box	 “British Standard” with 80 mm support ring (a total of 17 functions)	 Event, E 22, Esprit
	 System 55 with 71 mm support ring (in total more than 280 functions) + 80 mm adapter support ring*	
Circular flush-mounted box	 “British Standard” with 71 mm support ring (a total of 13 functions)	 Standard 55, E2, Event, Esprit
	 System 55 with 71 mm support ring (in total more than 280 functions)	 E 22, Stainless Steel, F 100 **

* An 80 mm adapter support ring is required for the installation of System 55 functions in the “British Standard” box (Order no. 2849 00).

** For use of the functions from System 55 in the F 100 switch range, a special intermediate plate is required (Order no. 0289 xx).

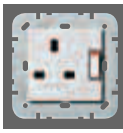
Socket outlets with support ring 80 x 80 mm / 80 x 132 mm



Socket outlet „British Standard" (BS 1363-2) 13 A 250 V~

	Order no.	Packing unit	PS
cream white glossy	**2777 01**	10	29
pure white glossy	**2777 03**	10	29
anthracite	**2777 28**	10	29
colour aluminium	**2777 26**	10	29
Stainless Steel	**2777 20**	10	29
Aluminium	**2777 203**	10	29
pure white glossy	**2777 03**	10	29

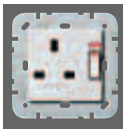
With screw terminals. For screw attachment only.
Cover frames for combinations vertical and horizontal „British Standard" for support ring 80 x 80 mm, 0211 207, 0211 208, 0211 209 → Page 174.



Socket outlet „British Standard" (BS 1363-2) can be switched off, 13 A 250 V~

	Order no.	Packing unit	PS
cream white glossy	**2779 01**	10	29
pure white glossy	**2779 03**	10	29
anthracite	**2779 28**	10	29
colour aluminium	**2779 26**	10	29
Stainless Steel	**2779 20**	10	29
Aluminium	**2779 203**	10	29
pure white glossy	**2779 03**	10	29

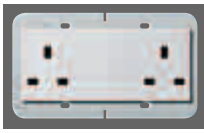
With screw terminals. For screw attachment only.
Cover frames for combinations vertical and horizontal „British Standard" for support ring 80 x 80 mm, 0211 207, 0211 208, 0211 209 → Page 174.



Socket outlet „British Standard" (BS 1363-2) can be switched off, with LED control light, 13 A 250 V~

	Order no.	Packing unit	PS
cream white glossy	**2781 01**	10	29
pure white glossy	**2781 03**	10	29
anthracite	**2781 28**	10	29
colour aluminium	**2781 26**	10	29
Stainless Steel	**2781 20**	10	29
Aluminium	**2781 203**	10	29
pure white glossy	**2781 03**	10	29

With screw terminals. For screw attachment only.
Cover frames for combinations vertical and horizontal „British Standard" for support ring 80 x 80 mm, 0211 207, 0211 208, 0211 209 → Page 174.



2-gang socket outlet „British Standard" (BS 1363-2) 13 A 250 V~

	Order no.	Packing unit	PS
cream white glossy	**2782 01**	5	29
pure white glossy	**2782 03**	5	29
anthracite	**2782 28**	5	29
colour aluminium	**2782 26**	5	29
Stainless Steel	**2782 20**	5	29
Aluminium	**2782 203**	5	29
pure white glossy	**2782 03**	5	29

With screw terminals. For screw attachment only.
Cover frames for combinations vertical and horizontal, without crossbar „British Standard" for support ring 80 x 132 mm, 1002 207, 1002 208, 1002 209 → Page 175.



2-gang socket outlet „British Standard" (BS 1363-2) can be switched off, 13 A 250 V~

	Order no.	Packing unit	PS
cream white glossy	**2783 01**	5	29
pure white glossy	**2783 03**	5	29
anthracite	**2783 28**	5	29
colour aluminium	**2783 26**	5	29
Stainless Steel	**2783 20**	5	29
Aluminium	**2783 203**	5	29
pure white glossy	**2783 03**	5	29

With screw terminals. For screw attachment only.
Cover frames for combinations vertical and horizontal, without crossbar „British Standard" for support ring 80 x 132 mm, 1002 207, 1002 208, 1002 209 → Page 175.



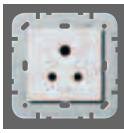
2-gang socket outlet „British Standard" (BS 1363-2) can be switched off, with LED control light, 13 A 250 V~

	Order no.	Packing unit	PS
cream white glossy	**2784 01**	5	29
pure white glossy	**2784 03**	5	29
anthracite	**2784 28**	5	29
colour aluminium	**2784 26**	5	29
Stainless Steel	**2784 20**	5	29
Aluminium	**2784 203**	5	29
pure white glossy	**2784 03**	5	29

With screw terminals. For screw attachment only.
Cover frames for combinations vertical and horizontal, without crossbar „British Standard" for support ring 80 x 132 mm, 1002 207, 1002 208, 1002 209 → Page 175.

The delivery results subject to countries specific assortments.

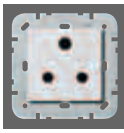
	Order no.	Packing unit	PS



Socket outlet „British Standard" (BS 546), round pin, 5 A 250 V~

cream white glossy	**2773 01**	10	29
pure white glossy	**2773 03**	10	29
anthracite	**2773 28**	10	29
colour aluminium	**2773 26**	10	29
Stainless Steel	**2773 20**	10	29
Aluminium	**2773 203**	10	29
pure white glossy	**2773 03**	10	29

Replaces socket outlet „British Standard" (BS 1363) 13 A 250 V~ 0429 ..
With screw terminals. For screw attachment only.
Cover frames for combinations vertical and horizontal „British Standard" for support ring 80 x 80 mm, 0211 207, 0211 208, 0211 209 → Page 174.



Socket outlet „British Standard" (BS 546), round pin, 15 A 250 V~

cream white glossy	**2775 01**	10	29
pure white glossy	**2775 03**	10	29
anthracite	**2775 28**	10	29
colour aluminium	**2775 26**	10	29
Stainless Steel	**2775 20**	10	29
Aluminium	**2775 203**	10	29
pure white glossy	**2775 03**	10	29

With screw terminals. For screw attachment only.
Cover frames for combinations vertical and horizontal „British Standard" for support ring 80 x 80 mm, 0211 207, 0211 208, 0211 209 → Page 174.

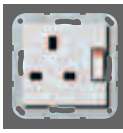
Socket outlets with support ring 71 x 71 mm



Socket outlet „British Standard" (BS 1363-2) 13 A 250 V~

	Order no.	Packing unit	PS
System 55			
cream white glossy	**2776 01**	10	29
pure white glossy	**2776 03**	10	29
anthracite	**2776 28**	10/100	29
colour aluminium	**2776 26**	10	29
E22			
Stainless Steel	**2776 20**	10	29
Aluminium	**2776 203**	10	29
pure white glossy	**2776 03**	10	29

With screw terminals. For screw attachment only.



Socket outlet „British Standard" (BS 1363-2) can be switched off, 13 A 250 V~

	Order no.	Packing unit	PS
System 55			
cream white glossy	**2778 01**	10	29
pure white glossy	**2778 03**	10	29
anthracite	**2778 28**	10	29
colour aluminium	**2778 26**	10	29
E22			
Stainless Steel	**2778 20**	10	29
Aluminium	**2778 203**	10	29
pure white glossy	**2778 03**	10	29

With screw terminals. For screw attachment only.



Socket outlet „British Standard" (BS 1363-2) can be switched off, with LED control light, 13 A 250 V~

	Order no.	Packing unit	PS
System 55			
cream white glossy	**2780 01**	10	29
pure white glossy	**2780 03**	10	29
anthracite	**2780 28**	10	29
colour aluminium	**2780 26**	10	29
E22			
Stainless Steel	**2780 20**	10	29
Aluminium	**2780 203**	10	29
pure white glossy	**2780 03**	10	29

With screw terminals. For screw attachment only.



Socket outlet „British Standard" (BS 546), round pin, 5 A 250 V~

	Order no.	Packing unit	PS
System 55			
cream white glossy	**2772 01**	10	29
pure white glossy	**2772 03**	10	29
anthracite	**2772 28**	10	29
colour aluminium	**2772 26**	10	29
E22			
Stainless Steel	**2772 20**	10	29
Aluminium	**2772 203**	10	29
pure white glossy	**2772 03**	10	29

With screw terminals. For screw attachment only.



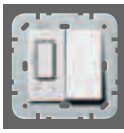
Socket outlet „British Standard" (BS 546), round pin, 15 A 250 V~

	Order no.	Packing unit	PS
System 55			
cream white glossy	**2774 01**	10	29
pure white glossy	**2774 03**	10	29
anthracite	**2774 28**	10	29
colour aluminium	**2774 26**	10	29
E22			
Stainless Steel	**2774 20**	10	29
Aluminium	**2774 203**	10	29
pure white glossy	**2774 03**	10	29

With screw terminals. For screw attachment only.

The delivery results subject to countries specific assortments.

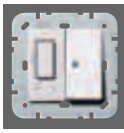
Fused outlets with support ring 80 x 80 mm



Fused outlet „British Standard" (BS 1363-4) can be switched off 13 A 250 V~

	Order no.	Packing unit	PS
cream white glossy	**2786 01**	10	29
pure white glossy	**2786 03**	10	29
anthracite	**2786 28**	10	29
colour aluminium	**2786 26**	10	29
Stainless Steel	**2786 20**	10	29
Aluminium	**2786 203**	10	29
pure white glossy	**2786 03**	10	29

New. Available starting January 2013.
With screw terminals. For screw attachment only.
Replacement fuse 0497 36 for „British Standard" → Page 293.
Cover frames for combinations vertical and horizontal „British Standard" for support ring 80 x 80 mm, 0211 207, 0211 208, 0211 209 → Page 174.

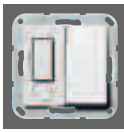


Fused outlet „British Standard" (BS 1363-4) can be switched off, with LED control light, 13 A 250 V~

	Order no.	Packing unit	PS
cream white glossy	**2788 01**	10	29
pure white glossy	**2788 03**	10	29
anthracite	**2788 28**	10	29
colour aluminium	**2788 26**	10	29
Stainless Steel	**2788 20**	10	29
Aluminium	**2788 203**	10	29
pure white glossy	**2788 03**	10	29

New. Available starting January 2013.
With screw terminals. For screw attachment only.
Replacement fuse 0497 36 for „British Standard" → Page 293.
Cover frames for combinations vertical and horizontal „British Standard" for support ring 80 x 80 mm, 0211 207, 0211 208, 0211 209 → Page 174.

Fused outlets with support ring 71 x 71 mm



Fused outlet „British Standard" (BS 1363-4) can be switched off 13 A 250 V~

	Order no.	Packing unit	PS
System 55			
cream white glossy	**2785 01**	10	29
pure white glossy	**2785 03**	10	29
anthracite	**2785 28**	10	29
colour aluminium	**2785 26**	10	29
E22			
Stainless Steel	**2785 20**	10	29
Aluminium	**2785 203**	10	29
pure white glossy	**2785 03**	10	29

New. Available starting January 2013.
With screw terminals. For screw attachment only.
Replacement fuse 0497 36 for „British Standard" → Page 293.



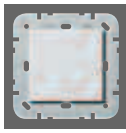
Fused outlet „British Standard" (BS 1363-4) can be switched off, with LED control light, 13 A 250 V~

	Order no.	Packing unit	PS
System 55			
cream white glossy	**2787 01**	10	29
pure white glossy	**2787 03**	10	29
anthracite	**2787 28**	10	29
colour aluminium	**2787 26**	10	29
E22			
Stainless Steel	**2787 20**	10	29
Aluminium	**2787 203**	10	29
pure white glossy	**2787 03**	10	29

New. Available starting January 2013.
With screw terminals. For screw attachment only.
Replacement fuse 0497 36 for „British Standard" → Page 293.

Switches and push buttons with support ring 80 x 80 mm

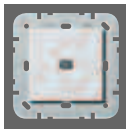
Switch „British Standard" (BS EN 60669-1), 2-pole, 20 A 250 V~



	Order no.	Packing unit	PS
cream white glossy	**2837 01**	10	29
pure white glossy	**2837 03**	10	29
anthracite	**2837 28**	10	29
colour aluminium	**2837 26**	10	29
Stainless Steel	**2837 20**	10	29
Aluminium	**2837 203**	10	29
pure white glossy	**2837 03**	10	29

With screw terminals. For screw attachment only.
Cover frames for combinations vertical and horizontal „British Standard" for support ring 80 x 80 mm, 0211 207, 0211 208, 0211 209 → Page 174.

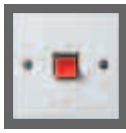
Switch „British Standard" (BS EN 60669-1), 2-pole, with LED-control light 20 A 250 V~



	Order no.	Packing unit	PS
cream white glossy	**2835 01**	10	29
pure white glossy	**2835 03**	10	29
anthracite	**2835 28**	10	29
colour aluminium	**2835 26**	10	29
Stainless Steel	**2835 20**	10	29
Aluminium	**2835 203**	10	29
pure white glossy	**2835 03**	10	29

With screw terminals. For screw attachment only.
LED illumination insert, 230 V~ 0497 10 → Page 290.
Cover frames for combinations vertical and horizontal „British Standard" for support ring 80 x 80 mm, 0211 207, 0211 208, 0211 209 → Page 174.

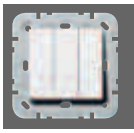
Switch „British Standard" (BS EN 60669-1), 45 A 250 V~



	Order no.	Packing unit	PS
cream white glossy	**2838 01**	1	29
pure white glossy	**2838 03**	1	29
anthracite	**2838 28**	1	29
colour aluminium	**2838 26**	1	29
Stainless Steel	**2838 20**	1	29
Aluminium	**2838 203**	1	29
pure white glossy	**2838 03**	1	29

With screw terminals. For screw attachment only.

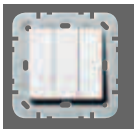
Switch „British Standard" (BS EN 60669-1), 3-gang ON/OFF



	Order no.	Packing unit	PS
cream white glossy	**2831 01**	10	29
pure white glossy	**2831 03**	10	29
anthracite	**2831 28**	10	29
colour aluminium	**2831 26**	10	29
Stainless Steel	**2831 20**	10	29
Aluminium	**2831 203**	10	29
pure white glossy	**2831 03**	10	29

With screw terminals. For screw attachment only.
Cover frames for combinations vertical and horizontal „British Standard" for support ring 80 x 80 mm, 0211 207, 0211 208, 0211 209 → Page 174.

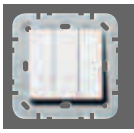
Switch „British Standard" (BS EN 60669-1), 3-gang, 2-way



	Order no.	Packing unit	PS
cream white glossy	**2833 01**	10	29
pure white glossy	**2833 03**	10	29
anthracite	**2833 28**	10	29
colour aluminium	**2833 26**	10	29
Stainless Steel	**2833 20**	10	29
Aluminium	**2833 203**	10	29
pure white glossy	**2833 03**	10	29

With screw terminals. For screw attachment only.
Cover frames for combinations vertical and horizontal „British Standard" for support ring 80 x 80 mm, 0211 207, 0211 208, 0211 209 → Page 174.

Push button „British Standard" (BS EN 60669-1), 3-gang, 1-pole, 10 A 250 V~



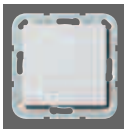
	Order no.	Packing unit	PS
cream white glossy	**2845 01**	10	29
pure white glossy	**2845 03**	10	29
anthracite	**2845 28**	10	29
colour aluminium	**2845 26**	10	29
Stainless Steel	**2845 20**	10	29
Aluminium	**2845 203**	10	29
pure white glossy	**2845 03**	10	29

With screw terminals. For screw attachment only.

The delivery results subject to countries specific assortments.

Switches and push buttons with support ring 71 x 71 mm

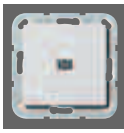
Switch „British Standard" (BS EN 60669-1), 2-pole, 20 A 250 V~



	Order no.	Packing unit	PS
System 55			
cream white glossy	**2836 01**	10	29
pure white glossy	**2836 03**	10	29
anthracite	**2836 28**	10	29
colour aluminium	**2836 26**	10	29
E22			
Stainless Steel	**2836 20**	10	29
Aluminium	**2836 203**	10	29
pure white glossy	**2836 03**	10	29

With screw terminals. For screw attachment only.

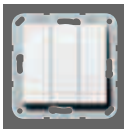
Switch „British Standard" (BS EN 60669-1), 2-pole, with LED-control light 20 A 250 V~



	Order no.	Packing unit	PS
System 55			
cream white glossy	**2834 01**	10	29
pure white glossy	**2834 03**	10	29
anthracite	**2834 28**	10	29
colour aluminium	**2834 26**	10	29
E22			
Stainless Steel	**2834 20**	10	29
Aluminium	**2834 203**	10	29
pure white glossy	**2834 03**	10	29

With screw terminals. For screw attachment only.
LED illumination insert, 230 V~ 0497 10 → Page 290.

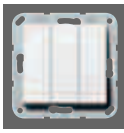
Switch „British Standard" (BS EN 60669-1), 3-gang ON/OFF



	Order no.	Packing unit	PS
System 55			
cream white glossy	**2830 01**	10	29
pure white glossy	**2830 03**	10	29
anthracite	**2830 28**	10	29
colour aluminium	**2830 26**	10	29
E22			
Stainless Steel	**2830 20**	10	29
Aluminium	**2830 203**	10	29
pure white glossy	**2830 03**	10	29

With screw terminals. For screw attachment only.

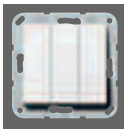
Switch „British Standard" (BS EN 60669-1), 3-gang, 2-way



	Order no.	Packing unit	PS
System 55			
cream white glossy	**2832 01**	10	29
pure white glossy	**2832 03**	10	29
anthracite	**2832 28**	10	29
colour aluminium	**2832 26**	10	29
E22			
Stainless Steel	**2832 20**	10	29
Aluminium	**2832 203**	10	29
pure white glossy	**2832 03**	10	29

With screw terminals. For screw attachment only.

Push button „British Standard" (BS EN 60669-1), 3-gang, 1-pole, 10 A 250 V~

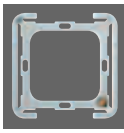


	Order no.	Packing unit	PS
System 55			
cream white glossy	**2844 01**	10	29
pure white glossy	**2844 03**	10	29
anthracite	**2844 28**	10	29
colour aluminium	**2844 26**	10	29
E22			
Stainless Steel	**2844 20**	10	29
Aluminium	**2844 203**	10	29
pure white glossy	**2844 03**	10	29

With screw terminals. For screw attachment only.

Accessories

Adapter support ring 80 x 80 mm



	Order no.	Packing unit	PS
Adapter support ring 80 x 80 mm	**2849 00**	1	29

For integration of Gira functions with support ring 71 x 71 mm.

Blinds and shutters provide protection against the sun and the cold, they act as visual shields and they prevent vandalism and burglary. The Gira blind controller provides comfort, security and value at home because they offer intelligent, time-dependent control options for the ups and downs of everyday life. An astro function ensures that the blind is raised or lowered punctually at sunrise and sunset. The changeover between summer time and winter time is also automatic. A random generator can be used for occupied-home simulation.

The electronic blind controller easy simplifies use. It can be programmed quickly and without operating instructions.

New. **Flat operating top units with precise switch feedback**
Due to their flat design, the new blind control buttons in the Gira blind control system integrate harmoniously in the frames of the Gira switch ranges. Short actuating strokes ensure comfortable and precise switch feedback.

Advantages
Versatility with simple installation: just three flush-mounted inserts are combined with the various top units according to the modular principle. Additional functions are realised using auxiliary inputs.

Using radio technology, central functions can be retrofitted simply and without additional cables.

The top units are available in all Gira switch ranges.

Individual, group and central control is possible.

New. Integration in the Gira eNet radio system.



1


2

Gira blind control system
Flush-mounted inserts and accessories, top units

Blind control system

Inserts	308
Sensors	310
Control buttons	311
Control buttons with sensor evaluation	312
Control buttons with memory function and sensor evaluation	312
New. eNet radio blind control button	313
Radio control button with sensor evaluation	313
Electronic blind controller easy	314
Cut-off relay	314
Signallers and sensors	570

1
Electronic blind controller easy
Gira E2, colour aluminium

2
Control button Standard
Gira E2, colour aluminium

3
New. eNet blind control button,
Gira E2, colour aluminium

4
New. eNet radio wall transmitter, 1-gang
Gira E2, colour aluminium



3



4

Function overview

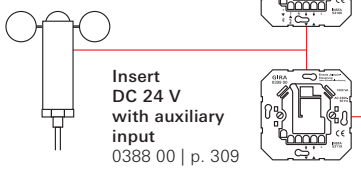
One system that meets all requirements

The system is just as easy to install as it is versatile in use.

For only three flush-mounted inserts are combined with an extremely broad range of top units according to the modular principle – from control buttons for manual operation to the electronic blind controller with sensor evaluation. Central functions, e.g. wind sensor or master push button, are realised with auxiliary inputs.

The cables of the solar and glass-breakage sensors can always be connected VDE-compliant, regardless of whether they're installed flush-mounted, under wallpaper or surface-mounted. The flush-mounted insert offers a connection option for any case.

The top units of the Gira blind control system are available in all Gira switch ranges.



Insert without auxiliary input
0399 00 | p. 308

Insert with auxiliary input
0398 00 | p. 308

Insert DC 24 V with auxiliary input
0388 00 | p. 309

	Functions						Sensors		
	Manual operation	Radio operation	Lock-out protection/ individual running time	Memory function	Time programs	Program memory	Sun sensor	Twilight sensor	Glass-breakage sensor
Control button standard 2324 .. | p. 311 0634 4. | p. 311	●								
Control button 2328 .. | p. 311 0644 4. | p. 311	●		●						
Control button with sensor evaluation 0820 .. | p. 312	●		●				●		●
Control button with memory function and sensor evaluation 0822 .. | p. 312	●			●			●		●
eNet Radio blind control button 0545 .. | p. 313	●	●					●		●
Radio control button with sensor evaluation 0545 .. | p. 313	●	●					●		●
Electronic blind controller easy 0841 .. | p. 314	●			○	●				

The wiring decides

The inserts of the Gira blind controller can be interconnected as desired with auxiliary inputs. This enables the controller for an individual window to become an entire system that can be centrally controlled, suitable for all tasks even in larger buildings.

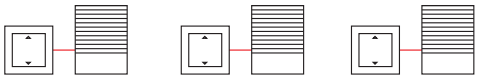
With the electronic blind controller easy no auxiliary or central function is possible.

The Gira blind controller offers three control options. The control pulses can be defined completely as required and individually.

Individual control	manual operation
Group control	remote-controlled
Central control	sensor-controlled
	time-controlled

Individual control

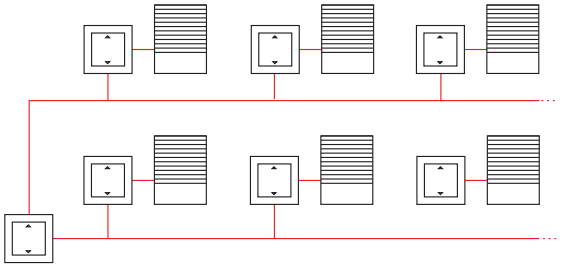
If only a few blinds must be controlled, e.g. in smaller flats, the local individual controller is the ideal solution. Of course, here as well either at the press of a button, by remote control, time or sensor-controlled.



Group control

If several blinds are to be controlled together, a number of controllers are combined to form a group.

One device of the system is used as a master in this case and conveys the control commands to all downstream devices. Of course, each blind can also be controlled individually locally. A group controller is practical, e.g. in a single-family house or in smaller offices.

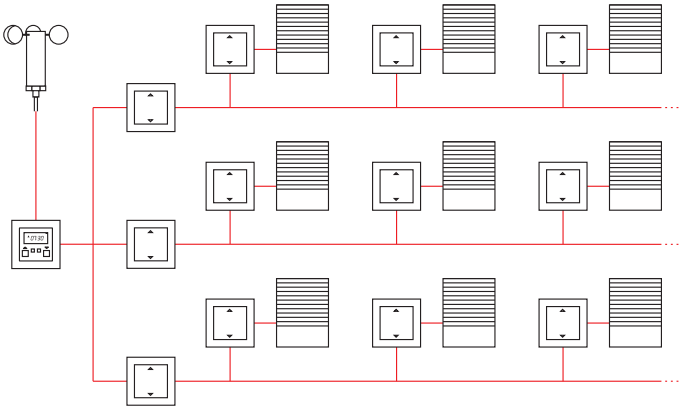


Central control

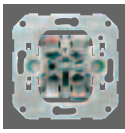
With larger buildings, for example office buildings, it must be possible to control all blinds centrally, for example to protect them from increasing wind. This task can also be assumed automatically by a wind sensor.

For this purpose the devices of each floor are combined in a group and an additional insert is installed as a higher-level master. The blinds can then be also controlled locally by floor or individually if necessary. Central commands can come from various devices, e.g. key switches, movement detectors or switching actuators of the Instabus KNX/EIB system.

The system automatically prevents a collision in case of contradicting commands.



Inserts

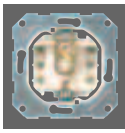


Rocker blind switch/button insert 10 A/250 V~

	Order no.	Packing unit	PS
Switches and push buttons	**0159 00**	10/100	01
Button	**0158 00**	10/100	01

With block preventing two-sided activation.
Electrically and mechanically locked.
Suitable for cover plate 0294 ...
As auxiliary unit suitable for blind controller insert with auxiliary input 0398 00 → Page 308.

i 39

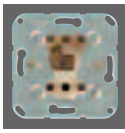


Blind switch/button insert 10 A/250 V~ for cover plate with knob

	Order no.	Packing unit	PS
1-pole group button/switch	**0154 00**	1/5	01
2-pole push button/ switch	**0157 00**	1/5	01

After removing the brass adjustment, can be used as a touch-locking switch.
Suitable for cover plate 0666 ...
As auxiliary unit suitable for blind controller insert with auxiliary input 0398 00 → Page 308.

i 39

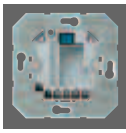


Key switch insert 10 A/250 V~ for all DIN profile semi-cylinder locks

	Order no.	Packing unit	PS
Push button 2-way switch, 1-pole (also group button)	**0163 00**	1/5	02
Switch 2-way switch, 2-pole (also group switch)	**0144 00**	1/5	02

Scope of supply: without lock. Only for screw attachment.
Not suitable for mounting in surface-mounted housings.
Suitable for cover plate 0664 ...
Profile semi-cylinder locks 0001 00, 0002 00, 0003 00 → Page 293.
As auxiliary unit suitable for blind controller insert with auxiliary input 0398 00 → Page 308.

i 39



Blind controller insert without auxiliary input

	Order no.	Packing unit	PS
	0399 00	1	22

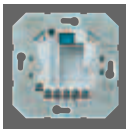
The blind controller insert is installed in combination with the electronic blind controller or a control button in a 60 mm flush-mounted box (deep wall box recommended). Suitable for control of a blind or shutter motors with mechanical or electronic end-position switches

- Motor protection via relay contacts locked opposing with a minimum switchover time of 1 second

Rated voltage:	230 V, 50 Hz N conductor required
Contact rating:	max. 1000 VA
Relay output:	2 NO contact relays (potentially charged and locked back-to-back)

Suitable for:
Control-button top units 0634 .., 0644 .., 0820 .., 0822 .., 2324 .., 2328 .. → Page 311.
eNet radio blind control button, 1-gang 5491 .. → Page 313.
Radio control-button top units with sensor evaluation 0545 .. → Page 313.
Electronic blind controller top units easy 0841 .. → Page 314.

i 59



Blind controller insert with auxiliary input

	Order no.	Packing unit	PS
	0398 00	1	02

The blind controller insert is installed in combination with the electronic blind controller or a control button in a 60 mm flush-mounted box (deep wall box recommended). Suitable for control of a blind or shutter motor with mechanical or electronic end-position switches

- Mechanical buttons or additional blind controller inserts which can be connected via 230 V auxiliary inputs for setting up group controls
- „Wind-alarm function“ which can be realised via auxiliary unit inputs
- Motor protection via relay contacts locked opposing with a minimum switchover time of 1 second

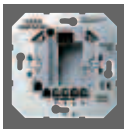
Rated voltage:	230 V, 50 Hz N conductor required
Contact rating:	max. 1000 VA
Relay output:	2 NO contact relays (potentially charged and locked back-to-back)

Blind button/switch inserts 0154 00, 0157 00 → Page 308.
Key switch inserts 0144 00, 0163 00 → Page 308.
Wind sensor Standard 0913 00 → Page 573.
Suitable for:
Control-button top units 0634 .., 0644 .., 0820 .., 0822 .., 2324 .., 2328 .. → Page 311.
eNet radio blind control button, 1-gang 5491 .. → Page 313.
Radio control-button top units with sensor evaluation 0545 .. → Page 313.
Electronic blind controller top units easy (no auxiliary unit function here) 0841 .. → Page 314.

i 59

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Blind controller insert DC 24 V with auxiliary input

	0388 00	1	02

The blind controller insert is installed in combination with the electronic blind controller or a control button in a 60 mm flush-mounted box (deep wall box recommended). The insert enables the control of blind or shutter motors with mechanical or electronic end-position switches operated with 24 V DC. It operates according to the „pole-changing principle“ i.e. the rotating direction of the blind motor is determined by reversing the polarity of the motor outputs. A power supply unit which supplies DC 24 V SELV must be used to supply the insert and control the auxiliary inputs.

- Additional blind controller can be connected to DC 24 V via auxiliary unit inputs
- One or several motors (parallel switching possible) with a maximum total current of 3 A can be controlled
- Motor protection is provided with electronic locking of the top unit

Rated voltage:	DC 24 V
Contact rating:	max. 3 A
Relay output:	2 2-way switch relays (pole-changing circuit)

Blind button/switch inserts 0154 00, 0157 00 → Page 308.
Key switch inserts 0144 00, 0163 00 → Page 308.
Suitable for:
Control-button top units 0634 .., 0644 .., 0820 .., 0822 .., 2324 .., 2328 .. → Page 311.
eNet radio blind control button, 1-gang 5491 .. → Page 313.
Radio control-button top units with sensor evaluation 0545 .. → Page 313.
Electronic blind controller top units easy (no auxiliary unit function here) 0841 .. → Page 314.

i 58

	Order no.	Packing unit	PS

	Order no.	Packing unit	PS

Sensors



Blind control system Solar/twilight sensor indoors

white	**0930 00**	1	02

The solar sensor is attached to the window pane and enables a solar protection function. The position of the sensor on the pane determines the limit to which the blind is to be driven after the brightness value is **exceeded**.
The twilight function enables automatic lowering of the blind after the brightness value is **dropped below**.
The solar sensor must be used in combination with the control button with sensor evaluation and the electronic blind controller with sensor evaluation. The solar and glass-breakage sensors can be connected to a blind controller top unit simultaneously with an adapter.

Length of connection line: 2 m
Cable length: max. 20 m (J-Y(St)Y 2x2x0.6 mm)

Adapter for sensors 0934 00 → Page 310.
Top unit for control button with sensor evaluation 0820 .. → Page 312.
Top unit for control button with memory function and sensor evaluation 0822 .. → Page 312.
Radio control button with sensor evaluation 0545 .. → Page 313.

i 61



Blind control system Solar/twilight sensor outdoors

	1117 00	1	02

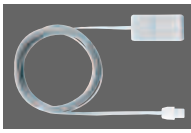
Together with the components of the blind control system, the solar/twilight sensor for outdoor use enables the solar protection and twilight function. These functions are dependent on the top unit used. The solar and glass-breakage sensors can be connected to a blind controller top unit simultaneously with an adapter.

- The solar protection function enables automatic lowering of the blind/shutter after a brightness value is **exceeded**.
- The twilight function enables automatic lowering of the blind/shutter after a brightness value is **exceeded**. The blind/shutter moves into the lower end position.

Ambient temperature: -30 °C to +70 °C
Cable length: max. 20 m (J-Y(St)Y 2x2x0.6 mm)
Protection type: IP 54

Adapter for sensors 0934 00 → Page 310.
Top unit for control button with sensor evaluation 0820 .. → Page 312.
Top unit for control button with memory function and sensor evaluation 0822 .. → Page 312.
Radio control button with sensor evaluation 0545 .. → Page 313.

i 61



Blind control system Glass-breakage sensor

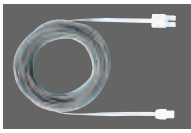
white	**0931 00**	1/5	02

The glass-breakage sensor is attached to the window pane (e.g. using Loctite glass-metal adhesive set). If the window pane is destroyed, the blind is moved into the lower end position.
The glass-breakage sensor must be used in combination with the control button with sensor evaluation and the electronic blind controller. The solar and glass-breakage sensors can be connected to a blind controller top unit simultaneously with an adapter.

Length of connection line: 2 m
Cable length: max. 20 m (J-Y(St)Y 2x2x0.6 mm)

Adapter for sensors 0934 00 → Page 310.
Top unit for control button with sensor evaluation 0820 .. → Page 312.
Top unit for control button with memory function and sensor evaluation 0822 .. → Page 312.
Radio control button with sensor evaluation 0545 .. → Page 313.

i 61



Blind control system Adapter for solar and glass-breakage sensor

white	**0934 00**	1/5	02

If the solar and glass-breakage sensor are connected simultaneously to a blind controller top unit, or if the connection cable is to be extended, this adapter is used.

Connection line: LIYY 2 x 0.14 mm^2
Length of connection line: 5 m

Sun and twilight sensor 0930 00 → Page 310.
Sun and twilight sensor for outside 1117 00 → Page 310.
Glass-breakage sensor 0931 00 → Page 310.
Top unit for control button with sensor evaluation 0820 .. → Page 312.
Top unit for control button with memory function and sensor evaluation 0822 .. → Page 312.
Radio control button with sensor evaluation 0545 .. → Page 313.

i 61

The delivery results subject to countries specific assortments.

Standard control button



Blind control button standard top unit

	Order no.	Packing unit	PS
System 55 New.			
cream white glossy	**2324 01**	1	02
pure white glossy	**2324 03**	1	02
pure white matt	**2324 27**	1	02
anthracite	**2324 28**	1	02
colour aluminium	**2324 26**	1	02
Bronze	**2324 603**	1	02
Brass	**2324 604**	1	02
E22 New.			
Stainless Steel	**2324 20**	1	02
Aluminium	**2324 203**	1	02
pure white glossy	**2324 03**	1	02
Gira F100 New.			
cream white glossy	**2324 111**	1	02
pure white glossy	**2324 112**	1	02
S-Color			
pure white	**0634 40**	1	02
grey	**0634 42**	1	02
red	**0634 43**	1	02
blue	**0634 46**	1	02
black	**0634 47**	1	02

The control button is installed in conjunction with the blind controller insert **0388 00**, **0398 00** or **0399 00** in a 60 mm flush-mounted box (deep box recommended). Control button top unit with large operating area for manual operation of blind and shutter motors.

- When a button is pressed briefly (< 1 s), a pulse corresponding to the amount of time the button is pressed is generated (e.g. for slat adjustment).
- Pressing and holding a button (> 1 s) activates continuous operation (self-locking mode).
- Electronic locking of control button.

Blind controller insert 0388 00, 0398 000, 0399 00 → Page 308.
For integration in Stainless Steel Series 20, Series 21: Intermediate plate 55 x 55 mm 0289 20 → Page 168.

Control buttons



Blind control button top unit

	Order no.	Packing unit	PS
System 55 New.			
cream white glossy	**2328 01**	1	02
pure white glossy	**2328 03**	1	02
pure white matt	**2328 27**	1	02
anthracite	**2328 28**	1	02
colour aluminium	**2328 26**	1	02
Bronze	**2328 603**	1	02
Brass	**2328 604**	1	02
E22 New.			
Stainless Steel	**2328 20**	1	02
Aluminium	**2328 203**	1	02
pure white glossy	**2328 03**	1	02
Gira F100 New.			
cream white glossy	**2328 111**	1	02
pure white glossy	**2328 112**	1	02
S-Color			
pure white	**0644 40**	1/5	02
grey	**0644 42**	1/5	02
red	**0644 43**	1/5	02
blue	**0644 46**	1/5	02
black	**0644 47**	1/5	02

The control button is installed in conjunction with the blind controller insert **0388 00**, **0398 00** or **0399 00** in a 60 mm flush-mounted box (deep box recommended). Control button top unit with large operating area for manual operation of blind and shutter motors.

- When a button is pressed briefly (< 1 s), a pulse corresponding to the amount of time the button is pressed is generated (e.g. for slat adjustment).
- Pressing and holding a button (> 1 s) activates continuous operation (self-locking mode).
- Electronic locking of control button.
- Lock-out protection:
  When activated the blind moves into the upper end position and the LED in the centre of the top unit lights up. The blind controller insert now does not accept any lowering commands via the auxiliary input. Briefly pressing a button or a power failure deactivates the lock-out protection.
- Individual running time:
  If a blind is not to move down to the lower end position („ventilation function"), a shorter running time can be „learned". The individual running time is permanently stored. Repeated „learning" replaces the old running time.

Blind controller insert 0388 00, 0398 000, 0399 00 → Page 308.
For integration in Stainless Steel Series 20, Series 21: Intermediate plate 55 x 55 mm 0289 20 → Page 168.

Control button with sensor evaluation



Blind control button top unit with sensor evaluation

	Order no.	Packing unit	PS
System 55			
cream white glossy	**0820 01**	1/5	02
pure white glossy	**0820 03**	1/5	02
pure white matt	**0820 27**	1/5	02
anthracite	**0820 28**	1/5	02
colour aluminium	**0820 26**	1/5	02
Bronze	**0820 603**	1	02
Brass	**0820 604**	1	02
E22			
Stainless Steel	**0820 20**	1/5	02
Aluminium	**0820 203**	1	02
pure white glossy	**0820 03**	1/5	02
S-Color			
pure white	**0820 40**	1/5	02
grey	**0820 42**	1/5	02
red	**0820 43**	1/5	02
blue	**0820 46**	1/5	02
black	**0820 47**	1/5	02

The control button is installed in conjunction with the blind controller insert **0388 00**, **0398 00** or **0399 00** in a 60 mm flush-mounted box (deep box recommended). Control button top unit with large operating area for manual operation of blind and shutter motors.

- When a button is pressed briefly (< 1 s), a pulse corresponding to the amount of time the button is pressed is generated (e.g. for slat adjustment).
- Pressing and holding a button (> 1 s) activates continuous operation (self-locking mode).
- Electronic locking of control button.
- Option for connecting sun sensor **0930 00**, **1117 00** for protection against direct sunlight
- Brightness value can be set steplessly between approx. 5,000 and 80,000 lux.
- Option for connecting glass-breakage sensor **0931 00** for protection during shaking of glass, glass breakage or burglary.
- The sensor cable is connected to the control button or blind controller insert via a screw terminal.
- Lock-out protection:
  When activated the blind moves into the upper end position and the LED in the centre of the top unit lights up. The blind controller insert now does not accept any lowering commands via the auxiliary input. Briefly pressing a button or a power failure deactivates the lock-out protection.
- Individual running time:
  If a blind is not to move down to the lower end position („ventilation function"), a shorter running time can be „learned". The individual running time is permanently stored. Repeated „learning" replaces the old running time.

Blind controller insert 0388 00, 0398 000, 0399 00 → Page 308.
Sun and twilight sensor 0930 00 → Page 310.
Sun and twilight sensor for outside 1117 00 → Page 310.
Glass-breakage sensor 0931 00 → Page 310.
Adapter for sensors 0934 00 → Page 310.

Control button with memory function and sensor evaluation



Top unit for blind control button with memory function and sensor evaluation

	Order no.	Packing unit	PS
System 55			
cream white glossy	**0822 01**	1/5	22
pure white glossy	**0822 03**	1/5	22
pure white matt	**0822 27**	1/5	22
anthracite	**0822 28**	1/5	02
colour aluminium	**0822 26**	1/5	02
Bronze	**0822 603**	1	02
Brass	**0822 604**	1	02
E22			
Stainless Steel	**0822 20**	1/5	02
Aluminium	**0822 203**	1	02
pure white glossy	**0822 03**	1/5	22
Gira F100			
cream white glossy	**0822 111**	1	02
pure white glossy	**0822 112**	1	02
S-Color			
pure white	**0822 40**	1/5	02
grey	**0822 42**	1/5	02
red	**0822 43**	1/5	02
blue	**0822 46**	1/5	02
black	**0822 47**	1/5	02

The control button is installed in conjunction with the blind controller insert **0388 00**, **0398 00** or **0399 00** in a 60 mm flush-mounted box (deep box recommended). Control button top unit with large operating area for manual operation of blind and shutter motors.

- When a button is pressed briefly (< 1 s), a pulse corresponding to the amount of time the button is pressed is generated (e.g. for slat adjustment).
- Pressing and holding a button (> 1 s) activates continuous operation (self-locking mode).
- Electronic locking of control button

Using its individual memory capability, the control button adapts itself to an up time and down time based on the habits of the user. Both saved blind movement times are repeated in a 24-hour cycle. This results in convenient, automatic blind controller which can be used for occupied-house simulation, for example. The memory mode can be activated or deactivated at any time. Manual blind operation is always possible.

- The up or down movement times are saved by pressing and holding the respective directional button (approx. 2 seconds).
- The operating mode is changed by pressing the direction buttons simultaneously. After approx. 3 seconds, the operating mode is changed and a specific signal tone is emitted.
- Option for connecting sun sensor **0930 00**, **1117 00** for protection against direct sunlight
- Set brightness value of sun sensor approx. 20,000 lux.
- Option for connecting glass-breakage sensor **0931 00** for protection during shaking of glass, glass breakage or burglary.
- The sensor cable is connected to the control button or blind controller insert via a screw terminal.

Blind controller insert 0388 00, 0398 000, 0399 00 → Page 308.
Sun and twilight sensor 0930 00 → Page 310.
Sun and twilight sensor for outside 1117 00 → Page 310.
Glass-breakage sensor 0931 00 → Page 310.
Adapter for sensors 0934 00 → Page 310.

The delivery results subject to countries specific assortments.

eNet radio blind control button



eNet
Radio blind control button, 1-gang

	Order no.	Packing unit	PS
System 55			
cream white glossy	**5491 01**	1	02
pure white glossy	**5491 03**	1	02
pure white matt	**5491 27**	1	02
anthracite	**5491 28**	1	02
colour aluminium	**5491 26**	1	02
Bronze	**5491 603**	1	02
Brass	**5491 604**	1	02
E22			
Stainless Steel	**5491 20**	1	02
Aluminium	**5491 203**	1	02
pure white glossy	**5491 03**	1	02
Gira F100			
cream white glossy	**5491 111**	1	02
pure white glossy	**5491 112**	1	02

New. Available starting April 2013.

The eNet radio blind control button enables manual or radio-controlled operation of an insert for blind control.

- Positioning of blinds and slats using scene call-up
- Threshold value scenes for solar protection, twilight and wind alarms
- Status feedback to eNet radio transmitter

Can be set with eNet server:

- Hanging period
- Slat adjustment time
- Adjustment time when changing directions
- Lock-out protection
- Position for solar protection, twilight, lock-out protection and wind alarms
- Operation locks
- Device software update

Temperature range:	-5 °C to +45 °C
Radio frequency:	868.3 MHz
Range:	approx. 100 m (free field)

Blind controller insert 0388 00, 0398 000, 0399 00 → Page 308.
Additional eNet products → Page 522.
For integration in Stainless Steel Series 20, Series 21: Intermediate plate 55 x 55 mm 0289 20 → Page 168.

Radio control button with sensor evaluation



Radio blind control button with sensor evaluation

	Order no.	Packing unit	PS
System 55			
cream white glossy	**0545 01**	1/5	02
pure white glossy	**0545 03**	1/5	02
pure white matt	**0545 27**	1/5	02
anthracite	**0545 28**	1/5	02
colour aluminium	**0545 26**	1/5	02
Bronze	**0545 603**	1	02
Brass	**0545 604**	1	02
E22			
Stainless Steel	**0545 20**	1/5	02
Aluminium	**0545 203**	1	02
pure white glossy	**0545 03**	1/5	02
Gira F100			
cream white glossy	**0545 111**	1	02
pure white glossy	**0545 112**	1	02
S-Color			
pure white	**0545 40**	1/5	02
grey	**0545 42**	1/5	02
red	**0545 43**	1/5	02
blue	**0545 46**	1/5	02
black	**0545 47**	1/5	02

The radio control button with sensor evaluation is installed in conjunction with the blind controller insert **0388 00**, **0398 00** or **0399 00** in a 60 mm flush-mounted box (deep box recommended). Control button top unit with large operating area for manual operation of blind and shutter motors.

- When a button is pressed briefly (< 1 s), a pulse corresponding to the amount of time the button is pressed is generated (e.g. for slat adjustment).
- Pressing and holding a button (> 1 s) activates continuous operation (self-locking mode).
- Electronic locking of control button.
- Option for connecting sun sensor **0930 00**, **1117 00** for protection against direct sunlight.
- Brightness value can be set steplessly between approx. 5,000 and 80,000 lux.
- Option for connecting glass-breakage sensor **0931 00** for protection during shaking of glass, glass breakage or burglary.
- The sensor cable is connected to the control button or blind controller insert via a screw terminal.
- The end position of the blinds (all the way up, all the way down) can be combined with the illumination into light scenes.

The programming mode is set by touching the centre of the button (> 4 s).

Please observe the planning information in the technical appendix.

Power supply:	from flush-mounted insert
Switching time with change of movement direction:	approx. 1 second
Reception frequency:	433.42 MHz
Temperature range:	0 °C to +55 °C

Blind controller insert 0388 00, 0398 000, 0399 00 → Page 308.
Sun and twilight sensor 0930 00 → Page 310.
Sun and twilight sensor for outside 1117 00 → Page 310.
Glass-breakage sensor 0931 00 → Page 310.
Adapter for sensors 0934 00 → Page 310.
Radio controller 0358 18 → Page 540.
Radio transmitter:
0412 00, 0441 00, 0511 00, 0521 00, 0527 00, 1111 .., 1113 .., 2251 .., 2252 .., 2254 .. → Page 542.
Radio module for smoke detector dual/VdS (only runs up) 2341 00 → Page 541.

Electronic blind controller easy



Top unit electronic blind controller "easy"

	Order no.	Packing unit	PS
System 55			
cream white glossy	**0841 01**	1/5	22
pure white glossy	**0841 03**	1/5	22
pure white matt	**0841 27**	1/5	22
anthracite	**0841 28**	1/5	02
colour aluminium	**0841 26**	1/5	02
Bronze	**0841 603**	1	02
Brass	**0841 604**	1	02
E22			
Stainless Steel	**0841 20**	1/5	02
Aluminium	**0841 203**	1	02
pure white glossy	**0841 03**	1/5	22
Gira F100			
cream white glossy	**0841 111**	1/5	02
pure white glossy	**0841 112**	1/5	02
S-Color			
pure white	**0841 40**	1/5	02
grey	**0841 42**	1/5	02
red	**0841 43**	1/5	02
blue	**0841 46**	1/5	02
black	**0841 47**	1/5	02

The electronic blind controller is installed in conjunction with the blind controller inserts **0388 00** (no auxiliary unit function here), or **0398 00** (no auxiliary unit function here) or **0399 00** in a 60 mm flush-mounted box (deep box recommended).
Blind controller for programmed, time-dependent switching of a blind and shutter motor. The motor must have end-limit switches.

- Switching times preset at the factory for fast commissioning
- 4 switching times
  UP Monday through Friday, DOWN Monday through Friday
  UP Saturday and Sunday, DOWN Saturday and Sunday
- Easy, menu-driven operation and programming via a 4-button field
- Fast programming for adoption of the current time as the programmed movement time
- Programming without flush-mounted insert (in one place) possible
- Power reserve > 6 hours (maintenance-free without batteries)
- Resetting of the blind controller to the factory settings
- Manual control possible at all times
- Electronic locking of blind controller

Switching time with change of movement direction:	approx. 1 second
Pulse duration:	approx. 2 min
Pulse duration for jog commands:	approx. 250 ms
Temperature range:	0 °C to +45 °C

Blind controller insert 0388 00, 0398 000, 0399 00 → Page 308.
Blind controller insert with auxiliary input (no auxiliary unit/main unit function here) 0398 00 → Page 308.
Blind controller insert DC 24 V (no auxiliary unit/ main unit function here) 0388 00 → Page 309.

Cut-off relay



2-gang flush-mounted cut-off relay

	Order no.	Packing unit	PS
Flush-mounted	**0382 00**	1/5	02

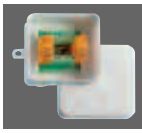
Flush-mounted cut-off relay for installation in a flush-mounted wall box (deep flush-mounted wall box recommended).
Cut-off relays are used to control several blind drives simultaneously. In each case, two drives are electrically de-coupled with one cut-off relay.
With two auxiliary inputs for the individual operation of the blinds an a central input for a central function, e.g. of a time clock or for implementing central controllers is case of distribution over several RCD switches.

Connection:	230 V AC, 4 A, 100 % power-on time
Screw terminals:	central steel wire up, central steel wire down, 1 x L, 1 x N, 2 x drive 1, 2 x drive 2, 1 x auxiliary unit 1, 1 x auxiliary unit 2
Temperature range:	-25 °C to +70 °C

i 62

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



2-gang surface-mounted cut-off relay

Surface-mounted	**0387 00**	1	02

The surface-mounted cut-off relay is supplied in a water-protected junction box for installation in the blind/shutter module.
Cut-off relays are used to control several blind drives simultaneously. In each case, two drives are electrically de-coupled with one cut-off relay.
With two auxiliary inputs for the individual operation of the blinds an a central input for a central function, e.g. of a time clock or for implementing central controllers is case of distribution over several RCD switches.

Connection:	230 V AC, 4 A, 100 % power-on time
Screw terminals:	central steel wire up, central steel wire down, 1 x L, 1 x N, 2 x drive 1, 2 x drive 2, 1 x auxiliary unit 1, 1 x auxiliary unit 2
Temperature range:	-25 °C to +70 °C

i 62

	Order no.	Packing unit	PS



2-gang DRA cut-off relay

DRA	**0861 00**	1	02

DRA cut-off relay for installation on a cap profile rail.
Cut-off relays are used to control several blind drives simultaneously. In each case, two drives are electrically de-coupled with one cut-off relay.
With two auxiliary inputs for the individual operation of the blinds an a central input for a central function, e.g. of a time clock or for implementing central controllers is case of distribution over several RCD switches.

Connection:	230 V AC, 4 A, 100 % power-on time
Screw terminals:	central steel wire up, central steel wire down, 1 x L, 1 x N, 2 x drive 1, 2 x drive 2, 1 x auxiliary unit 1, 1 x auxiliary unit 2
Temperature range:	-25 °C to +70 °C
Protection type:	IP 20
Dimensions:	DRA device, 2.5 depth module

i 62

On. Off. All by itself.
Automatic light is convenient and secure and conserves energy – for home entrances, drives, rooms used only briefly, hallways and staircases. Depending on your preferences, the device is controlled depending on brightness, time or motion.

The Gira product range offers various options for using this function – whether with the Gira Tectiv 220°, the presence detectors, the automatic control switch 360° or the automatic control switches available in all Gira switch ranges.

Automatic control switch 2
The next generation of Gira automatic switches for high installation areas provides even more comfort and security throughout the building. A new detection lens with double sensors significantly increases the power of the detection field and detection quality. Being able to "crawl under" this field is a part of the past with the automatic control switch 2.

The new generation of automatic switches is also offered as a Standard and Comfort top unit for the System 2000. With the Comfort top unit, it is possible to make settings conveniently using remote control. For example, at the press of a button, occupied-home simulation can be conveniently activated for holidays, a nightlight can be switched on or the fixed switch-on brightness for staircases can be set.

Advantages
Comfort, security, value

Observer 70:
Ideal for outdoor use – with its detection field of 70° it is especially well-suited for small properties, e.g. for terraced houses.

Tectiv 220°:
Ideal for outdoor use – with weather-resistant, water-protected, shatter-proof dome that also protects against tampering.

Automatic control switch 360°:
Ideal for ceiling mounting for automatic light control, e.g. in hallways and passageways.

Automatic control switch 2:
More power and security due to new detection lens with double sensors.

Tectiv 220° design
Phoenix Design, Stuttgart

Product information
www.gira.com/brochures



1



2


3

Automatic light
Automatic control switch top units, observers and accessories

Automatic light

Automatic control switch System 2000 top units	320
Automatic control switch 2	321
Automatic control switch 360°	323
Radio automatic control switch	323
Presence detectors	324
New. KNX presence detectors	325
Tectiv 220°	326
Observers	326
Radio observers	327

1
Tectiv 220°,
colour aluminium

2
Observer 70,
pure white

3
Automatic control switch 360°,
pure white

4
Automatic control switch 2
for high installation areas,
Gira E2, pure white glossy

5
Infrared remote control for the
automatic control switch 2
Comfort, included in the scope
of supply



4



5

Combination options

		Order No.	System 2000 inserts  **Triac switch insert** Light bulbs, HV halogen, LV halogen for wound transformer 40 – 400 W/VA Page 280 **0854 00**	 **Tronic switch insert** Light bulbs, HV halogen, LV halogen for Gira Tronic transformer 50 – 420 W Page 280 **0866 00**	 **Relay insert** Light bulbs, fluorescent lamps, halogen lamps ≤ 2300 W Page 281 **0853 00**	 **Relay insert zero-voltage** Light bulbs, HV halogen ≤ 800 W Page 281 **1148 00**
	**Auto. control switch, Standard top unit** Low installation area up to 1.10 m High installation area up to 2.20 m Page 320/321	**1300 ..** **1301 4.**	switching	switching	switching	switching
	**Auto. control switch, Comfort top unit** Low installation area up to 1.10 m High installation area up to 2.20 m Page 320/322	**0661 ..** **0671 4.**	switching	switching	switching	switching
	**Auto. control switch 2, Standard top unit** Page 321	**2301 ..**	switching	switching	switching	switching
	**Auto. control switch 2, Comfort top unit** Page 322	**2302 ..**	switching	switching	switching	switching
	**Presence-detector, Comfort top unit** Page 324	**0317 ..**	switching	switching	switching	switching
	**Auto. control switch 360°** Page 323	**2270 ..**	switching	switching	switching	switching
	**Top unit for switching and dimming** Page 47/144/189	**2316 ..**	switching	switching	switching	switching
	**Touch dimming top unit** Page 48/144	**2260 ..**				
	**Touch switching top unit** Page 32/138	**2261 ..**	switching	switching	switching	switching
	**Radio top unit for switching and dimming** Gira radio bus system, Page 554 Gira eNet, Page 527	**0543 ..** **5490 ..**	switching	switching	switching	switching

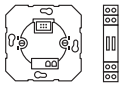
For an installation height of 1.10 m with purely horizontally aligned detection area, which means it doesn't have its own range limitation outdoors

For an installation height of 2.20 m with angled, vertically aligned detection area

The use of automatic control switches and presence detector top units on System 2000 flush-mounted inserts requires a release status of R2 or higher for these inserts.

Use with the System 2000 impulse insert 0336 00 requires at least the release status R3 for the automatic control switch and presence detector top units.

A free combination of the System 2000 inserts and top units for the realisation of an extended, automatic lighting system is possible within the scope of the options described above and under observance of the permissible number of auxiliary units.

	 **Heating/cooling relay insert** with 2 relays for switching, e.g. light and heating or ventilation Ch. 1: ≤ 1000 W Ch. 2: ≤ 800 W Page 282 **0303 00**	 **Universal dimming insert** Light bulbs, HV halogen, LV halogen for Gira Tronic transformers or wound transformer 50 to 420 W/VA Page 284 **0305 00**	 **LV dimming insert** Light bulbs, HV halogen, LV halogen for wound transformer 20 to 500 VA Page 278 **0331 00**	 **1 – 10 V control unit insert** For switching and dimming electronic ballasts and Gira Tronic transformers with 1 – 10 V interface ≤700 W, ≤50 mA Page 279 **0860 00**	 **Impulse insert with staircase-light automatic control switch** Page 282 **0336 00** **0821 00**	 **Auxiliary insert** For presence detectors and automatic control switches (3-wire) Page 283 **0335 00**	 **Auxiliary insert** (2-wire) Page 283 **0333 00**
	①	switching[A)]	switching[A)]	switching[A)]	switching on	switching on[B)]	
	①	switching dimming	switching dimming	switching dimming	switching on	switching on[B)]	
	①	switching[A)]	switching[A)]	switching[A)]	switching on	switching on[B)]	
	①	switching dimming	switching dimming	switching dimming	switching on	switching on[B)]	
	①	switching, dimming, constant light control	switching, dimming, constant light control	switching, dimming, constant light control	switching on	switching on[B)]	
	①	switching dimming	switching dimming	switching dimming	switching on	switching on[B)]	
	②	switching dimming	switching dimming	switching dimming	switching on		switching, dimming, memory
		switching dimming	switching dimming	switching dimming			
	②						
	②	switching dimming	switching dimming	switching dimming			

The function of the auxiliary unit (switching/dimming) is dependent on which main unit insert is used

① Function as an HVAC switch:
Channel 1 is switched on depending on the ambient brightness when motion is detected. When motion is no longer detected, the channel is switched off after the expiration of the delay time set in the top unit.

Channel 2 is switched on directly or time-delayed when there is motion in the detection field. The ambient brightness does not influence the switching of Channel 2. When motion is no longer detected, the channel is switched off when the delay time set in the insert expires.

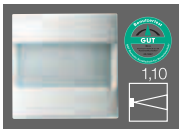
② Function as a delay switch:
Channel 1 is switched on or off without delay during operation.
Channel 2 is switched on or off time-delayed depending on Channel 1.

A) Standard top units only carry out switching functions, even on dimming inserts.

B) On an auxiliary insert, the brightness setpoint value and the delay time of the top unit are not evaluated.

System 2000 automatic control switch standard top unit

System 2000 inserts → Page 278.



System 2000 automatic control switch standard top unit

	Order no.	Packing unit	PS
System 55			
cream white glossy	**1300 01**	1/5	02
pure white glossy	**1300 03**	1/5	02
pure white matt	**1300 27**	1/5	02
anthracite	**1300 28**	1/5	02
colour aluminium	**1300 26**	1/5	02
E22			
Stainless Steel (lacquered)	**1300 20**	1/5	02
Aluminium (lacquered)	**1300 203**	1	02
pure white glossy	**1300 03**	1/5	02
Gira F100			
cream white glossy	**1300 111**	1/5	02
pure white glossy	**1300 112**	1/5	02
S-Color			
pure white	**1300 40**	1/5	02
grey	**1300 42**	1/5	02
red	**1300 43**	1/5	02
blue	**1300 46**	1/5	02
black	**1300 47**	1/5	02
TX_44			
pure white	**1300 66**	1/5	02
anthracite	**1300 67**	1/5	02
colour aluminium	**1300 65**	1/5	02

The System 2000 top unit for automatic control switches can be operated with the System 2000 inserts as of release R2.

For indoor use only.

The horizontal detection field has no natural limitation if used outdoors. For this use the System 2000 top unit for automatic control switches for high installation zones **0671 ..**, **1301 ...**

For installation height 1.10 m:

Range 10 m in the front, 6 m on each side.

Angle of detection 180°. Protection type IP 20 (TX_44 = IP 44).

Power-on time fixed at approx. 2 min. Brightness value can be set continuously from approx. 0 to 150 lux or daytime operation.

Sensitivity can be set from 100 % to 20 %.

Operating temperature: -20 °C to +45 °C

System 2000 dimmer inserts (switching only here) 0305 00, 0331 00, 0860 00 → Page 278.

System 2000 switch inserts 0303 00, 0336 00, 0853 00, 0854 00, 0821 00, 0866 00, 1148 00 → Page 280.

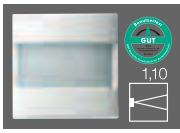
System 2000 auxiliary insert for presence detector and automatic control switch 0335 00 → Page 283.

For integration in Stainless Steel Series 20, Series 21: Intermediate plate 55 x 55 mm 0289 20 → Page 168.

i 70

System 2000 automatic control switch comfort top unit

System 2000 inserts → Page 278.



System 2000 automatic control switch comfort top unit

	Order no.	Packing unit	PS
System 55			
cream white glossy	**0661 01**	1	02
pure white glossy	**0661 03**	1	02
pure white matt	**0661 27**	1	02
anthracite	**0661 28**	1	02
colour aluminium	**0661 26**	1	02
E22			
Stainless Steel (lacquered)	**0661 20**	1	02
Aluminium (lacquered)	**0661 203**	1	02
pure white glossy	**0661 03**	1	02
Gira F100			
cream white glossy	**0661 111**	1	02
pure white glossy	**0661 112**	1	02
S-Color			
pure white	**0661 40**	1	02
grey	**0661 42**	1	02
red	**0661 43**	1	02
blue	**0661 46**	1	02
black	**0661 47**	1	02
TX_44			
pure white	**0661 66**	1	02
anthracite	**0661 67**	1	02
colour aluminium	**0661 65**	1	02

The System 2000 top unit for automatic control switches can be operated with the System 2000 inserts as of release R2.

For indoor use only.

The horizontal detection field has no natural limitation if used outdoors. For this use the System 2000 top unit for automatic control switches for high installation zones **0671 ..**, **1301 ...**

For installation height 1.10 m:

Range 10 m in the front, 6 m on each side.

Angle of detection 180°. Protection type IP 20 (TX_44 = IP 44).

In conjunction with a system 2000 switch insert, the automatic control switch can be set to short-term operation. Short-term operation is brightness-independent and can be used for example to control a bell. When a System 2000 dimmer insert is used, the illumination is continuously dimmed to the minimum brightness within 30 seconds and then switched off. A memory value can be saved via a System 2000 auxiliary unit which is switched on when a movement occurs. Current ambient brightness is simply saved as a brightness switching threshold via a teach-in function.

Delay time can be set between 10 sec. and 30 min. Brightness value can be set continuously from approx. 0 to 150 lux or daytime operation. Sensitivity can be set from 100 % to 20 %. Switchable to continuous-on, continuous-off or automatic mode via slide switch.

Operating temperature: -20 °C to +45 °C

System 2000 dimmer inserts 0305 00, 0331 00, 0860 00 → Page 278.

System 2000 switch inserts 0303 00, 0336 00, 0853 00, 0854 00, 0821 00, 0866 00, 1148 00 → Page 280.

System 2000 auxiliary insert for presence detector and automatic control switch 0335 00 → Page 283.

For integration in Stainless Steel Series 20, Series 21: Intermediate plate 55 x 55 mm 0289 20 → Page 168.

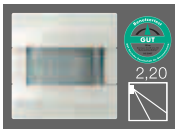
i 70

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

System 2000 automatic control switch for high installation areas standard top unit

System 2000 inserts → Page 278.



System 2000
Top unit automatic control switch for high installation areas standard top unit

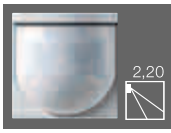
S-Color			
pure white	**1301 40**	1/5	02
grey	**1301 42**	1/5	02
red	**1301 43**	1/5	02
blue	**1301 46**	1/5	02
black	**1301 47**	1/5	02

The System 2000 top unit for automatic control switches can be operated with the System 2000 inserts as of release R2.
For installation height 1.10 m:
Range 6 m in the front, 3 m on each side.
For installation height 2.20 m:
Range 12 m in the front, 6 m on each side.
Angle of detection 180°. Protection type IP 20 (TX_44 = IP 44).
Power-on time fixed at approx. 2 min. Brightness value can be set continuously from approx. 0 to 150 lux or daytime operation.
Sensitivity can be set from 100 % to 20 %.
Operating temperature: -20 °C to +45 °C

System 2000 dimmer inserts (switching only here) 0305 00, 0331 00, 0860 00 → Page 278.
System 2000 switch inserts 0303 00, 0336 00, 0853 00, 0854 00, 0821 00, 0866 00, 1148 00 → Page 280.
System 2000 auxiliary insert for presence detector and automatic control switch 0335 00 → Page 283.

i 70

	Order no.	Packing unit	PS



System 2000
Top unit automatic control switch 2 for high installation areas standard top unit

System 55			
cream white glossy	**2301 01**	1/5	02
pure white glossy	**2301 03**	1/5	02
pure white matt	**2301 27**	1/5	02
anthracite	**2301 28**	1/5	02
colour aluminium	**2301 26**	1/5	02
E22			
Stainless Steel (lacquered)	**2301 20**	1/5	02
Aluminium (lacquered)	**2301 203**	1/5	02
pure white glossy	**2301 03**	1/5	02
Gira F100			
cream white glossy	**2301 111**	1/5	02
pure white glossy	**2301 112**	1/5	02
TX_44			
pure white	**2301 66**	1	02
anthracite	**2301 67**	1	02
colour aluminium	**2301 65**	1	02

Automatic switch for switching light automatically, depending on movement of heat and ambient brightness. Operation with System 2000 flush-mounted insert for dimming, switching or auxiliary insert for presence detectors and automatic switches. The sensitivity and delay time are permanently set.

- Expansion of the range of coverage in combination with an auxiliary insert for presence detectors and automatic switches **0335 00**
- Teach function for adaptation of the brightness threshold
- Switch-on brightness can be saved permanently, with dimming insert
- Can be dimmed slightly, with dimming insert and connected auxiliary insert**0333 00**
- Crawl-under protection
- Delay time limit

Angle of detection:	180°
Cross walking range:	approx. 12 x 6 m (installation height 2.2 m)
Approach range:	approx. 8 x 4 m (installation height 2.2 m)
Installation height:	1.1 / 2.2 m
Brightness:	approx. 1 to 200 lux (and daytime operation)
Time duration:	approx. 2 min
Temperature range:	-15 °C to +45 °C
Protection type:	IP 20 (TX_44 = IP 44)

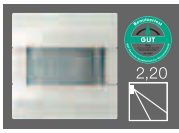
System 2000 dimmer inserts 0305 00, 0331 00, 0860 00 → Page 278.
System 2000 switch inserts 0303 00, 0336 00, 0853 00, 0854 00, 0821 00, 0866 00, 1148 00 → Page 280.
System 2000 auxiliary insert for presence detector and automatic control switch 0335 00 → Page 283.
For integration in Stainless Steel Series 20, Series 21: Intermediate plate 55 x 55 mm 0289 20 → Page 168.

i 70

	Order no.	Packing unit	PS

System 2000 automatic control switch for high installation areas comfort top unit

System 2000 inserts → Page 278.



System 2000
Top unit automatic control switch for high installation areas comfort top unit

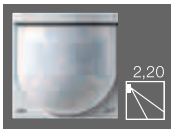
S-Color			
pure white	**0671 40**	1	02
grey	**0671 42**	1	02
red	**0671 43**	1	02
blue	**0671 46**	1	02
black	**0671 47**	1	02

The System 2000 top unit for automatic control switches can be operated with the System 2000 inserts as of release R2.
For installation height 1.10 m:
Range 6 m in the front, 3 m on each side.
For installation height 2.20 m:
Range 12 m in the front, 6 m on each side.
Angle of detection 180°. Protection type IP 20 (TX_44 = IP 44).
In conjunction with a system 2000 switch insert, the automatic control switch can be set to short-term operation. Short-term operation is brightness-independent and can be used for example to control a bell. When a System 2000 dimmer insert is used, the illumination is continuously dimmed to the minimum brightness within 30 seconds and then switched off. A memory value can be saved via a System 2000 auxiliary unit which is switched on when a movement occurs. Current ambient brightness is simply saved as a brightness switching threshold via a teach-in function.
Delay time can be set between 10 sec. and 30 min. Brightness value can be set continuously from approx. 0 to 150 lux or daytime operation. Sensitivity can be set from 100 % to 20 %. Switchable to continuous-on, continuous-off or automatic mode via slide switch.
Operating temperature: -20 °C to +45 °C

System 2000 dimmer inserts 0305 00, 0331 00, 0860 00 → Page 278.
System 2000 switch inserts 0303 00, 0336 00, 0853 00, 0854 00, 0821 00, 0866 00, 1148 00 → Page 280.
System 2000 auxiliary insert for presence detector and automatic control switch 0335 00 → Page 283.

i 70

	Order no.	Packing unit	PS



System 2000
Top unit automatic control switch 2 for high installation areas comfort top unit

System 55			
cream white glossy	**2302 01**	1/5	02
pure white glossy	**2302 03**	1/5	02
pure white matt	**2302 27**	1/5	02
anthracite	**2302 28**	1/5	02
colour aluminium	**2302 26**	1/5	02
E22			
Stainless Steel (lacquered)	**2302 20**	1/5	02
Aluminium (lacquered)	**2302 203**	1/5	02
pure white glossy	**2302 03**	1/5	02
Gira F100			
cream white glossy	**2302 111**	1/5	02
pure white glossy	**2302 112**	1/5	02
TX_44			
pure white	**2302 66**	1	02
anthracite	**2302 67**	1	02
colour aluminium	**2302 65**	1	02

Automatic switch for switching light automatically, depending on movement of heat and ambient brightness. Operation with System 2000 flush-mounted insert for dimming, switching or auxiliary insert for presence detectors and automatic switches.

- IR remote control (included in scope of supply) for setting various functions
- Expansion of the range of coverage in combination with an auxiliary insert for presence detectors and automatic switches **0335 00**
- Teach function for adaptation of the brightness threshold
- Switch-on brightness can be saved permanently, with dimming insert
- Can be dimmed slightly, with dimming insert and connected auxiliary insert **0333 00** or IR remote control
- Dimming function, with dimming insert
- Short-term operation, e.g. for controlling acoustic signal transmitter, with switch insert
- Display LED
- Occupied-home simulation
- Nightlight function
- Crawl-under protection
- Delay time limit
- Motion detection which can be toggled between the indoors and outdoors

Angle of detection:	180°
Cross walking range:	approx. 12 x 6 m (installation height 2.2 m)
Approach range:	approx. 8 x 4 m (installation height 2.2 m)
Installation height:	1.1 / 2.2 m
Brightness:	approx. 1 to 200 lux (and daytime operation)
Time duration:	Approx. 10 sec to 60 min
Sensitivity:	25 to 100 %
Temperature range:	-15 °C to +45 °C
Protection type:	IP 20 (TX_44 = IP 44)

System 2000 dimmer inserts 0305 00, 0331 00, 0860 00 → Page 278.
System 2000 switch inserts 0303 00, 0336 00, 0853 00, 0854 00, 0821 00, 0866 00, 1148 00 → Page 280.
System 2000 auxiliary insert for presence detector and automatic control switch 0335 00 → Page 283.
For integration in Stainless Steel Series 20, Series 21: Intermediate plate 55 x 55 mm 0289 20 → Page 168.

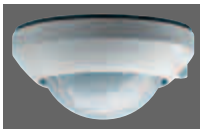
i 70

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

System 2000 automatic control switch 360°

System 2000 inserts → Page 278.



System 2000 Top unit automatic control switches 360°

pure white	**2270 02**	1	02
colour aluminium	**2270 04**	1	02

The System 2000 top unit for automatic control switch 360° is operated with the System 2000 inserts as of release R2. It is recessed into the ceiling and monitors an area below it. The automatic control switch 360° switches on the lighting depending upon movement and ambient brightness.

- Expansion of the range of coverage through use of auxiliary units (accessories).
- Manual operation with auxiliary unit or push button, NO contact.
- Test mode/short-term operation. With System 2000 switch inserts, the automatic control switch 360° can be used to control a bell.
- Saving a memory value with System 2000 dimming inserts.
- Dimming of the light, with System 2000 dimming inserts. When the delay time has expired, the illumination is dimmed within 30 s to the minimum brightness and then switched off.
- Daytime operation.

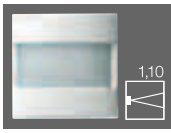
Cross walking range:	approx. 20 m dia.
Approach range:	approx. 12 m dia.
Time duration:	approx. 1 sec. test mode/short operation approx. 10 sec. to 30 min.
Brightness:	approx. 2 to 80 lux
Operating temperature:	+5 °C to +35 °C
Dimensions:	∅ x H 103 x 50 mm

System 2000 dimmer inserts 0305 00, 0331 00, 0860 00 → Page 278.
System 2000 switch inserts 0303 00, 0336 00, 0853 00, 0854 00, 0821 00, 0866 00, 1148 00 → Page 280.
System 2000 auxiliary insert for presence detector and automatic control switch 0335 00 → Page 283.
Surface-mounted housing for presence detector 0086 02/04 → Page 325.
Protective cage 2116 00 → Page 325.

i 69

	Order no.	Packing unit	PS

Radio automatic control switch



Radio automatic control switch

System 55			
cream white glossy	**1306 01**	1	02
pure white glossy	**1306 03**	1	02
pure white matt	**1306 27**	1	02
anthracite	**1306 28**	1	02
colour aluminium	**1306 26**	1	02
Gira F100			
cream white glossy	**1306 111**	1	02
pure white glossy	**1306 112**	1	02
S-Color			
pure white	**1306 40**	1	02
grey	**1306 42**	1	02
red	**1306 43**	1	02
blue	**1306 46**	1	02
black	**1306 47**	1	02

The radio automatic control switch reacts to the movement of heat in corresponding darkness and sends a radio telegram to the assigned radio receiver. It can be integrated in all **non-metallic** cover frames. All switching/dimming actuators and the radio power section can be used as radio receivers.
The radio actuators switch the connected lighting on and remain switched on as long as movements are detected. Otherwise the lighting is switched off after a delay time of approx. 1 min. When a radio power section is used, the delay time can be set.

- Walking test mode
- Battery status display
- Brightness value can be set continuously from approx. 0 to 80 lux or daytime operation.
- Sensitivity can be set from 100 % to 20 %.
- With an installation height of 1.10 m: Range 10 m frontal, 6 m to each side, angle of detection 180°

Please observe the planning information in the technical appendix.

Power supply:	3 V DC
Battery:	1 x Lithium cell (CR 2450N) (batteries included in the scope of supply are consumables and must be replaced regularly)
Transmission frequency:	433.42 MHz
Range:	approx. 60 m (free field)
Temperature range:	+5 °C to +35 °C
Protection type:	IP 20

Radio controller 0358 18 → Page 540.
Controllable receiver:
0401 .., 0404 00, 0413 00, 0424 00, 0843 02 → Page 552.
Controllable receiver (switching only):
0335 01, 0543 .., 0565 00, 0809 00, 0865 00, 1133 00, 1185 .., 2255 00 → Page 552.
Radio repeater 0867 00 → Page 563.
Radio KNX/EIB converter 0868 00 → Page 563.

i 74

Presence detector



Compact presence detector

	Order no.	Packing unit	PS
pure white	**1147 02**	1	02

The compact presence detector controls the illumination depending on the presence of persons and on the desired lighting conditions. It is attached under the ceiling and monitors the work area located beneath it. The presence detector switches the lighting on when the set brightness is dropped below and movement is detected. It switches the lighting off again when no further movement has been registered during the set period or sufficient daylight is available.
A presence detector is **not** a transit detector.
The presence detector can be switched on and off with a push button (NO contact). The detection field can be expanded by connecting several presence detectors in parallel.
With the included clip-on screen sources of interference are blocked by limiting the detection area.

Rated voltage:	230 V AC, 50/60 Hz
Contact rating:	1000 W light bulbs 1000 W HV halogen 750 VA LV halogen with wound transformer 750 W LV halogen, Gira Tronic transformer 500 VA fluorescent lamps, not compensated 400 VA fluorescent lamps, parallel-compensated
Angle of detection:	360°
Nominal range desk height:	∅5 m
Nominal range floor:	∅8 m
Installation height for nominal range:	2.,5 m
Switch-on time:	1 s test mode approx. 10 sec. to 30 min.
Brightness:	approx. 10 to 1000 lux
Temperature range:	+5 °C to +35 °C
Protection type:	IP 20
Dimensions:	∅ x H 103 x 63 mm

Protective cage 2116 00 → Page 325.

i 68



System 2000 presence detector comfort top unit

	Order no.	Packing unit	PS
pure white	**0317 02**	1	02
colour aluminium	**0317 04**	1	02

The presence detector controls the illumination depending on the presence of persons and on the desired lighting conditions. It is installed in the ceiling and monitors the work area located beneath it. When a movement is detected below an adjustable brightness value, the load is switched on. The device remains switched on as long as further movements are detected and the lighting is required. When used on a System 2000 dimming insert, constant light control is possible. The lighting is initially switched on at maximum brightness. Then the lighting is dimmed so that the brightness is held constant at the desired value set on the presence detector. When combined with a System 2000 „switching insert", the lighting is only switched. The presence detector switches off the lighting when no movement has been registered on the work area over a certain period.
A presence detector is **not** a transit detector.
To expand the detection field, the comfort presence detector is combined with a System 2000 „3-wire" auxiliary insert for presence detectors and automatic control switches. Switching on and off with mechanical auxiliary unit or System 2000 auxiliary unit. With the included clip-on screen sources of interference are blocked by limiting the detection area.

Rated voltage:	230 V AC, 50 Hz
Angle of detection:	360°
Nominal range desk height:	∅5 m
Nominal range floor:	∅8 m
Installation height for nominal range:	2.,5 m
Switch-on time:	1 s test mode approx. 10 sec. to 30 min.
Brightness:	approx. 10 to 1000 lux
Protection type:	IP 20
Dimensions:	∅ x H 103 x 43 mm

System 2000 dimmer inserts 0305 00, 0331 00, 0860 00 → Page 278.
System 2000 switch inserts 0303 00, 0336 00, 0853 00, 0854 00, 0821 00, 0866 00, 1148 00 → Page 280.
System 2000 auxiliary insert for presence detector and automatic control switch 0335 00 → Page 283.
Surface-mounted housing for presence detector 0086 02/04 → Page 325.
Protective cage 2116 00 → Page 325.

i 69

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Radio presence detector

pure white	**0318 02**	1	02
colour aluminium	**0318 04**	1	02

The radio presence detector controls the illumination depending on the presence of persons and on the desired lighting conditions. When heat movement is detected, it sends a radio telegram to **a** radio dimming or switching actuator from Release R2. The radio presence detector is attached under the ceiling and monitors the work area located beneath it. A presence detector is **not** a transit detector.
The presence detector switches on a radio actuator when an adjustable desired brightness value is dropped below and when movement is detected. This actuator carries out a constant light control in dependence on the desired brightness value. Only 2-point control is possible with switching actuators.
The light control remains active as long as movement is detected and the desired brightness value is dropped below. When movement is no longer detected, or if the desired brightness value is exceeded, the radio actuator is switched off following a delay time. Light control can be switched on or off with a radio transmitter.
Several radio presence detectors can be used together as a system (master-slave operation) for monitoring a larger area. A maximum of 8 radio presence detectors can be used in one range zone.
A Comfort hand-held transmitter enables modification of the desired brightness value or activation of the additional functions „Switch on for 2 hours“ or „Switch off for 2 hours“.
Other functions:

- Light-control test mode
- Walking test mode
- Battery status display

Please observe the planning information in the technical appendix.

Power supply:	6 V DC
Batteries:	4 x 1.5 V Micro LR03 (AAA) alkaline (not included in scope of supply)
Angle of detection:	360°
Nominal range desk height:	∅5 m
Nominal range floor:	∅8 m
Installation height for nominal range:	2.,5 m
Time duration:	Approx. 2 minutes to 1 hour
Brightness:	approx. 3 to 2000 lux
Transmission frequency:	433.42 MHz
Range:	approx. 100 m (free field)
Temperature range:	0 °C to +45 °C
Protection type:	IP 20
Dimensions:	∅ x H 103 x 43 mm

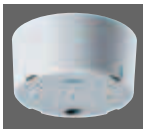
Controllable receiver:
0335 01, 0401 .., 0404 00, 0413 00, 0424 00, 0543 .., 0809 00, 0843 02, 0865 00, 1133 00, 1185 .., 2255 00 → Page 552.

Transmitter:
Radio remote control Comfort 0527 00 → Page 542.

Transmitter/receiver:
Radio controller 0358 18 → Page 540.
Radio repeater, surface-mounted 0867 00 → Page 563.
Protective cage 2116 00 → Page 325.

i 74

	Order no.	Packing unit	PS



Surface-mounted housing for presence detector

pure white	**0086 02**	1	01
colour aluminium	**0086 04**	1	11

For installation on the ceiling. Do not use in combination with protective cage **2116 00**. Single or multi-point attachment possible.
Dimensions: ∅ x H 103 x 45 mm

System 2000 automatic control switch 360° 2270 .. → Page 323.
System 2000 presence detector Comfort top unit 0317 .. → Page 324.



KNX presence detector Standard

pure white	**2105 02**	1	06
colour aluminium	**2105 04**	1	06

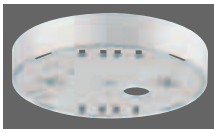
New.
For use in the Gira KNX/EIB system.
Functional description → Page 449.



KNX presence detector Comfort

pure white	**2106 02**	1	06
colour aluminium	**2106 04**	1	06

New.
For use in the Gira KNX/EIB system.
Functional description → Page 450.

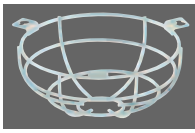


Surface-mounted housing for KNX presence detector

	2110 02	1	06
colour aluminium	**2110 04**	1	06

New.
For installation on the ceiling.
Dimensions: ∅ x H 103 x 18 mm

KNX presence detector Standard 2105 .. → Page 325.
KNX presence detector Comfort 2106 .. → Page 325.



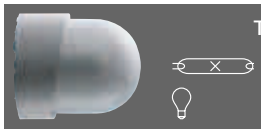
Protective cage

pure white	**2116 00**	1	01

New.
Protective cage for presence detector Painted plastic-coated steel cage.
Dimensions: ∅ x H 180 x 90 mm

System 2000 automatic control switch 360° 2270 .. → Page 323.
Presence detector Compact 1147 02 → Page 324.
System 2000 presence detector Comfort top unit 0317 .. → Page 324.
Radio presence detector 0318 .. → Page 547.
KNX presence detector Standard 2105 .. → Page 449.
KNX presence detector Comfort 2106 .. → Page 450.

Tectiv



Tectiv 220°

	Order no.	Packing unit	PS
pure white	**0817 02**	1	08
anthracite	**0817 10**	1	08
colour aluminium	**0817 04**	1	08

Monitor with high-resolution, focally optimised lens that allows a semi-circular monitoring field of 16 x 24 m (at an installation height of 2.40 m) with background monitoring. Microprocessor controlled signal evaluation.
Extremely simple installation via:
- Cable feeding from four directions and rear
- Plug terminals with loop-through option
- Large terminal housing
- Plug-in sensor unit

The three-position sliding design ring optimally covers the surface-mounted cable inputs when flush-mounted cable routing is used.
The detachable cover fulfills the following functions:
- Protects the electronics from wind, moisture and dirt
- Protects against accidental mis-adjustment of the sensor head
- Smooth surfaces are easy to clean
- Design is independent of sensor head alignment

Simple saving of the brightness switch threshold at the press of a button (teach-in). The brightness value, delay period and sensitivity can be steplessly configured.
- Daytime and nighttime mode
- Continuity alarm function
- Ceiling or wall installation

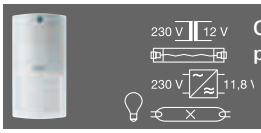
The operating mode can be changed with a mechanical push button (NC contact): Monitor function, 2 hours with light on, 2 hours with light off.
The area to be monitored can be optimally configured via the rotating and swivelling sensor head. Possible sources of interference can be blocked by limiting the detection area with the included adhesive strips.

Rated voltage:	230 V AC, 50 Hz
Switching contact:	Relay
Contact rating:	2500 W light bulbs 2500 W HV halogen 1200 VA fluorescent lamps, not compensated Observe high peak switch-on currents with „energy saving lamps“. Check suitability of the lamps before use!
Switch-on current:	max. 100 A
Switch-on time:	1 sec. to 30 min.
Angle of detection:	220°
Recommended installation height:	2.40 m
Dimensions:	∅ x H 105 x 120 mm
Operating temperature:	-25 °C to +55 °C
Protection type:	IP 55

Switch-on current limiter 0810 00 → Page 293.

i 65

Observers



Observer 70, passive infra-red movement sensor

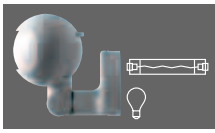
	Order no.	Packing unit	PS
pure white	**0831 02**	1	08
anthracite	**0831 10**	1	08

Rectangular area of detection 11 x 8 m. Range adjustable in three stages. Brightness sensor continuously adjustable, daytime and nighttime mode.

Rated voltage:	230 V AC, 50 Hz
Switching contact:	Relay
Contact rating:	1000 W light bulbs 1000 W HV halogen 750 VA LV halogen for wound transformer with at least 85 % rated load 750 W LV halogen, Gira Tronic transformer 500 VA fluorescent lamps, not compensated 400 VA fluorescent lamps, parallel-compensated 1000 VA fluorescent lamps, dual switching Observe high peak switch-on currents with „energy saving lamps“. Check suitability of the lamps before use!
Switch-on current:	max. 15 A
Switch-on time:	10 s to 5 min (continuously adjustable)
Angle of detection:	70°
Recommended installation height:	2.40 m
Protection type:	IP 55

Switch-on current limiter 0810 00 → Page 293.

i 64



Observers 110

	Order no.	Packing unit	PS
pure white	**0355 02**	1	08

The semi-circular monitoring field 16 x 25 m has switching elements on three levels. With clip-on screens (vertical/horizontal) for limiting the area of detection and 3D joint. Brightness sensor continuously adjustable, daytime and nighttime mode.

Rated voltage:	230 V AC, 50 Hz
Switching contact:	Relay
Contact rating:	2300 W light bulbs 1000 W HV halogen 1200 VA LV halogen, for wound transformer with at least 85 % rated load 1200 W LV halogen, Gira Tronic transformer 1200 VA fluorescent lamps, not compensated 920 VA fluorescent lamps, with parallel compensation 2300 VA fluorescent lamps, dual switching Observe high peak switch-on currents with „energy saving lamps“. Check suitability of the lamps before use!
Switch-on current:	max. 20 A
Switch-on time:	12 s to 12 min (continuously adjustable)
Angle of detection:	110°
Recommended installation height:	2.40 m
Protection type:	IP 54

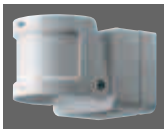
Switch-on current limiter 0810 00 → Page 293.

i 64

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Radio Observer



Radio observer 180/16

pure white	**0826 02**	1	08

The radio observer reacts to heat movement and sends this information to the receiver of the radio bus system. It is operated with a 9 V block battery, and therefore requires no supply cable and can be installed in any desired location.
Switches on the receiver from the radio bus system at an ambient brightness below 80 lux with a delay period of 1 min.
When using a radio power section **0843 02** as a receiver, the power-on time and the brightness can be set. Semi-circular area of detection 16 x 32 m with 144 switching segments on 3 levels. The area of detection can be reduced using the included cover screens.

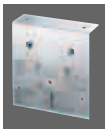
- Brightness-independent test mode for evaluating the area of detection
- Detection of insufficient battery voltage

Please observe the planning information in the technical appendix.

Battery:	9 V alkaline block battery (**not** included in scope of supply)
Detection radius:	180°
Working range	3 to 80 lux, normal operation
Evaluation:	3 to 200 lux, post-triggering
Recommended installation height:	2.40 m
Transmission frequency:	433.42 MHz
Range:	approx. 100 m (free field)
Temperature range:	-25 °C to +55 °C
Protection type:	IP 55

Radio controller 0358 18 → Page 540.
Controllable receiver:
0401 .., 0404 00, 0413 00, 0424 00, 0843 02 → Page 552.
Controllable receiver (switching only):
0335 01, 0543 .., 0565 00, 0809 00, 0865 00, 1133 00, 1185 .., 2255 00 → Page 552.
Radio repeater 0867 00 → Page 563.
Radio KNX/EIB converter 0868 00 → Page 563.
Mounting materials 0839 00, 0968 02, 0838 00, 0848 00 → Page 327.

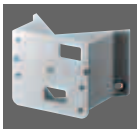
i 73



Ceiling angle bracket

	0839 00	1	08

For installation on the ceiling.
Radio observer 0826 02 → Page 327.



Corner angle bracket

pure white	**0968 02**	1	08

For installation, e.g. on house corners.
Radio observer 0826 02 → Page 327.



Radio power section surface-mounted

pure white	**0843 02**	1	08

The radio power section enables switching of electrical loads. On the receipt of the radio telegram of a radio observer **0826 02** or radio presence detector **0318 02/04**, the brightness value, which when dropped below activates the system, can also be set set in the radio power section.

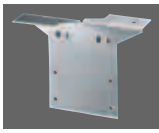
Switch-on time:	In the range 10 s to 15 min continuously adjustable
Brightness sensor:	3 to 80 lux

In combination with a conventional push button (NC contact) or a radio hand-held/wall or multi-function transmitter, additional functions (brightness-independent) in the radio power section enable switching on for the duration of the set time, permanent-on or permanent-off. In each case, the device switches back to the normal mode again after 2 hours.
Up to 30 radio channels can be allocated to the radio power section.
Please observe the planning information in the technical appendix.

Power supply:	230 V AC, 50 Hz
Switching contact:	Relay
Contact rating:	2300 W light bulbs 2300 W HV halogen 1000 VA LV halogen, wound transformer 1500 W LV halogen, Gira Tronic transformer 1200 VA fluorescent lamps, not compensated 920 VA fluorescent lamps, parallel-compensated 2300 VA fluorescent lamps, dual switching
Reception frequency:	433.42 MHz
Temperature range:	-25 °C to +55 °C
Protection type:	IP 55
Dimensions:	W x H x D 110 x 94 x 38 mm

Radio transmitter:
0318 .., 0412 00, 0441 00, 0511 00, 0521 00, 0527 00, 0826 02, 1111 .., 1113 .., 1306 .., 2251 .., 2252 .., 2254 .., 2256 .. → Page 542.

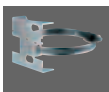
i 79



Ceiling adapter for 360° detection

	0838 00	1	08

For wide-scale detection up to 360° via ceiling installation.
Radio observer 0826 02 → Page 327.



Mast attachment for installation on free-standing masts

	0848 00	1	08

Attachment is in accordance with the tubular-bell principle. Suitable for free-standing masts with a diameter of 50 to 120 mm.
Radio observer 0826 02 → Page 327.

Gira LED orientation lights enable the targeted use of lighting accents. For example, they are used to illuminate stairs and dark hallways or outdoor pathways, thus providing extra safety for walking and orientation, both inside and outside.

Gira offers a wide range of LED products and accessories matching the Gira switch ranges.

Inscription service
The Gira Inscription Service allows you to professionally design LED signal lights, orientation plates, Gira door station call buttons or push button sensors according to your personal specifications. This is fast and easy on the Internet.

In just a few steps you can create a personal template and order it using the form at the website **www.marking.gira.com**. The finished labels (available for a fee) are then delivered without delay. Alternatively, there is also a free PDF template on the Internet that you can print out yourself.

Advantages
Long-life LED illumination with low power consumption for Gira System 55 and Gira E22. It can also be integrated in the Gira F100 with intermediate frames.

Inscribable film for equipping the LED orientation and signal lights is included.

Pictograms of real materials for Gira E22 Stainless Steel and Gira E22 Aluminium.

SCHUKO or earth-pin socket outlet Gira System 55 with twilight sensor that automatically switches on the light and then switches it off again when there is enough natural light.

For Gira LED orientation lights: Insertable slat element for light dispersion

Adjustable brightness

Settable light colours:
White, blue, red, green, orange.

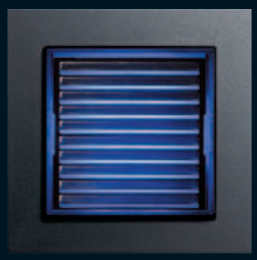
Continuous cycling of the entire range of colours is possible. One of these colours can be stored as desired

Also available with white LED

Thus, orientation illumination can be realised less expensively, faster and without adjustment effort

LED illumination for TX_44 in water-protected design IP 44 for outdoor use, in the light colours white, blue and orange

Product information
www.gira.com/brochures



1



2



3



4

LED illumination
LED products and accessories

LED illumination

Socket outlets	330
LED orientation lights	330
LED signal lights	330
LED orientation lights with pictogram	331
LED orientation lights TX_44	331

LED orientation light white
Gira E2, pure white glossy



1
LED orientation light with slat element
Gira E2, anthracite

2
LED signal light red/green
Gira E2, anthracite

3
SCHUKO socket outlet with LED orientation light and child protection
Gira E2, anthracite

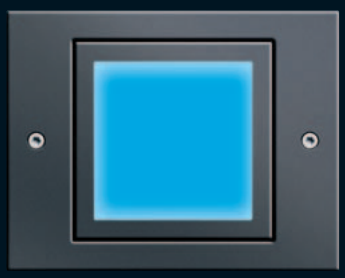
4
LED orientation light with pictogram
Gira E2, anthracite

5
LED orientation light with pictogram
Gira E 22 Stainless Steel

6
LED orientation light blue
Gira TX_44, anthracite



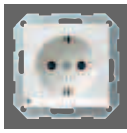
5



6

	Order no.	Packing unit	PS

Socket outlets

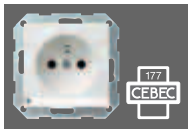


SCHUKO socket outlet 16 A/250 V~ with LED orientation light, child protection and ⚉ symbol

System 55			
cream white glossy	**1170 01**	1/5	02
pure white glossy	**1170 03**	1/5	02
pure white matt	**1170 27**	1/5	02
anthracite	**1170 28**	1/5	02
colour aluminium	**1170 26**	1/5	02
E22			
Stainless Steel (lacquered)	**1170 20**	1/5	02
Aluminium (lacquered)	**1170 203**	1/5	02
pure white glossy	**1170 03**	1/5	02

SCHUKO socket outlet with inserted light strip. The white LEDs project a light corridor downwards. This produces indirect orientation lighting that also avoids bothersome glare in bedrooms. The integrated twilight sensor waits until twilight to automatically switch on die LED light and switches it off again when sufficient daylight is detected. The LED light is completely integrated in the cover plate, eliminating the need for separate connection.

Power consumption: 0.25 W/0.35 VA/1.5 mA
Standby: 0.175 W/0.25 VA/1.0 mA
Light intensity: 0.2 cd
Protection type: IP 20
Operating temperature: -15 °C to +40 °C



Socket outlet with earth pin 16 A/250 V~ with LED orientation light

System 55 with child protection and ⚉ symbol[1)]			
cream white glossy	**1172 01**	1/5	02
pure white glossy	**1172 03**	1/5	02
pure white matt	**1172 27**	1/5	02
anthracite	**1172 28**	1/5	02
colour aluminium	**1172 26**	1/5	02
E22 with child protection and ⚉ symbol[1)]			
Stainless Steel (lacquered)	**1172 20**	1/5	02
Aluminium (lacquered)	**1172 203**	1/5	02
pure white glossy	**1172 03**	1/5	02

Socket outlet with earthing pin and inserted light strip. The white LEDs project a light corridor downwards. This produces indirect orientation lighting that also avoids bothersome glare in bedrooms. The integrated twilight sensor waits until twilight to automatically switch on die LED light and switches it off again when sufficient daylight is detected. The LED light is completely integrated in the cover plate, eliminating the need for separate connection.

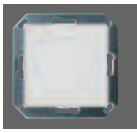
Power consumption: 0.25 W/0.35 VA/1.5 mA
Standby: 0.175 W/0.25 VA/1.0 mA
Light intensity: 0.2 cd
Protection type: IP 20
Operating temperature: -15 °C to +40 °C

[1)] Increased contact protection pursuant to VDE 0620.

[1)] Increased contact protection pursuant to VDE 0620.

	Order no.	Packing unit	PS

LED illumination



LED orientation light, 230 V~ white

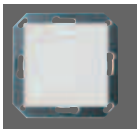
White LED illumination	**2361 00**	1	02

The orientation light is used, for example, to illuminate stairs or as an orientation aid in dark rooms. The brightness of the light can be set individually. An individually labelled film can be laid in the cover plate. Pictograms for room and route marking can be laid in. Professional labelling with the Gira Inscription Service **www.marking.gira.com**.

Power supply: 230 V AC, 50 Hz
Power consumption: 1,7 W/8,5 VA
Light intensity: 2.2 cd (white)
Protection type: IP 20
Operating temperature: -15 °C to +40 °C

Inscription sheets 2870 .. → Page 295.

i 19



LED orientation light, 230 V~ RGB

System 55	**1169 00**	1	02

The orientation light is used, for example, to illuminate stairs or as an orientation aid in dark rooms. RGB LEDs are used as lighting elements. The light colours white, blue, red, green and orange can be set consecutively or a continuous cycle over the entire range of colours (approx. 5 min.) can be started via a control input. As a result, any desired colour can be set by stopping at the corresponding point. The brightness of the light can be set individually. An individually labelled film can be laid in the cover plate. Pictograms for room and route marking can be laid in. A stainless-steel slat (for reduction of glare) is included with the LED orientation light. Professional labelling with the Gira Inscription Service **www.marking.gira.com**.

Power supply: 230 V AC, 50 Hz
Power consumption: 1.8 W/2.0 VA
Light intensity: 1.2 cd (white)
Protection type: IP 20
Operating temperature: -15 °C to +40 °C

Inscription sheets 2870 .. → Page 295.

i 19



LED signal light, 230 V~, red/green

System 55	**1171 00**	1	02
Gira F100			
cream white glossy	**1171 111**	1	02
pure white glossy	**1171 112**	1	02

With the signal light, simple signalling can be realised, e.g. for doctor's consulting rooms, conference rooms or in hotel rooms. The entire insert surface of 55 x 55 mm is divided into an upper half for the colour red and a lower half for the colour green with homogeneous illumination. The two halves can be activated separately, e.g. by using a series switch.

Power supply: 230 V AC, 50 Hz
Power consumption: 1.0 W/5.6 VA
Light intensity: 0.1 cd (red)
0.3 cd (green)
Protection type: IP 20
Operating temperature: -15 °C to +40 °C

Series switches for hotel-status display 1104 .. → Page 35.
Inscription sheets 2870 .. → Page 295.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



LED orientation light, 230 V~ with pictogram

E22

WC Women and Men			
Stainless Steel	**2791 20**	1	11
Aluminium	**2791 203**	1	11
WC Men			
Stainless Steel	**2792 20**	1	11
Aluminium	**2792 203**	1	11
WC Women			
Stainless Steel	**2793 20**	1	11
Aluminium	**2793 203**	1	11
Wheelchair			
Stainless Steel	**2794 20**	1	11
Aluminium	**2794 203**	1	11
Staircase			
Stainless Steel	**2795 20**	1	11
Aluminium	**2795 203**	1	11
Baby-care room			
Stainless Steel	**2796 20**	1	11
Aluminium	**2796 203**	1	11
Information			
Stainless Steel	**2797 20**	1	11
Aluminium	**2797 203**	1	11
Arrow			
Stainless Steel	**2798 20**	1	11
Aluminium	**2798 203**	1	11
No smoking			
Stainless Steel	**2799 20**	1	11
Aluminium	**2799 203**	1	11
Mobile phones prohibited			
Stainless Steel	**2800 20**	1	11
Aluminium	**2800 203**	1	11
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21			
	0289 20	5/25	11

LED orientation light for private and commercial use. The orientation light is used, for example, to illuminate stairs or as an orientation aid in dark rooms. RGB LEDs are used as lighting elements. The light colours white, blue, red, green and orange can be set consecutively or a continuous cycle over the entire range of colours (approx. 5 min.) can be started via a control input. As a result, any desired colour is set by stopping at the corresponding point. The brightness of the light can be set individually.

Power supply:	230 V AC, 50 Hz
Power consumption:	1.8 W/2.0 VA
Light intensity:	0.8 cd (white)
Protection type:	IP 20
Operating temperature:	-15 °C to +40 °C

	Order no.	Packing unit	PS



LED orientation light, 230 V~

TX_44

White LED illumination			
pure white	**1161 66**	1/5	13
anthracite	**1161 67**	1/5	13
colour aluminium	**1161 65**	1/5	13
Blue LED illumination			
pure white	**1162 66**	1/5	13
anthracite	**1162 67**	1/5	13
colour aluminium	**1162 65**	1/5	13
Orange LED illumination			
pure white	**1159 66**	1/5	13
anthracite	**1159 67**	1/5	13
colour aluminium	**1159 65**	1/5	13

LED orientation light for private and commercial use. The orientation light can be used, for example, to illuminate stairs, as an orientation guide in dark halls or as accent lighting on building walls. Either white, blue or orange LEDs are used as the light source, depending on the model. The LEDs require very little power and have a very long service life. The device is installed via a light outlet box or a normal flush-mounted panel box. For water-protected installation (IP 44), the orientation light must be installed in a flush-mounted panel box with a sealing ring (included in the scope of supply of the TX_44 cover frame).

Power supply:	230 V AC, 50 Hz
Power consumption:	0.85 W/5.6 VA
Light intensity:	0.8 cd (white) 0.3 cd (blue) 0.4 cd (orange)
Protection type:	IP 44 for installation with sealing ring in a flush-mounted panel box
Operating temperature:	-15 °C to +50 °C

Cover frames TX_44, 1 to 4-gang, 0211 65/66/67 to 0214 65/66/67 → Page 258.

i 19

Seeing who is at the door, conducting conversations in the highest voice quality and conveniently opening the door: the Gira door communication system makes communicating between the living area and front door simple and intuitive. The product range includes door intercoms with and without video function, innovative IP solutions, systems for keyless access and more. The high-quality door and home stations are available in diverse variants to match the Gira switch ranges and integrate perfectly into the appearance of the complete electrical installation. Whether for surface-mounted or flush-mounted installation in a single-family or multi-family home – the Gira door communication system is ideally suited for all applications.

Door intercoms in the style of the switch range
The door intercoms of the Gira door communication system are integrated in the Gira switch ranges as an additional function. This means both unity of design for the entire electrical installation in the home and a large degree of freedom in selecting colour and frame variants to match any personal interior design style. In addition, due to the modular principle, the individual components can be easily replaced, e.g. if another design or new function is desired.

The Gira home stations are available for the Standard 55, E2, Event, Esprit, ClassiX or E22 switch ranges, as well as for F100. The modular door intercoms for outdoor use are inserted in the splash-proof frames of the Gira TX_44 switch range.

Door intercoms for indoor use
Gira home stations are voice and operating units at the front door.
Gira offers devices for surface-mounted and flush-mounted installation which have a modular design and can be combined to match the Gira switch ranges, as well as complete devices like the Gira VideoTerminal. Additional solutions enable door communication using picture display on the TV or door opening via the telephone.

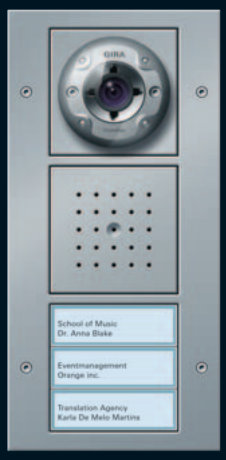
Door intercoms for outdoor use
Gira door stations are suitable for any area of application, from single-family homes to large properties with up to 68 residential units. The product range includes surface-mounted and flush-mounted variants, solutions for integration in existing systems and options for installation in front panels and letterbox systems from RENZ and other manufacturers.

Simple installation and start-up
The Gira door communication system is based on a 2-wire bus, i. e. only two cables are required to transmit all audio and video signals. This enables easy replacement of existing systems and reduces the cabling required for new installations.
The concept of one-man start-up ensures additional time and cost savings.

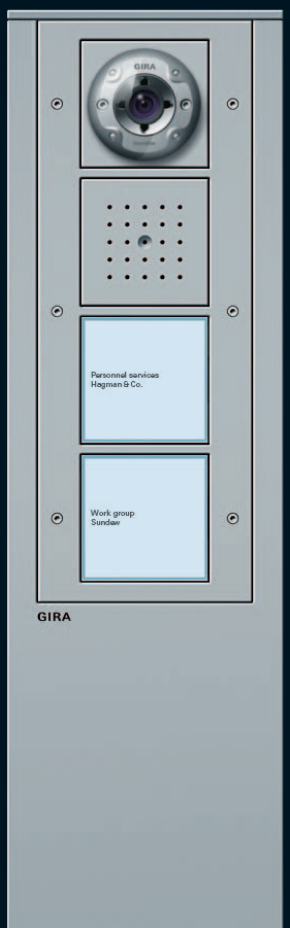
Large number of devices
Because a large number of devices can be realised with the Gira door communication system, it is also suitable for use in large buildings. Up to 28 residential units can be equipped with video home stations. Up to 68 home stations are possible if they are purely audio systems.



Gira surface-mounted home station video [left] and Gira 2-gang combination push switch/SCHUKO socket outlet with child protection, Gira E2, pure white glossy



Gira door station 3-gang with colour camera [left] and Gira energy profile, height 1600 mm, equipped with door station 1-gang, colour camera and info module, Gira TX_44, colour aluminium



Gira door communication system
For all indoor and outdoor requirements

Integration in IP networks
Door communication is even more convenient and flexible with the Gira DCS-IP-gateway. The intelligent interface integrates Gira door and home stations with 2-wire bus simply into IP networks. In this way, door communication can be seamlessly integrated in the building control using the Gira HomeServer and operated via the Gira Control Clients or the computer. In addition, the devices can also be used as independent home stations with the Gira DCS Communicator software for Windows and Mac OS X.

New. **Mobile door communication plugged into Skype™**
Seeing who's at the door is easy even when you're away. The Gira DCS-IP-gateway enables mobile door communication with Skype – using a smartphone or tablet, on the computer or with suitable smart TVs.

New. **Video distributor, video amplifier and video multiplexer**
The Gira door communication system has been expanded with three new devices for signal processing: the video multiplexer, video amplifier and video distributor.

Product information
www.gira.com/brochures

Door communication system

Equipment examples	345
Door stations	352
Door station stainless steel	355
Surface-mounted door station	358
Built-in loudspeakers	360
Energy profiles	361
Letterbox systems	362
Surface-mounted home stations	363
VideoTerminal	365
Home stations	366
New. Control 9 KNX	369
DCS-IP-gateway	371
DCS-TC-gateway	372
Control devices	374
Switching actuators	376
Video accessories	377
Gira KeylessIn	380

Suitable switch ranges for home stations

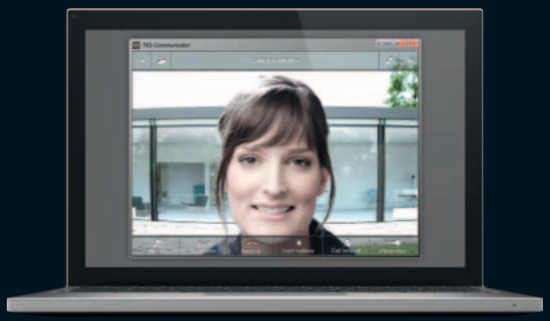
Standard 55	80
E2	86
Event	92
Esprit	106
ClassiX	116
E 22	132
Stainless Steel Series 20, 21	180
F100	182
Profile 55	238
Modular function profile	242

Suitable products for door stations

TX_44	248
Energy profiles	262



Gira DCS Communicator on the Gira Control 9 Client, glass black/aluminium



Gira DCS Communicator on a computer



Gira door communication plugged into Skype™ on the iPhone

Flush-mounted home stations
Gira home stations for flush-mounted installation are available as basic devices with hands-free units or receivers. Optionally both variants can be equipped with a TFT colour display or an additional call button. In connection with switching actuators, call buttons can also be used to switch lights. Five different ringing tone melodies can be set.

Optional TFT colour display
The TFT colour display is available in two sizes. For the Gira switch ranges in System 55 and Gira E22, the screen diagonal is 4.6 cm (1.8"); for the F100 range, it is 6.4 cm (2.5"). With its TFT technology and LED backlighting, the display delivers excellent image quality, even when viewed at an angle. The display is activated automatically as soon as someone rings the doorbell. It can also be activated manually as an alternative. An on-screen menu allows brightness, contrast and colour intensity to be set conveniently. Up to five connected cameras can be selected.

Advantages
Integrated in the Gira Standard 55, E2, Event, Esprit, ClassiX, E22 switch ranges and F100

Excellent voice quality

Optional TFT colour display

In-house calling via call button possible

Free choice of hands-free functionality or receiver in System 55 and the Gira E22 switch range

Integration possible in the modular function profile and Profile 55

Additional advantages when using the TFT colour display
High-quality image, even when viewed at an angle

Automatic and manual display activation



1



2



3

Gira door communication system
Home stations in the style of the switch range

Surface-mounted home stations
The Gira home stations for surface-mounted installation can be installed directly on the wall quickly and easily. Completely pre-assembled, they are only 21 mm thick and can either be integrated in the Gira switch ranges or used without cover frames. The surface-mounted home station video, surface-mounted home station and surface-mounted gong are available as additional solutions, e.g. for remote rooms.

Gira surface-mounted home station video
The Gira surface-mounted home station video is equipped with a high-resolution 5.1 m (2") TFT colour display which delivers excellent image quality, even when viewed at an angle. Using capacitive sensor buttons which react even to light pressing, functions such as switching light, opening the door, deactivating the ringing tone and accepting calls can be controlled easily. System settings are made conveniently per on-screen menu. As an option, an automatic door opener and automatic call acceptance for internal calls can be enabled and activated or deactivated via the menu.

Advantages
Integrated in the Gira Standard 55, E2, Event, Esprit, ClassiX, E 22 switch ranges and F100

Excellent voice quality

Pre-assembled and ready-to-connect for simple, clean installation on the wall

Low height

Convenient, voice-controlled talk-back without receiver

Additional advantages of the surface-mounted home station video
High-quality image, even when viewed at an angle

Automatic and manual display activation

Pre-wiring is possible without the device: during raw installation just the base plate is initially mounted with the connection terminals

Design
Phoenix Design, Stuttgart

Design awards
red dot award 2009, Design Zentrum NRW

iF product design award 2009, iF Design Hannover

Plus X Award 2009

Product information
www.gira.com/brochures

Gira home stations E 22 Aluminium

1
Standard home station with receiver

2
Home station with TFT colour display

3
Surface-mounted home station

4
Surface-mounted home station video

5
2-gang combination, push switch/2-gang socket outlet Chinese and "EURO-US"



4


5

Gira VideoTerminal
The Gira VideoTerminal is a home station with an especially large TFT colour display. It provides excellent image quality on its brilliant screen with a diagonal of 14.5 cm (5.7") – even when viewed at an angle.

Operation is simple and intuitive via a backlit knob for turning and pressing and four large function buttons. Excellent voice audibility is guaranteed by the integrated echo and background noise suppression. The elegant glass design cover plate is available in the colours black, white and mint. The Gira VideoTerminal can be installed either surface-mounted or flush-mounted.

Advantages
Simple and intuitive operation

Convenient, voice-controlled talk-back without receiver

Suitable for surface-mounted and flush-mounted installation

Integration possible in the modular function profile

Design
Phoenix Design, Stuttgart

Design awards
iF product design award 2008, iF Design Hannover

Plus X Award 2008

Product information
www.gira.com/brochures



1

1
Gira VideoTerminal
with 14.5 cm [5.7"]
TFT colour display
glass black in flush-mounted
mounting frame,
colour aluminium

2
Gira DCS-TV-gateway
picture display on the TV

3
Gira DCS-TC-gateway
door communication
with wired telephones

4
Gira DCS-TC-gateway
door communication
with mobile phones

Gira door communication system
VideoTerminal, DCS-TC-Gateway, DCS-TV-gateway

Gira DCS-TC-gateway
With the Gira DCS-TC-gateway, the Gira door communication system is integrated in the existing telephone system. In this way, wired and mobile telephones can be used to accept calls and open the door.

The respective telephone numbers are programmed in the DCS-TC-gateway in advance. Then it rings e.g. simultaneously in the garden, holiday home or at work, and the visitor at the front door can be spoken to. Up to 2 × 50 phone numbers can be programmed in. Day/night switching is also integrated.

Advantages
Notification to several telephones at the same time is possible

Integrated day/night switching

Differing ringing tones for normal calls and door calls can be set on the telephone

Configuration using DTMF tones or PC software

Gira DCS-TV-gateway
Watching the thriller on TV and not having to get up when somebody rings the doorbell – the Gira DCS-TV-gateway offers the right technology. It converts the signal of the outdoor video camera and passes it on to the television set.

Advantages
Data transmission per SCART connection, AV modulator or a video server

Particularly convenient in combination with the DCS-TC-gateway



2



3



4

The Gira DCS-IP-gateway makes door communication even more convenient and flexible. The intelligent interface easily integrates Gira door and home stations with 2-wire bus into IP networks, which enables audio-visual door communication via the Gira Control Clients and the computer. In this way, the devices become communication hubs and can be used anywhere a network connection or WLAN is available. In addition, it is possible to integrate the door communication in the building control. Starting up the Gira DCS-IP-gateway is simple and intuitive using a web interface.

Door communication with the Gira DCS Communicator
With the Gira DCS-IP-gateway, the Gira Control Clients or a computer can also be easily used as a home station and for in-house communication. The software required for this purpose, the Gira DCS Communicator, is available for Windows and Mac OS X. With it, all functions of the door communication can be controlled simply and intuitively.

Door communication integrated in building control
The Gira DCS-IP-gateway can also be connected to the Gira HomeServer via a plug-in. In this way, audio-visual door communication can be integrated in the Gira Interface. It can then be controlled via the Gira Control Clients or the computer. This makes door communication more flexible and creates numerous new application possibilities in the KNX system. For example, opening the door can be coupled with switching on the light or heating. Moreover, the Gira KeylessIn components Fingerprint, Transponder and Keypad can be integrated. All data including access authorisation can then be managed centrally using the Gira HomeServer. Temporary or one-time access authorisation can also be granted easily in this way.

New. **Voice messages via the door stations**
With the Gira DCS-IP-gateway, voice messages can also be output via the door station when using the Gira Home Server. For example, with this option it is possible to have the system react to a code entered via the Gira KeylessIn Keypad with greeting texts or differentiated system messages.

1 Door communication integrated in the user interface of the Gira HomeServer on the Gira Control 19 Client

2 Gira DCS Communicator on the Gira Control 9 Client



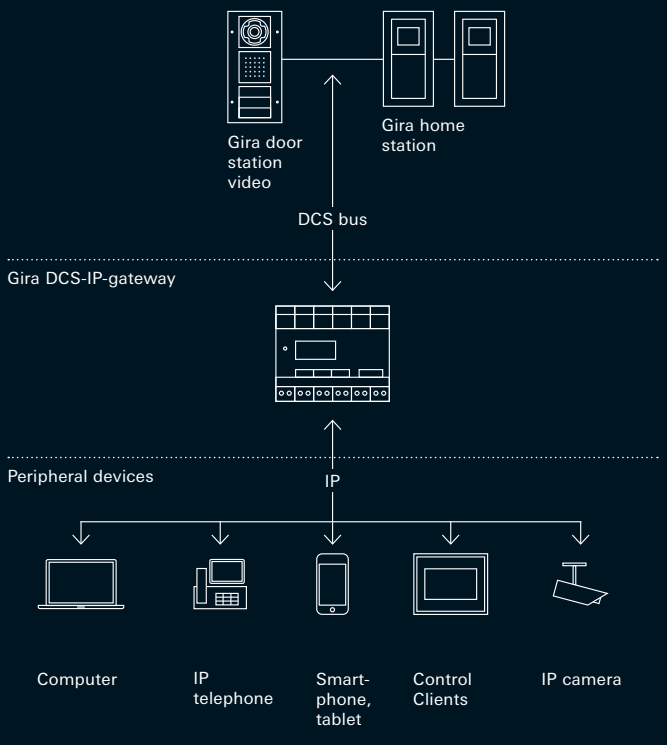
1



2

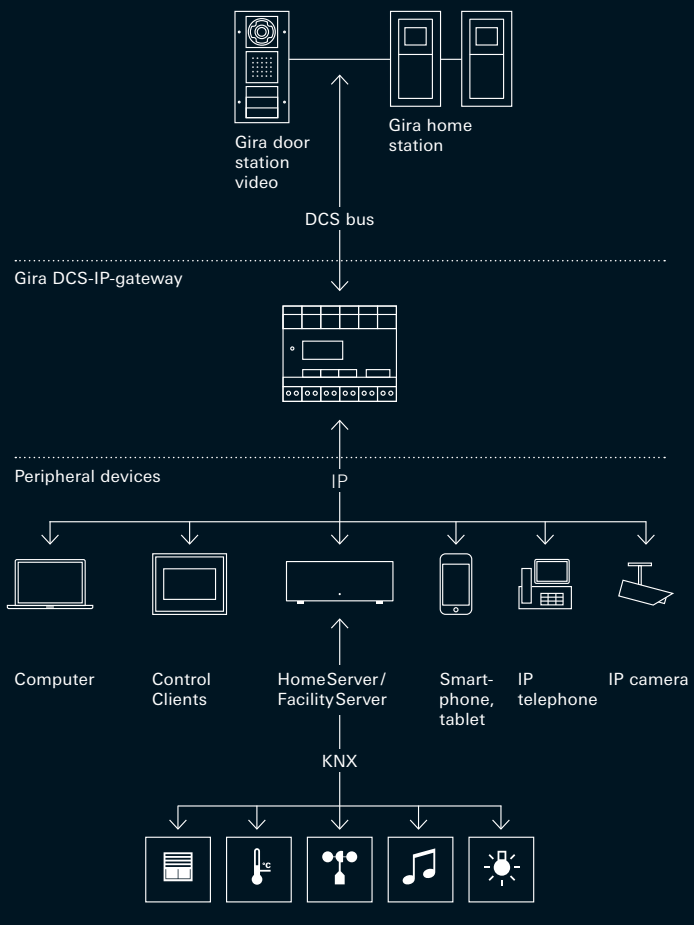
System overview of DCS-IP-gateway

Gira door communication system



System overview of DCS-IP-gateway with the Gira HomeServer/Gira FacilityServer

Gira door communication system



Gira door communication system
DCS-IP-gateway

New. **Mobile door communication plugged into Skype™**
The Gira DCS-IP-gateway enables mobile door communication with Skype – using a smartphone or tablet, on the computer or with suitable smart TVs. In this way, residents can always see who is at the door and open the door remotely if desired, e.g. to let guests in or accept a package. And to prevent unauthorised access, opening the door can be protected using a personal password. Skype with intelligent data management ensures optimum image and sound quality at all times. The range detects the connection being used and automatically adapts the transmission rate.

Available starting 02/2013

Advantages
Door communication in the IP network

Mobile door communication with Skype

Video and message memory

Control using various operating devices such as Gira Control Clients, PCs or Macs

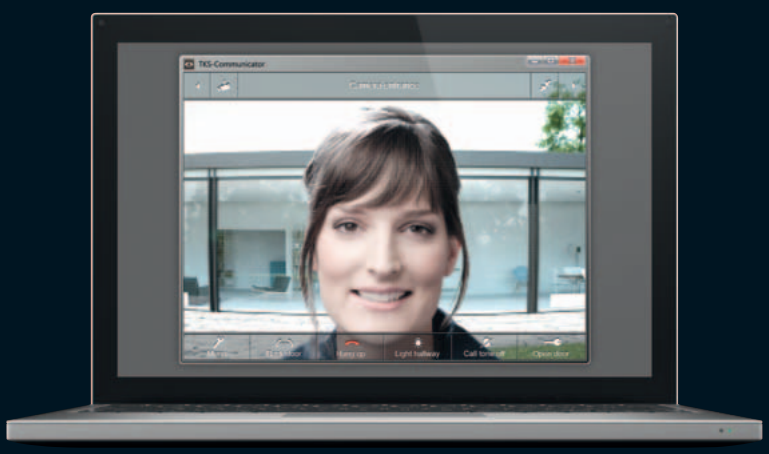
Integration of door communication in building control

Lip-synchronised voice transmission via SIP

Mounting as DRA device in control cabinet

Simple start-up via web interface

Awards
Plus X Award 2012
[Mobile door communication with the Gira DCS-IP-gateway 2.1]



Gira DCS Communicator
on a laptop

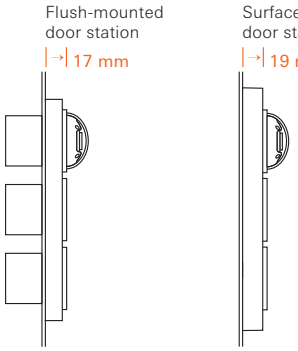


Gira door communication
plugged into Skype™
on the iPhone

The Gira door stations serve as voice and operating units for outdoor areas and are as such the counterpieces to home stations within the building. Everything from single-family homes to large buildings with up to 68 residential units can be equipped with it. The product range includes surface-mounted and flush-mounted variants, solutions for integration in existing systems and options for installation in front panels and letterbox systems from various manufacturers.

Gira flush-mounted door stations
Gira door stations for flush-mounted installation are installed in combination with the cover frames from the Gira TX_44 switch range. The basic variant is equipped with a door loud-speaker, a microphone and a 1-gang or 3-gang call button. Optionally the door stations can be expanded with addi-tional components such as a colour camera, info module or KeylessIn products.

Gira surface-mounted door stations
In addition to the Gira flush-mounted door stations, the Gira door communication system also offers five door stations for surface-mounted installation. They are completely pre-assembled and are only 19 mm thick.



Advantages
Excellent voice quality

Colour camera with automatic day/night switching

Professional inscription service

Optional theft protection with separate Tri-Wing screw set, which can be ordered as Article No. 1407 00

Additional advantages of Gira flush-mounted door stations
Matches the cover frames of the Gira TX_44 switch range, which means it's also suitable for the Gira energy profiles

Installation in 58 mm flush-mounted boxes

Can be integrated in letterboxes from various manufacturers, such as Renz

Because of its modular design, it can be expanded at any time with additional functions, such as a colour camera

Additional advantages of Gira surface-mounted door stations
Especially flat with a height of just 19 mm

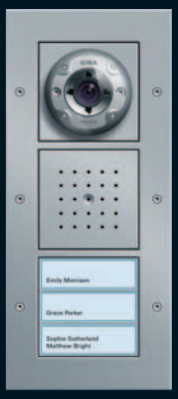
Pre-assembled and ready-to-connect for quick installation

Variants with audio and video function

Colours
Pure white (similar to RAL 9010),
anthracite (lacquered),
colour aluminium (lacquered)

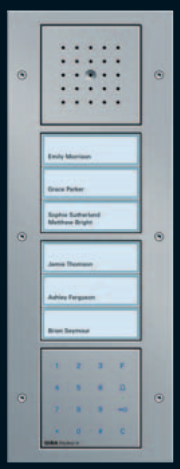
Material
Thermoplastic, shock-resistant and shatter-proof, halogen-free, UV-resistant, weather-resistant

Protection type
IP 44


3


4


5


6

Gira door communication system
Door stations, DCS-camera-gateway

DCS-camera-gateway
External analogue cameras can be integrated into the Gira door communication system via the Gira DCS-camera-gateway. This makes it possible to equip the door stations with video functionality even retroactively and have a view of several freely selected areas with one home station. The Gira DCS-camera-gateway can be installed surface-mounted, flush-mounted or on a top-hat rail using a DRA adapter.

External camera
The external camera for wall and ceiling mounting can be integrated into the Gira door communication system via the DCS-camera-gateway. Equipped with a wide-range lens, a zoom and focus function and integrated infrared lighting, the camera is also suitable for monitoring dark areas and use from further distances. The light-sensitive chip set ensures clear imaging in case of poor lighting conditions. Adjustable infrared LEDs enable monitoring in total darkness.

Gira Inscription Service
With the Gira Inscription Service, the call buttons for the Gira door stations can be designed in just a few steps online. At **www.marking.gira.com**, an inscription can be drafted and ordered using a web form. Printed inscription holders are then immediately sent per post. The labels are transparent, non-fading, weather-resistant and wrinkle-free (subject to a charge). In addition, it is possible to save the draft as a PDF document and print it yourself. Electrical trade specialists use the "DesignPro Edition Gira" inscription software from Avery Zweckform. Gira offers suitable A4 size inscription sheets.

1 Gira DCS-camera-gateway
2 External camera



1



2

Gira door stations,
colour aluminium

3
Surface-mounted door station,
3-gang with colour camera

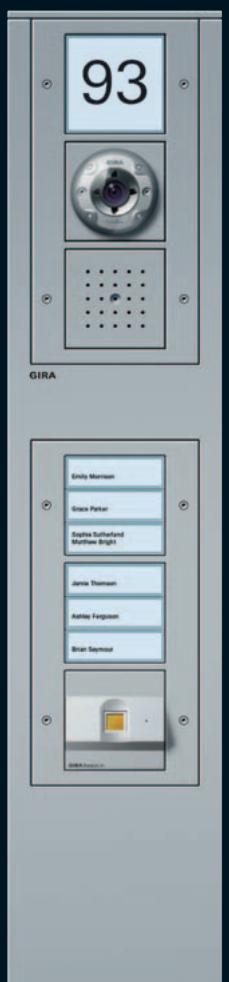
4
Surface-mounted door station,
3-gang and additional 3-gang
call button

5
Door station, 3-gang with colour
camera and additional 3-gang
call button
Gira TX_44 cover frame, 4-gang

6
Gira door station, 3-gang with
additional 3-gang call button and
KeylessIn Keypad,
Gira TX_44 cover frame, 4-gang

7
Gira energy profile
equipped with info module,
colour camera, door station, 3-gang,
an additional 3-gang call button and
KeylessIn Fingerprint reader

7

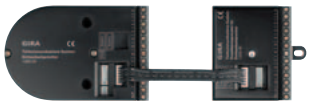


Gira built-in loudspeaker
With the built-in loudspeaker, the Gira door communication System is integrated in letterbox systems, door side installations or front panels.
The built-in loudspeaker assumes the function of a door station and acts as an adapter between the mechanical call buttons of the existing bell system and the Gira 2-wire bus.

An add-on module is available for systems with more than eight call buttons. It provides connection options for an additional twelve call buttons and is installed in the voice compartment of the system in addition to the built-in loudspeaker. Up to five add-on modules can be connected to the built-in loudspeaker in this way. This means, buildings with up to 68 residential units can be realised.

Integration in existing front panels and letterbox systems
Gira also offers door communication solutions for individual areas of application – from single-family homes to buildings with up to 68 residential units. Gira door stations can be integrated in letterbox systems or in individually produced front panels from Renz or other manufacturers. This is also the case – in conjunction with a built-in loudspeaker – for existing units, voice compartments and door side installations. A wide selection of design and material variants is available.

Gira built-in loudspeaker
with add-on module





5



6

Gira door communication system
Installation solutions, door station stainless steel

The Gira door station stainless steel combines design and strength. It's not only highly attractive with its high-quality stainless-steel front panel but also extremely rugged and thus vandal-proof. The front panel and name plates match up nearly seamlessly, so nothing can be inserted in the cracks.

The name plates are protected with security glass, and the microphone and loudspeaker are concealed. Variants for up to twelve residential units are available – with and without a colour camera.

Gira Inscription Service
This free service applies to the purchase of a Gira door station stainless steel. It includes a professional initial inscription of the call buttons via the Gira Inscription Service for the homogeneous appearance of outdoor applications. The inscription holders are non-fading, weather-resistant, wrinkle-free and the size is optimally matched to the Gira door station stainless steel. At **www.marking.gira.com**, an inscription can be designed in just a few steps and ordered using a web form. You will then receive the inscription holders within a few days in the post.

Advantages
Rugged, ground 3 mm thick V2A stainless steel front panel

Screwless installation for all variants

Concealed mechanism for exchanging name plates, which prevents unauthorised access

Even illumination of name plates and call buttons with white LED

Ready-to-connect on delivery, only the 2-wire bus must be connected

Free initial inscription of the call buttons

Design
Phoenix Design, Stuttgart

Design awards
iF product design award 2007, iF Design Hannover Plus X Award 2007

Product information
www.gira.com/brochures

Gira door station

1 Stainless steel, 2-gang
2 Stainless steel, 8-gang
3 Stainless steel, 4-gang with colour camera
4 Stainless steel, 12-gang with colour camera



1



2



3



4

5
Gira built-in loudspeaker, integrated into a letterbox system from Renz, Model Group 14, stainless steel

6
Gira door station, 3-gang with nine additional 3-gang call buttons and info module, integrated in an aluminium front panel from Renz

7
Gira door station stainless steel, 4-gang



7

Gira door communication system

New. Video multiplexer, video amplifier, video distributor

With the video multiplexer, video amplifier and video distributor, three system devices are available in the Gira door communication system for flexible system planning. All devices feature a combination housing, which allows them to be installed surface-mounted, flush-mounted or in the current distributor using the provided DRA adapter on the top-hat rail.

Gira video multiplexer
The Gira video multiplexer bundles the signals of several door stations. Two video multiplexers can be linked to connect up to five door stations.

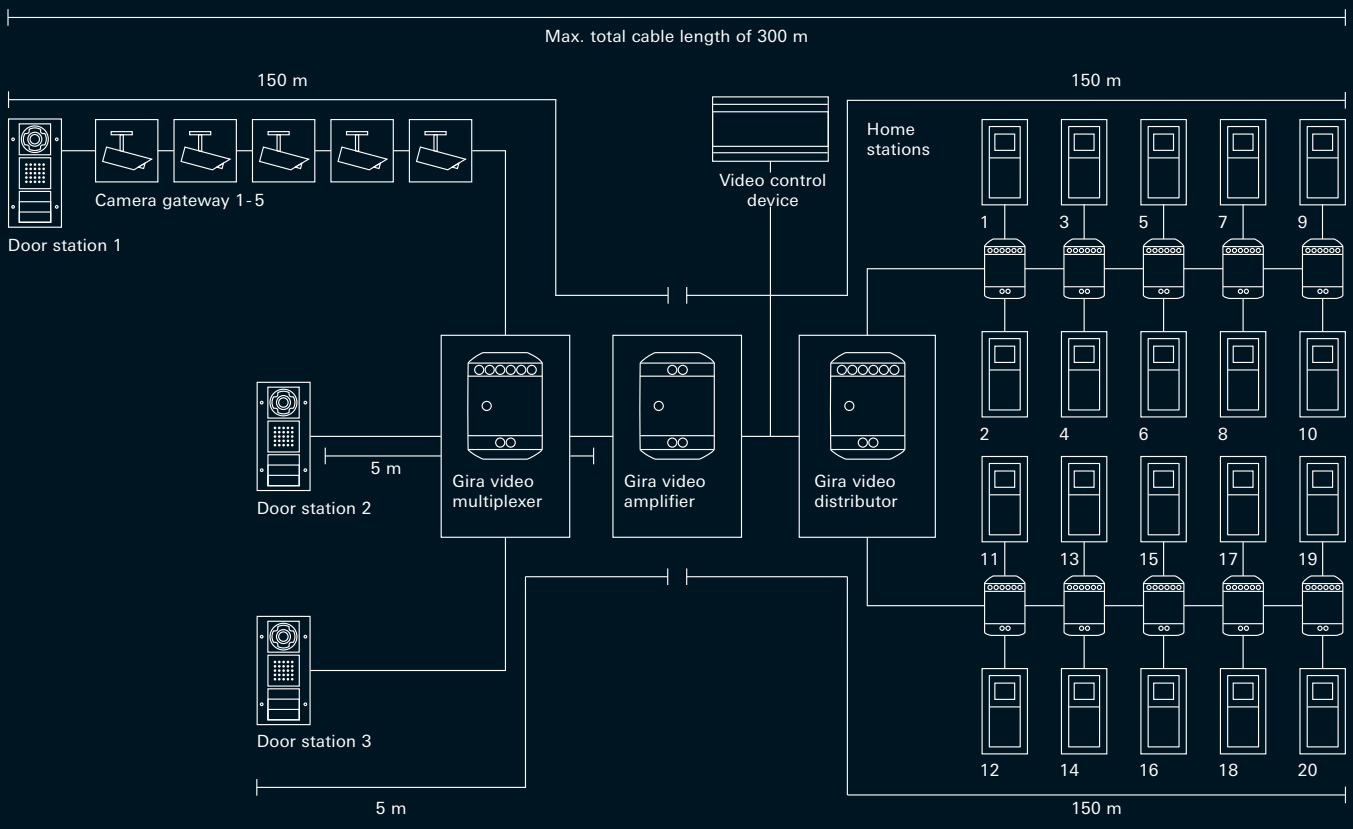
Gira video amplifier
The Gira video amplifier increases the maximum cable length between the door and home station from 150 m to 300 m.

Gira video distributor
The Gira video distributor distributes the video signals to a maximum of three lines. Depending on the system design, up to 15 video distributors can be used.

1 Gira video multiplexer
2 Gira video amplifier
3 Gira video distributor

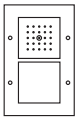
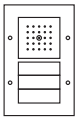
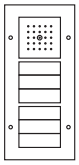
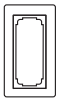
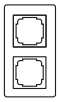


3 4 5



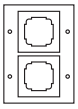
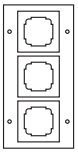
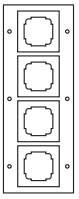
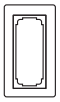
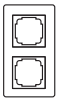
Equipment examples audio

1 – 6 devices
Surface-mounted door station, pure white

Number of devices		Surface-mounted door station, 1-gang, Order No. 1266 66 	Surface-mounted door station, 3-gang, Order No. 1267 66 	Surface-mounted door station, 6-gang, Order No. 1268 66 	Audio control device, Order No. 1287 00 	Surface-mounted home station, Order No. 1250 03 	Frame Standard 55, 2-gang without crossbar, Order No. 1002 03 	Home station, Order No. 1280 103 	Frame Standard 55, 2-gang, Order No. 0212 03 
Surface-mounted door station, pure white Surface-mounted home station, pure white glossy									
1		1			1	1	1		
2			1		1	2	2		
3			1		1	3	3		
4				1	1	4	4		
5				1	1	5	5		
6				1	1	6	6		
Surface-mounted door station, pure white Home station, pure white glossy									
1		1			1			1	1
2			1		1			2	2
3			1		1			3	3
4				1	1			4	4
5				1	1			5	5
6				1	1			6	6

Equipment examples audio

1 – 9 devices
Door station, pure white

Number of devices		Door station, 1-gang, Order No. 1260 66	Door station, 3-gang, Order No. 1261 66	Call button, 3-gang, Order No. 1263 00	Frame TX_44, 2-gang, Order No. 0212 66	Frame TX_44, 3-gang, Order No. 0213 66	Frame TX_44, 4-gang, Order No. 0214 66	Audio control device, Order No. 1287 00	Surface-mounted home station, Order No. 1250 03	Frame Standard 55, 2-gang without crossbar, Order No. 1002 03	Home station, Order No. 1280 103	Frame Standard 55, 2-gang, Order No. 0212 03
												
Door station, pure white Surface-mounted home station, pure white glossy												
1		1			1			1	1	1		
2			1		1			1	2	2		
3			1		1			1	3	3		
4			1	1		1		1	4	4		
5			1	1		1		1	5	5		
6			1	1		1		1	6	6		
7			1	2			1	1	7	7		
8			1	2			1	1	8	8		
9			1	2			1	1	9	9		
Door station, pure white Home station, pure white glossy												
1		1			1			1			1	1
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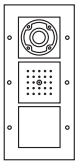
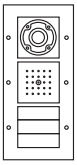
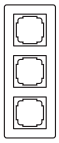
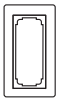
3			1		1			1			3	3
4			1	1		1		1			4	4
5			1	1		1		1			5	5
6			1	1		1		1			6	6
7			1	2			1	1			7	7
8			1	2			1	1			8	8
9			1	2			1	1			9	9

Equipment examples video

1 – 3 devices
Surface-mounted door station video, pure white

Number of devices		Surface-mounted door station video, 1-gang, Order No. 1269 66 	Surface-mounted door station video, 3-gang, Order No. 1270 66 	Video control device, Order No. 1288 00 	Home station, Order No. 1280 103 	TFT colour display, Order No. 1286 03 	Frame Standard 55 3-gang, Order No. 0213 03 	Surface-mounted home station video, Order No. 1279 03 	Frame Standard 55, 2-gang without crossbar, Order No. 1002 03 
Surface-mounted door station video, pure white Home station with TFT colour display, pure white glossy									
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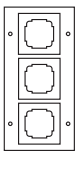
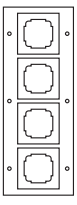
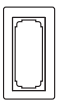
2			1	1	2	2	2		
3			1	1	3	3	3		
Surface-mounted door station video, pure white Surface-mounted home station video, pure white glossy									
1		1		1				1	1
2			1	1				2	2
3			1	1				3	3

1 – 6 devices
Door station with colour camera, pure white
Surface-mounted home station video, pure white glossy

Number of devices		Door station, 1-gang, Order No. 1260 66 	Door station, 3-gang, Order No. 1261 66 	Call button, 3-gang, Order No. 1263 00 	Colour camera, Order No. 1265 66 	Frame TX_44, 3-gang, Order No. 0213 66 	Frame TX_44, 4-gang, Order No. 0214 66 	Video control device, Order No. 1288 00 	Surface-mounted home station video, Order No. 1279 03 		Frame Standard 55, 2-gang without crossbar, Order No. 1002 03 
1		1			1	1		1	1		1
2			1		1	1		1	2		2
3			1		1	1		1	3		3
4			1	1	1		1	1	4		4
5			1	1	1		1	1	5		5
6			1	1	1		1	1	6		6

Equipment examples Keyless In Fingerprint

1 – 6 devices and Gira Keyless In Fingerprint
Door station with Keyless In Fingerprint, pure white
Home station, pure white glossy

Number of devices		Door station, 1-gang, Order No. 1260 66	Door station, 3-gang, Order No. 1261 66	Call button, 3-gang, Order No. 1263 00	Keyless In Fingerprint reader, Order No. 2607 66	Frame TX_44, 3-gang, Order No. 0213 66	Frame TX_44, 4-gang, Order No. 0214 66	Audio control device, Order No. 1287 00	Power supply, Order No. 1296 00	Home station, Order No. 1280 103	Frame Standard 55 2-gang, Order No. 0212 03
1		1			1	1		1	1	1	1
2			1		1	1		1	1	2	2
3			1		1	1		1	1	3	3
4			1	1	1		1	1	1	4	4
5			1	1	1		1	1	1	5	5
6			1	1	1		1	1	1	6	6

Equipment examples door station stainless steel video and VideoTerminal and door station stainless steel

1 – 2 devices
Door station stainless steel video
VideoTerminal in surface-mounted mounting frame, glass white

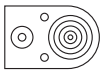
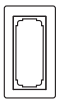
Number of devices	Door station stainless steel video, 1-gang, Order No. 2551 20	Door station stainless steel video, 2-gang, Order No. 2552 20	Video control device, Order No. 1288 00	Power supply, Order No. 2570 00	Mounting frame surface-mounted, Order No. 1251 04	Video Terminal, glass white, Order No. 2600 12
1	1		1	1	1	1
2		1	1	2	2	2

1 – 12 devices
Door station, stainless steel
Surface-mounted home station, pure white glossy

Number of devices	Door station stainless steel, 4-gang		Door station stainless steel, 10-gang		Audio control device, Order No. 1287 00	Surface-mounted hands-free home station, Order No. 1250 03		Frame Standard 55, 2-gang without cross-bar, Order No. 1002 03
	Quantity	Order No.	Quantity	Order No.				
1	1	2501 20			1	1		1
2	1	2502 20			1	2		2
3	1	2503 20			1	3		3
4	1	2504 20			1	4		4
6	1	2506 20			1	6		6
8	1	2508 20			1	8		8
9	1	2509 20			1	9		9
10			1	2510 20	1	10		10
12			1	2512 20	1	12		12

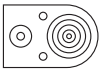
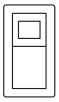
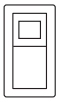
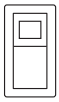
Equipment examples installation solution

1 – 68 devices
Built-in loudspeaker for integration into existing systems
Surface-mounted home station, pure white glossy

Number of devices		Built-in loudspeaker, Order No. 1258 00 	Add-on module, Order No. 1259 00 	Audio control device, Order No. 1287 00 	Surface-mounted home station, Order No. 1250 03 		Frame Standard 55, 2-gang without crossbar, Order No. 1002 03 
1		1		1	1		1
2		1		1	2		2
3		1		1	3		3
4		1		1	4		4
5		1		1	5		5
6		1		1	6		6
7		1		1	7		7
8		1		1	8		8
9		1	1	1	9		9
10		1	1	1	10		10
11		1	1	1	11		11
12		1	1	1	12		12
13		1	1	1	13		13
14		1	1	1	14		14
15		1	1	1	15		15
16		1	1	1	16		16
17		1	1	1	17		17
18		1	1	1	18		18
19		1	1	1	19		19
20		1	1	1	20		20
21		1	2	1	21		21
22		1	2	1	22		22
23		1	2	1	23		23
24		1	2	1	24		24
25		1	2	1	25		25
26		1	2	1	26		26
27		1	2	1	27		27
28		1	2	1	28		28
29		1	2	1	29		29
30		1	2	1	30		30
35		1	3	1	35		35
40		1	3	1	40		40
45		1	4	1	45		45
50		1	4	1	50		50
55		1	4	1	55		55
60		1	5	1	60		60
65		1	5	1	65		65
68		1	5	1	68		68

Equipment examples installation solution

1 – 28 devices
Door station with colour camera for integration into existing systems
Surface-mounted home station video, pure white glossy

Residential units	Suitable letterbox system or front panel, e.g. from Renz	Colour camera, Order No. 1265 66 	Built-in loudspeaker, Order No. 1258 00 	Add-on module, Order No. 1259 00 	Video control device, Order No. 1288 00 	One home station per residential unit		Two home stations per residential unit		Three home stations per residential unit	
						Surface-mounted home station video, Order No. 1279 03 in frame Standard 55* 		Surface-mounted home station video, Order No. 1279 03 in frame Standard 55* 		Surface-mounted home station video, Order No. 1279 03 in frame Standard 55* 	
1		1	1		1	1		2		3	
2		1	1		1	2		4		6	
3		1	1		1	3		6		9	
4		1	1		1	4		8		12	
5		1	1		1	5		10		15	
6		1	1		1	6		12		18	
7		1	1		1	7		14			
8		1	1		1	8		16			
9		1	1	1	1	9		18			
10		1	1	1	1	10		20			
11		1	1	1	1	11		22			
12		1	1	1	1	12		24			
13		1	1	1	1	13					
14		1	1	1	1	14					
15		1	1	1	1	15					
16		1	1	1	1	16					
17		1	1	1	1	17					
18		1	1	1	1	18					
19		1	1	1	1	19					
20		1	1	1	1	20					
21		1	1	2	1	21					
22		1	1	2	1	22					
23		1	1	2	1	23					
24		1	1	2	1	24					
25		1	1	2	1	25					
26		1	1	2	1	26					
27		1	1	2	1	27					
28		1	1	2	1	28					

*2-gang without crossbar, pure white glossy, Order No. 1002 03

	Order no.	Packing unit	PS

Door stations



Door station
1-gang

TX_44, white LED call button illumination

pure white	**1260 66**	1	18
anthracite	**1260 67**	1	18
colour aluminium	**1260 65**	1	18



Door station
3-gang

TX_44, white LED call button illumination

pure white	**1261 66**	1	18
anthracite	**1261 67**	1	18
colour aluminium	**1261 65**	1	18

If only 2 call buttons are required, please use call-button cover plate **1255 ...**

The flush-mounted door station offers the following product features:

- Installation in the 58 mm flush-mounted box.
- Fits in the cover frames of the Gira TX_44 switch range.
- Modular structure, therefore simple installation and expandable with further components such as call buttons, info module, colour camera, Keyless In.
- Signal transfer and supply of the audio and video components via the reverse-polarity-protected and short-circuit-proof 2-wire bus.
- One-man commissioning through simple commissioning procedure.
- Weather-resistant loudspeaker.
- High-quality electret microphone.
- Hands-free feature (voice-controlled talk-back with echo and background noise suppression).
- Call button illumination with LEDs. Steady, clearly visible call button illumination is achieved via the maintenance-free, energy-saving LED technology.
- Audible acknowledgement signal when a call button is pressed.
- Adjustable speech volume.
- Sprayed-water proof call-button cover plate made of shock-resistant plastic.
- Name plate of the call button can be exchanged without tools and cover frame removal.
- Professional labelling with the Gira inscription service **www.marking.gira.com/en** or the Gira inscription software.
- Binary input for connection of a zero-voltage push button (NO contact) as a call button.
- This component enables door communication systems with more than 30 devices to be set up.

	Order no.	Packing unit	PS

Power supply:	26 V DC ± 2 V (bus voltage)
Bus coupler connections:	two screw terminals for 2-wire bus two screw terminals for additional supply 2 system bus connector strips 1 video connector strip
Speech insert connections:	2 system bus connector strips
Name plate dimensions:	W x H 62 x 18 mm
Temperature range:	-25 °C to +70 °C
Protection type:	IP 44

Control device
Audio 1287 00 → Page 374.
Video (for expansion by colour camera) 1288 00 → Page 374.
Call button 1262 00, 1263 00 → Page 353.
Info module 1264 00 → Page 353.
Colour camera for flush-mounted door station 1265 .. → Page 354.
Keyless In keypad 2605 .., Transponder reader 2606 .., Fingerprint reader 2607 .. → Page 382.
Energy profile 1353 .., 1354 .., 1355 .. → Page 265.
Mounting plate 1297 00, 1298 00, 1299 00 → Page 379.
Call-button cover plate for call button, 3-gang 1255 .. → Page 379.
Tri-Wing screw set 1407 00 → Page 379.
Inscription sheets 1459 00 → Page 294.
Labelling software 1423 00 → Page 295.

Cover frames TX_44, 1 to 4-gang, 0211 65/66/67 to 0214 65/66/67 → Page 258.

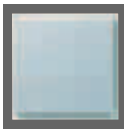
Installation profile for integration in letter box systems, mounting plates and door side installations, e.g. of the manufacturers JU-Metallwaren, Normbau 1274 00, 1275 00, 1276 00, 1277 00 → Page 361.

Gira door communications system in letter box systems in cooperation with the manufacturer RENZ → Page 362. i 21

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Add-on modules for door stations



1-gang call button for door station

TX_44, white LED call button illumination

neutral	**1262 00**	1	18



3-gang call button for door station

TX_44, white LED call button illumination

neutral	**1263 00**	1	18

Call buttons not required can be covered with the call-button cover plate **1255 ...**

The 2/3-gang call button offers the following product features:

- Expansion of the flush-mounted door station by additional call buttons (up to 14 call buttons can be connected to a flush-mounted door station).
- Installation in the 58 mm flush-mounted box.
- Fits in the cover frames of the Gira TX_44 switch range.
- Modular design, allowing easy installation and expansion.
- Signal transfer and supply of the audio and video components via the reverse-polarity-protected and short-circuit-proof 2-wire bus.
- Call button illumination with LEDs. Steady, clearly visible call button illumination is achieved via maintenance-free, energy-saving LED technology.
- Sprayed-water proof call-button cover plate made of shock-resistant plastic.
- Name plate can be replaced without tools and cover frame removal.
- Professional labelling with the Gira inscription service **www.marking.gira.com/en** or the Gira inscription software.

Power supply:	via system bus
Connections:	2 system bus connector strips
Name plate dimensions:	W x H 62 x 18 mm
Temperature range:	-25 °C to +70 °C
Protection type:	IP 44

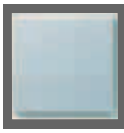
Flush-mounted door station 1260 .., 1261 .. → Page 352.
Call-button cover plate for call button, 3-gang 1255 .. → Page 379.
Inscription sheets 1459 00 → Page 294.
Labelling software 1423 00 → Page 295.

Cover frames TX_44, 1 to 4-gang, 0211 65/66/67 to 0214 65/66/67 → Page 258.

Installation profile for integration in letter box systems, mounting plates and door side installations, e.g. of the manufacturers JU-Metallwaren, Normbau 1274 00, 1275 00, 1276 00, 1277 00 → Page 361.

Gira door communications system in letter box systems in cooperation with the manufacturer RENZ → Page 362.

	Order no.	Packing unit	PS



Info module for door station

TX_44, white LED call button illumination

neutral	**1264 00**	1	18

The info module offers the following product features:

- Expansion of the flush-mounted door station by an info module for display of the house number, name or other information.
- Installation in the 58 mm flush-mounted box.
- Fits in the cover frames of the Gira TX_44 switch range.
- Modular design, allowing easy installation and expansion.
- LED backlighting. Steady, clearly visible illumination is achieved via maintenance-free, energy-saving LED technology.
- Sprayed-water proof cover plate made of shock-resistant plastic.
- Inscription label can be replaced without tools and cover frame removal.
- Professional labelling with the Gira inscription service **www.marking.gira.com/en** or the Gira inscription software.

Power supply:	via system bus
Connections:	2 system bus connector strips
Name plate dimensions:	W x H 62 x 62 mm
Temperature range:	-25 °C to +70 °C
Protection type:	IP 44

Flush-mounted door station 1260 .., 1261 .. → Page 352.
Inscription sheets 1458 00 → Page 294.
Labelling software 1423 00 → Page 295.

Cover frames TX_44, 1 to 4-gang, 0211 65/66/67 to 0214 65/66/67 → Page 258.

Installation profile for integration in letter box systems, mounting plates and door side installations, e.g. of the manufacturers JU-Metallwaren, Normbau 1274 00, 1275 00, 1276 00, 1277 00 → Page 361.

Gira door communications system in letter box systems in cooperation with the manufacturer RENZ → Page 362.



Colour camera for door station

	Order no.	Packing unit	PS
pure white	**1265 66**	1	10
anthracite	**1265 67**	1	10
colour aluminium	**1265 65**	1	10

The colour camera offers the following product features:
- Installation in the 58 mm flush-mounted box.
- Fits in the cover frames of the Gira TX_44 switch range.
- Expansion of door stations by a colour camera with automatic day/night switching. the camera switches from daytime operation (colour presentation) to night mode (black and white presentation) and back again at a defined ambient brightness. Due to the high degree of light sensitivity in night mode, good presentation results are achieved even with poor lighting conditions.
- LEDs ensure homogeneous illumination of the field of view at close proximity in the night mode.
- Signal transfer and supply of the audio and video components via the reverse-polarity-protected and short-circuit-proof 2-wire bus.
- Camera can be manually swivelled 20° horizontally and vertically. In combination with the wide-angle lens, a very wide field of view of the door entry area results.
- Automatic background lighting compensation.
- Automatic white balance.
- Automatic gain control (AGC).
- Integrated temperature-dependent camera heating.
- Sprayed-water proof cover plate.
- Camera cover plate made of shock-resistant plastic. Easy to replace when damaged, e.g. through vandalism.

Note: The colour camera may not be positioned directly below a light.

Power supply:	2 cameras via system bus from 3rd camera via additional power supply **1296 00**
Camera insert connections:	2 system bus connector strips 1 video connector strip
Image capture element:	CCD sensor 0,85 cm (1/3")
Wide-angle objective:	150° Aperture angle
Visible detection range:	Angle of detection of the camera 100°
Detectable area (with 20° swivelling):	140°
Colour system:	PAL
Pixels:	500 (H) x 582 (V)
Horizontal resolution:	380 TV lines
Switching threshold colour to B/W operation:	1 lux
Light sensitivity in B/W operation:	0.1 lux
Electronic shutter close time:	up to 1/100000 s
IR filter:	integrated
Recommended camera installation height:	1.50 m
Temperature range:	-20 °C to +50 °C
Protection type:	IP 44

Flush-mounted door station 1260 .., 1261 .. → Page 352.
Video control device 1288 00 → Page 374.
Audio/video connection cable set 50 cm 1273 00 → Page 378.

Cover frames TX_44, 1 to 4-gang, 0211 65/66/67 to 0214 65/66/67 → Page 258.

Suitable for use in energy profile 1354 .., 1355 .., 1356 .. → Page 265.

Not suitable for use in energy profile with light (1600 mm, 3 x empty) 1353 ...

Installation profile for integration in letter box systems, mounting plates and door side installations, e.g. of the manufacturers JU-Metallwaren, Normbau 1274 00, 1275 00, 1276 00, 1277 00 → Page 361.

Gira door communications system in letter box systems in cooperation with the manufacturer RENZ → Page 362.

i 26

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Door station stainless steel



1-gang Stainless Steel	**2501 20**	1	20
2-gang Stainless Steel	**2502 20**	1	20
3-gang Stainless Steel	**2503 20**	1	20
4-gang Stainless Steel	**2504 20**	1	20
6-gang Stainless Steel	**2506 20**	1	20
8-gang Stainless Steel	**2508 20**	1	20
9-gang Stainless Steel	**2509 20**	1	20



10-gang Stainless Steel	**2510 20**	1	20
12-gang Stainless Steel	**2512 20**	1	20

The Gira door station stainless steel is a fully pre-assembled door station protected against vandalism (front panel and flush-mounted box) for use in everything from single-family homes to large buildings for the Gira door communication system.
The door station stainless steel offers the following product features:

- 3 mm thick, ground stainless-steel front panel of high-quality Nirosta V2A stainless steel. This makes it especially resistant to environmental influences and vandalism.
- Screwless installation system. Unlocking is carried out with a special opening tool included with the product.
- Depth of flush-mounted box: 40 mm
- Flush-mounted box with wall anchors and openings for cable feed.
- Special design principle of the loudspeaker and microphone for avoidance of vandalism and moisture penetration. Due to the design used, it is not possible to puncture the loudspeaker or microphone with a sharp object.
- Hands-free feature (voice-controlled talk-back with echo and background noise suppression)
- Adjustable speech volume.
- Vandalism-protected stainless-steel call buttons. These are recessed flush in the front panel and have a precise switching behaviour when a call button is pressed.
- Acoustic acknowledgement signal when call button is pressed (can be deactivated if necessary).
- Night design of stainless-steel call buttons. Illumination with white LED illumination.

	Order no.	Packing unit	PS

- The inscription area or the name plates are uniformly illuminated with maintenance-free, energy-saving white LEDs.
- The cover windows for the name plates are recessed flush in the front panel and consist of shatter-proof, scratch-resistant, 5 mm thick safety glass. They are therefore especially impervious to vandalism in the form of impacts, fire, scratching etc. In addition, they are easy to clean when soiled.
- The name plates can be removed from the front without dismantling the door station stainless steel. The unlocking device of the name plates is concealed.
- The name plates are protected against sprayed water.
- The door station stainless steel is supplied ready for connection including built-in loudspeaker and, for larger buildings, including an expansion module. This eliminates time-consuming wiring of the call buttons. Only a Gira 2-wire bus is required for connection of the door station stainless steel.
- A catch strap and supporting surface in the flush-mounted box serve as mounting aids during installation.
- One-man commissioning through simple commissioning procedure.
- Circumferential sponge rubber seal for wall sealing on the underside of the front panel.
- Large coverage between flush-mounted box and masonry.
- Professional labelling with the Gira inscription service **www.marking.gira.com/en** or the Gira inscription software.

Power supply:	26 V DC ± 2 V (bus voltage)
Connections:	two screw terminals for 2-wire bus two screw terminals for additional supply 2 system bus connector strips
Dimensions:	
1-gang:	W x H 160 x 218 mm (front panel) W x H x D 140 x 198 x 40 mm (flush-mounted box)
2-gang:	W x H 160 x 218 mm (front panel) W x H x D 140 x 198 x 40 mm (flush-mounted box)
3-gang:	W x H 160 x 218 mm (front panel) W x H x D 140 x 198 x 40 mm (flush-mounted box)
4-gang:	W x H 160 x 285 mm (front panel) W x H x D 140 x 265 x 40 mm (flush-mounted box)
6-gang:	W x H 160 x 285 mm (front panel) W x H x D 140 x 265 x 40 mm (flush-mounted box)
8-gang:	W x H 160 x 352 mm (front panel) W x H x D 140 x 332 x 40 (flush-mounted box)
9-gang:	W x H 160 x 352 mm (front panel) W x H x D 140 x 332 x 40 (flush-mounted box)
10-gang:	W x H 270 x 285 mm (front panel) W x H x D 250 x 265 x 40 mm (flush-mounted box)
12-gang:	W x H 270 x 285 mm (front panel) W x H x D 250 x 265 x 40 mm (flush-mounted box)
Name plate dimensions:	W x H 62 x 18 mm
Temperature range:	-25 °C to +70 °C
Protection type:	IP 44

Control device Audio 1287 00 → Page 374.
Inscription sheets 1459 00 → Page 294.
Labelling software 1423 00 → Page 295.



Door station stainless steel video

	Order no.	Packing unit	PS
1-gang Stainless Steel	**2551 20**	1	20
2-gang Stainless Steel	**2552 20**	1	20
3-gang Stainless Steel	**2553 20**	1	20
4-gang Stainless Steel	**2554 20**	1	20
6-gang Stainless Steel	**2556 20**	1	20
8-gang Stainless Steel	**2558 20**	1	20
9-gang Stainless Steel	**2559 20**	1	20



Door station stainless steel video

	Order no.	Packing unit	PS
10-gang Stainless Steel	**2560 20**	1	20
12-gang Stainless Steel	**2562 20**	1	20

The Gira door station stainless steel is a fully pre-assembled door station protected against vandalism (front panel and flush-mounted box) for use in everything from single-family homes to large buildings for the Gira door communication system.
The door station stainless steel offers the following product features:

- 3 mm thick, ground stainless-steel front panel of high-quality Nirosta V2A stainless steel. This makes it especially resistant to environmental influences and vandalism.
- Screwless installation system. Unlocking is carried out with a special opening tool included with the product. With larger system set-ups, the front panel is secured with screws.
- Depth of flush-mounted box: 60 mm
- Flush-mounted box with wall anchors and openings for cable feed.
- Special design principle of the loudspeaker and microphone for avoidance of vandalism and moisture penetration. Due to the design used, it is not possible to puncture the loudspeaker or microphone with a sharp object.
- Hands-free feature (voice-controlled talk-back with echo and background noise suppression)
- Adjustable speech volume.
- Vandalism-protected stainless-steel call buttons. These are recessed flush in the front panel and have a precise switching behaviour when a call button is pressed.
- Acoustic acknowledgement signal when call button is pressed (can be deactivated if necessary).
- Night design of stainless-steel call buttons. Illumination with white LED illumination.
- The inscription area or the name plates are uniformly illuminated with maintenance-free, energy-saving white LEDs.
- The cover windows for the name plates are recessed flush in the front panel and consist of shatter-proof, scratch-resistant, 5 mm thick safety glass. They are therefore especially impervious to vandalism in the form of impacts, fire, scratching etc. In addition, they are easy to clean when soiled.
- The name plates can be removed from the front without dismantling the door station stainless steel. The unlocking device of the name plates is concealed.
- The name plates are protected against sprayed water.
- The door station stainless steel is supplied ready for connection including colour camera and built-in loudspeaker and, for larger buildings, including an expansion module. This eliminates time-consuming wiring of the call buttons. Only a Gira 2-wire bus is required for connection of the door station stainless steel.
- A catch strap and supporting surface in the flush-mounted box serve as mounting aids during installation.
- One-man commissioning through simple commissioning procedure.
- Circumferential sponge rubber seal for wall sealing on the underside of the front panel.
- Large coverage between flush-mounted box and masonry.
- Professional labelling with the Gira inscription service **www.marking.gira.com/en** or the Gira inscription software.

The colour camera offers the following properties:

- Automatic day/night switching: The camera switches from daytime operation (colour presentation) to night mode (black and white presentation) and back again at a defined ambient brightness. Due to the high degree of light sensitivity in night mode, good presentation results are achieved even with poor lighting conditions.
- LEDs ensure steady illumination of the field of view at close proximity in the night mode.
- Camera can be manually swivelled 20° horizontally and vertically. In conjunction with the wide-angle lens, a very wide field of view results.
- Automatic background lighting compensation.
- Automatic white balance.
- Automatic gain control (AGC).
- Integrated camera heating with temperature detection.
- Sprayed-water proof cover plate.
- Camera cover plate made of shock-resistant plastic. Easy to replace when damaged, e.g. through vandalism.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

	Order no.	Packing unit	PS

Power supply:	26 V DC ± 2 V (bus voltage) Two door stations with colour camera via system bus. From the 3rd door station with colour camera, via additional power supply **1296 00**.
Connections:	two screw terminals for 2-wire bus two screw terminals for additional supply 2 system bus connector strips 1 video connector strip
Dimensions:	
1-gang:	W x H 160 x 285 mm (front panel) W x H x D 140 x 265 x 60 mm (flush-mounted box)
2-gang:	W x H 160 x 285 mm (front panel) W x H x D 140 x 265 x 60 mm (flush-mounted box)
3-gang:	W x H 160 x 352 mm (front panel) W x H x D 140 x 332 x 60 mm (flush-mounted box)
4-gang:	W x H 160 x 352 mm (front panel) W x H x D 140 x 332 x 60 mm (flush-mounted box)
6-gang:	W x H 160 x 437 mm (front panel) W x H x D 140 x 417 x 60 mm (flush-mounted box)
8-gang:	W x H 160 x 437 mm (front panel) W x H x D 140 x 417 x 60 mm (flush-mounted box)
9-gang:	W x H 160 x 437 mm (front panel) W x H x D 140 x 417 x 60 mm (flush-mounted box)
10-gang:	W x H 270 x 285 mm (front panel) W x H x D 250 x 265 x 60 mm (flush-mounted box)
12-gang:	W x H 270 x 285 mm (front panel) W x H x D 250 x 265 x 60 mm (flush-mounted box)
Name plate dimensions:	W x H 62 x 18 mm
Temperature range:	-20 °C to +50 °C
Protection type:	IP 44
Image capture element:	CCD sensor 0,85 cm (1/3")
Wide-angle objective:	150° Aperture angle
Visible detection range:	Angle of detection of the camera 100°
Detectable area (with 20° swivelling):	140°
Colour system:	PAL
Pixels:	500 (H) x 582 (V)
Horizontal resolution:	380 TV lines
Switching threshold colour to B/W operation:	1 lux
Light sensitivity in B/W operation:	0.1 lux
Electronic shutter close time:	up to 1/100000 s
IR filter:	integrated
Recommended camera installation height:	1.50 m

Video control device 1288 00 → Page 374.
Additional power supply 1296 00 → Page 375.
Inscription sheets 1459 00 → Page 294.
Labelling software 1423 00 → Page 295.

	Order no.	Packing unit	PS

Surface-mounted door stations



Surface-mounted door station 1-gang

pure white	**1266 66**	1	18
anthracite	**1266 67**	1	18
colour aluminium	**1266 65**	1	18



Surface-mounted door station 3-gang

pure white	**1267 66**	1	18
anthracite	**1267 67**	1	18
colour aluminium	**1267 65**	1	18



Surface-mounted door station 6-gang

pure white	**1268 66**	1	18
anthracite	**1268 67**	1	18
colour aluminium	**1268 65**	1	18

Door station with door loudspeaker and call button as complete pre-installed unit for **vertical** surface mounting.
Call buttons not required can be covered with the call-button cover plate **1255 ...**
The surface-mounted door station has the following product features:

- Fully pre-assembled surface-mounted door station, allowing quick and clean installation.
- With the design of the Gira TX_44 switch range.
- Low height of just 19 mm.
- Torsionally rigid surface-mounted housing with use of aluminium profile.
- Cover frame made of shatter-proof thermoplastic with high resistance to ultraviolet light as well as a scratch-resistant care-free surface.
- Theft protection by means of Torx screws.
- Signal transfer and supply of the audio and video components via the reverse-polarity-protected and short-circuit-proof 2-wire bus.
- Can be used in door communication systems with up to 30 devices.
- One-man start-up with simple start-up procedure.
- Weather-resistant loudspeaker.
- High-quality electret microphone.
- Hands-free feature (voice-controlled talk-back with echo and background noise suppression).
- Audible acknowledgement signal when a call button is pressed.
- Adjustable speech volume.
- White call button illumination with LED technolgoy. Homogeneous, clearly visible call button illumination is achieved via maintenance-free, energy-saving LED technology.
- Sprayed-water proof call-button cover plate made of shock-resistant plastic.
- Name plate of the call button can be exchanged without tools and cover frame removal.
- Professional labelling via the Gira Inscription Service **www.marking.gira.com/en** or the Gira inscription software.

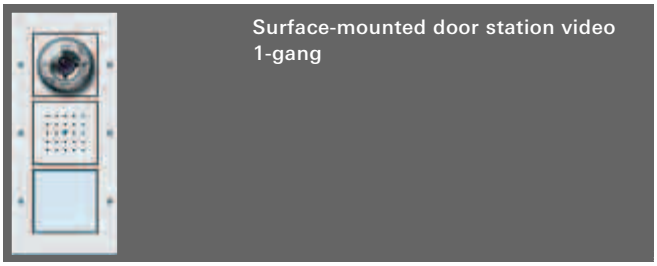
Power supply:	26 V DC ± 2 V (bus voltage)
Connections:	two screw terminals for 2-wire bus two screw terminals for additional supply
Dimensions:	
1-gang, 3-gang	W x H x D 110 x 181 x 19 mm
6-gang	W x H x D 110 x 253 x 19 mm
Name plate dimensions:	W x H 62 x 18 mm
Temperature range:	-25 °C to +70 °C
Protection type:	IP 44

Control device Audio 1287 00 → Page 374.
Call-button cover plate for call button, 3-gang 1255 .. → Page 379.
Tri-Wing screw set 1407 00 → Page 379.
Inscription sheets 1459 00 → Page 294.
Labelling software 1423 00 → Page 295.

i 26

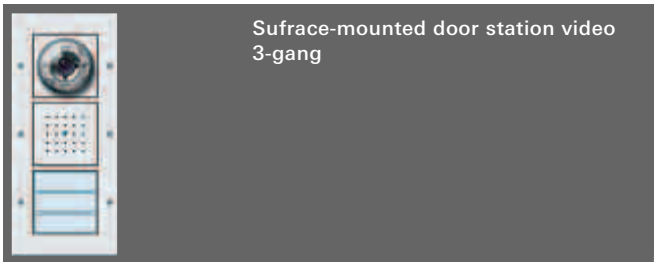
The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Surface-mounted door station video 1-gang

pure white	**1269 66**	1	10
anthracite	**1269 67**	1	10
colour aluminium	**1269 65**	1	10



Sufrace-mounted door station video 3-gang

pure white	**1270 66**	1	10
anthracite	**1270 67**	1	10
colour aluminium	**1270 65**	1	10

Door station with colour camera, door loudspeaker and call button as complete pre-installed unit for **vertical** surface mounting.
Call buttons not required can be covered with the call-button cover plate **1255 ...**
The door station surface-mounted video has the following product features:

- Fully pre-assembled surface-mounted door station with TX_44 design, allowing quick and clean installation.
- Signal transmission and power supply of devices via reverse-polarity-protected and short-circuit-proof 2-wire bus
- Torsionally rigid surface-mounted housing with use of aluminium profile.
- Cover frame made of shatter-proof thermoplastic with high resistance to ultraviolet light as well as a scratch-resistant care-free surface.
- Theft protection by means of Torx screws.
- One-man start-up with simple start-up procedure.
- Weather-resistant loudspeaker.
- High-quality electret microphone.
- Hands-free feature (voice-controlled talk-back with echo and background noise suppression).
- Audible acknowledgement signal when a call button is pressed.
- Adjustable speech volume.
- White call button illumination with LED technology.
- Sprayed-water proof call-button cover plate made of shock-resistant plastic.
- Name plate of the call button can be exchanged without tools and cover frame removal.
- Professional labelling via the Gira Inscription Service **www.marking.gira.com/en** or the Gira inscription software.

	Order no.	Packing unit	PS

The colour camera has the following properties:

- Automatic day/night switching: the camera switches from daytime operation (colour presentation) to night mode (black and white presentation) and back again at a defined ambient brightness. Due to the high degree of light sensitivity in night mode, good presentation results are achieved even with poor lighting conditions.
- LEDs ensure homogeneous illumination of the field of view at close proximity in the night mode.
- Camera can be manually swivelled 20° horizontally and vertically. In conjunction with the wide-angle lens, a very wide field of view results.
- Automatic background lighting compensation.
- Automatic white balance.
- Automatic gain control (AGC).
- Integrated camera heating with temperature detection.
- Sprayed-water proof cover plate.
- Camera cover plate made of shock-resistant plastic. Easy to replace when damaged, e.g. through vandalism.

Power supply:	26 V DC ± 2 V (bus voltage)
Connections:	two screw terminals for 2-wire bus two screw terminals for additional supply
Dimensions:	W x H x D 110 x 253 x 19 mm (without camera) W x H x D 110 x 253 x 40 mm (with camera)
Name plate dimensions:	W x H 62 x 18 mm
Image capture element:	CCD sensor 0,85 cm (1/3")
Wide-angle objective:	150° Aperture angle
Visible detection range:	Angle of detection of the camera 100°
Detectable area (with 20° swivelling):	140°
Colour system:	PAL
Pixels:	500 (H) x 582 (V)
Horizontal resolution:	380 TV lines
Switching threshold colour to B/W operation:	1 lux
Light sensitivity in B/W operation:	0.1 lux
Electronic shutter close time:	up to 1/100000 s
IR filter:	integrated
Recommended camera installation height:	1.50 m
Temperature range:	-20 °C to +50 °C
Protection type:	IP 44

Video control device 1288 00 → Page 374.
Call-button cover plate for call button, 3-gang 1255 .. → Page 379.
Tri-Wing screw set 1407 00 → Page 379.
Inscription sheets 1459 00 → Page 294.
Labelling software 1423 00 → Page 295.

i 26

	Order no.	Packing unit	PS

Built-in loudspeaker



Built-in loudspeaker

	1258 00	1	18

Built-in loudspeaker for installation in letterbox systems, speech compartments, door side installations or front panels. Up to 8 mechanical bell buttons can be connected to the screw terminals provided.
The built-in loudspeaker has the following product features:
- Signal transmission and power supply of loudspeaker via reverse-polarity-protected and short-circuit-proof 2-wire bus.
- Small in size.
- Weather-resistant loudspeaker.
- High-quality electret microphone.
- Alternating current polling of the bell button connections for prevention of oxidation on the button contacts.
- Securing of connection terminals against incorrect connection.
- Up to 8 mechanical bell buttons can be connected.
- Colour camera can be connected for door station.
- Hands-free feature (voice-controlled talk-back with echo and background noise suppression).
- Adjustable speech volume.
- One-man start-up with simple start-up procedure.
- Audible acknowledgement signal when a call button is pressed.
- This component enables door communication systems with more than 70 devices to be set up
  (e.g. 1 built-in loudspeaker, 5 add-on modules for built-in loudspeakers, 68 surface-mounted home stations).

Power supply:	26 V DC ± 2 V (bus voltage)
Connections:	two screw terminals for 2-wire bus two screw terminals for additional supply 8 screw terminals for mechanical Bell buttons 1 screw terminal with same ground as bell buttons 2 system bus connector strips 1 video connector strip
Dimensions:	W x H x D 101 x 67 x 27 mm
Temperature range:	-25 °C to +70 °C
Protection type:	IP 44

Expansion module for built-in loudspeaker 1259 00 → Page 360.
Control device
Audio 1287 00 → Page 374.
Video (for expansion by colour camera) 1288 00 → Page 374.
Colour camera for flush-mounted door station 1265 .. → Page 354.
Keyless In keypad 2605 .., Transponder reader 2606 .., Fingerprint reader 2607 .. → Page 382.

i 29



Add-on module for built-in loudspeaker

	1259 00	1	18

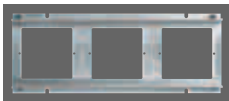
Module for expansion of the built-in loudspeaker when more than 8 mechanical bell buttons are to be connected.
The add-on module has the following product features:
- Up to 12 mechanical bell buttons can be connected. Additional bell buttons can be connected via additional add-on modules. Up to 5 add-on modules can be connected to one built-in loudspeaker.
- Alternating current polling of the bell button connections for prevention of oxidation on the button contacts.
- Small in size.
- Securing of connection terminals against incorrect connection.
- Attachment of the add-on module with screws or gluing (attachment materials included in the scope of supply).
- This component enables door communication systems with more than 70 devices to be set up
  (e.g. 1 built-in loudspeaker, 5 add-on modules for built-in loudspeakers, 68 surface-mounted home stations).

Connections:	12 screw terminals for mechanical Bell buttons 1 screw terminal with same ground as bell buttons 2 system bus connector strips
Dimensions:	W x H x D 67 x 66.4 x 27 mm (including attachment tab) W x H x D 67 x 56 x 27 mm (without attachment tab)
Temperature range:	-25 °C to +70 °C
Protection type:	IP 44

Built-in loudspeaker 1258 00 → Page 360.

The delivery results subject to countries specific assortments.

Installation profile



Door communication system installation profile

	Order no.	Packing unit	PS
1-gang	**1274 00**	1	18
2-gang	**1275 00**	1	18
3-gang	**1276 00**	1	18
4-gang	**1277 00**	1	18

Aluminium attachment profile for customer-specific integration of flush-mounted components of the Gira door communication system in letterbox systems, front panels or door side installations, e.g. from the manufacturers JU-Metallwaren, Normbau.
Using this profile, door stations, call buttons, info modules and colour cameras can be integrated flush without cover frames. The height compensation ensures that the components can also be flush installed even if the material thicknesses are different.
The installation profile is attached by
- screwing through the front panel
- screwing onto attachment pins
- Attachment set for installation profile **1257 00**

Wall thickness of front panel: 1.25 to 4 mm

Attachment set for installation profile 1257 00 → Page 361.
Flush-mounted door station 1260 .., 1261 .. → Page 352.
Call button 1262 .., 1263 .. → Page 353.
Info module 1264 00 → Page 353.
Colour camera for flush-mounted door station 1265 .. → Page 354.
Keyless In keypad 2605 .., Transponder reader 2606 .., Fingerprint reader 2607 .. → Page 382.

i 29

Attachment set for installation profile

	Order no.	Packing unit	PS
	1257 00	1/5	18

Attachment set for glued attachment of the installation profile in front panels, letter boxes and door side installations when pins cannot be set due to the material thickness or visible screws on the front are not desired.
The attachment set consists of:
- 4 attachment rails (aluminium)
- 4 adhesive strips
- 4 screws

Installation profile 1274 00, 1275 00, 1276 00, 1277 00 → Page 361.

Energy profiles

Energy profile

	Order no.	Packing unit	PS
Height 1400 mm, 4 empty units			
anthracite	**1354 28**	1	17
colour aluminium	**1354 26**	1	17
Height 1600 mm, 4 empty units			
anthracite	**1356 28**	1	17
colour aluminium	**1356 26**	1	17
Height 1600 mm, 6 empty units			
anthracite	**1355 28**	1	17
colour aluminium	**1355 26**	1	17
Height 1600 mm, light element, 3 empty units			
anthracite	**1353 28**	1	17
colour aluminium	**1353 26**	1	17



Functional description → Page 265.

	Order no.	Packing unit	PS

Gira door communication system in RENZ letterbox systems

Solution in cooperation with the manufacturer RENZ

The manufacturer RENZ offers RENZ letterbox systems and voice compartments, door side installations and front panels that can be integrated into the Gira door communication system.
For the integration of the flush-mounted components, the RENZ housings are provided with cut-outs on order in which the Gira functions can be inserted on special carrier frames. No screws are visible at the front due to bonding of the frame. Due to the use of different materials and manufacturing processes, colour differences between the door station inserts and the front panel can result. For this reason, it may be practical from case to case to select contrary colour combinations (e.g. front panel in aluminium, inserts in anthracite).
Further information regarding planning and ordering property door stations and letterbox systems can be found in the planning folder which is available in the download area at **www.download.gira.de**.
In case of queries on the mechanical installation of the Gira door communication components in RENZ letterbox systems, please contact RENZ

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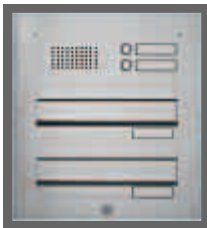
www.renz-briefkasten.de

	Order no.	Packing unit	PS



Gira 3-gang door station with colour camera integrated in a RENZ letterbox, anodised aluminium, EV1

Flush-mounted door station 1260 .., 1261 .. → Page 352.
Call button 1262 .., 1263 .. → Page 353.
Info module 1264 00 → Page 353.
Colour camera for flush-mounted door station 1265 .. → Page 354.
Keyless In keypad 2605 .., Transponder reader 2606 .., Fingerprint reader 2607 .. → Page 382.



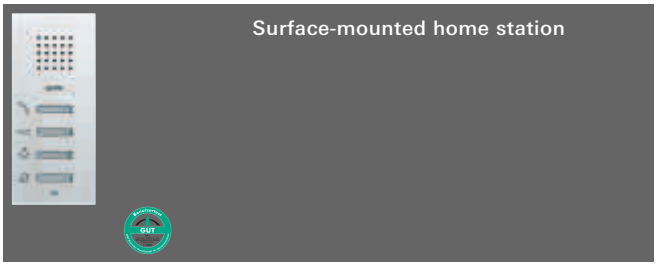
Gira built-in loudspeaker integrated in a RENZ letterbox, stainless steel

Built-in loudspeaker 1258 00 → Page 360.
Expansion module for built-in loudspeaker 1259 00 → Page 360.
Colour camera for flush-mounted door station 1265 .. → Page 354.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Surface-mounted home stations



System 55			
cream white glossy	**1250 01**	1	18
pure white glossy	**1250 03**	1	18
pure white matt	**1250 27**	1	18
anthracite	**1250 28**	1	18
colour aluminium	**1250 26**	1	18
Bronze	**1250 603**	1	18
Brass	**1250 604**	1	18
E22			
Stainless Steel	**1250 20**	1	18
Aluminium	**1250 203**	1	18
pure white glossy	**1250 03**	1	18
Gira F100			
cream white glossy	**1250 111**	1	18
pure white glossy	**1250 112**	1	18

Surface-mounted home station as a pre-assembled unit for surface mounting.
The surface-mounted home station has the following product features:
- Fully pre-assembled surface-mounted home station, allowing quick and clean installation.
- Design variety via integration into the switch range, allowing uniform appearance of door communication and electrical installation.
- Installation possible with or without cover frame. For installation with cover frame, a 2-gang cover frame without crossbar is required. Note: A cover frame is required when installing in a 58 mm flush-mounted box.
- Simple installation via pull-off screw terminals.
- Simple removal of home station during renovation work.
- Mounting holes for wall and box installation.
- Signal transmission and power supply of home station via reverse-polarity-protected and short-circuit-proof 2-wire bus.
- Parallel connection of up to 3 home stations possible.
- One-man start-up with simple start-up procedure.
- Ringing tone differentiation for door call, internal call and floor call.
- Selection of 5 different ringing tone melodies which can be individually assigned to specific call buttons.
- Operating buttons with integrated LEDs for status display.
- Hands-free feature (voice-controlled talk-back with echo and background noise suppression).
- Enforcement function for loud background noise during the voice connection.
- Eavesdropping prevention.
- This component enables door communication systems with more than 70 devices to be set up (e.g. 1 built-in loudspeaker, 5 add-on modules for built-in loudspeakers, 68 surface-mounted home stations).

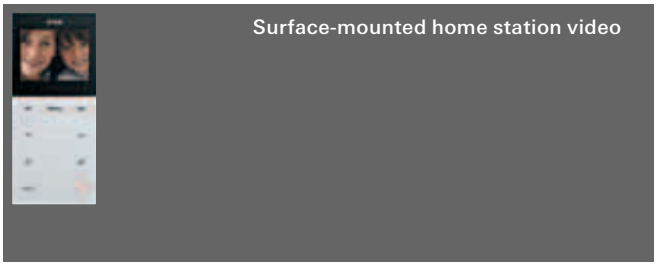
The operating button of the surface-mounted hands-free feature home station controls the following functions:
- Switching light and other functions in conjunction with the switching actuator **1289 00** or the flush-mounted switching actuator **1211 00**.
- Operation of the door opener.
- Setting the ringing tone melody.
- Switching the ringing tone on and off.
- Call acceptance.
- Activation of the enforcement function.
- Volume control of ringing tone and speech volume.

	Order no.	Packing unit	PS

Power supply: 26 V DC ± 2 V (bus voltage)
Connections: two screw terminals for 2-wire bus
two screw terminals for floor-call button
Dimensions: System 55, E22:
W x H x D 55 x 127 x 20 mm
Gira F100:
W x H x D 70 x 142 x 20 mm
Temperature range: -5 °C to +50 °C

Installation possible without cover frame or with System 55, Gira F100 or E22 cover frame, 2-gang without crossbar 1002 ...
Control device Audio 1287 00 → Page 374.
Door communication push button interface, 2-gang, 1210 00 → Page 379.
Mounting plate 1256 00 → Page 379.

i 21



Surface-mounted home station video

	Order no.	Packing unit	PS
System 55			
cream white glossy	**1279 01**	1	10
pure white glossy	**1279 03**	1	10
pure white matt	**1279 27**	1	10
anthracite	**1279 28**	1	10
colour aluminium	**1279 26**	1	10
E22			
Stainless Steel (lacquered)	**1279 20**	1	10
Aluminium (lacquered)	**1279 203**	1	10
pure white glossy	**1279 03**	1	10
Gira F100			
cream white glossy	**1279 111**	1	10
pure white glossy	**1279 112**	1	10

Home station video with 5,08 cm TFT colour display (2" and capacitive operating buttons as a pre-assembled unit for surface mounting. The surface-mounted home station video has the following product features:

- Fully pre-assembled surface-mounted home station, allowing quick and clean installation.
- Design variety via integration into the switch range, allowing uniform appearance of door communication and electrical installation.
- Installation possible with or without cover frame (2-gang without crossbar). Note: A cover frame is required when installing in a 58 mm flush-mounted box.
- Easy installation with screw terminals on the mounting plate. Contact to the home station is via attachment of the home station to the mounting plate.
- Easy removal of home station during renovation work.
- Mounting holes for wall and box installation.
- Signal transmission and power supply of home station via reverse-polarity-protected and short-circuit-proof 2-wire bus.
- Parallel connection of up to 3 home stations possible (with power supply via the 2-wire bus).
- When using an additional power supply **1296 00** for each, up to 28 surface-mounted home stations video can be used in parallel.
- The surface-mounted home station video automatically recognises whether an additional power supply is connected. A jumper between the additional power supply and BUS is not required.
- One-man start-up with simple start-up procedure.
- Ringing tone differentiation for door call, internal call and floor call.
- Selection of 5 different ringing tone melodies which can be individually assigned to specific call buttons.
- Colour display with LED backlighting.
- OSD function, i.e. text presentation in display for status indication and menu guidance.
- Capacitive operating buttons with integrated LEDs for status display: the buttons are operated via a light touching.
- Hands-free feature (voice-controlled talk-back with echo and background noise suppression).
- Enforcement function for loud background noise during the voice connection.
- Automatic door opener can be connected: With the function activated, the door opener is automatically operated after pressing the door-station call button.
- Automatic call acceptance: direct speaking or listening into a room following an internal call.
- Eavesdropping prevention.
- Free intercom communication with up to 10 other home stations.

The operating buttons of the surface-mounted home station video control the following functions:

- Manual switching on/off of TFT colour display.
- Camera switchover – specific selection of connected colour cameras. Test in the display indicates which camera is currently being controlled.
- Switching light and other functions in combination with the switching actuator **1289 00** or the flush-mounted switching actuator **1211 00**.
- Operation of the door opener.
- Switching the ringing tone on and off.
- Call acceptance.
- Activation of the enforcement function.
- Volume control of calling tone and speech volume.
- Functions in the end customer menu: internal call, switching action, ringing tone melody, brightness, colour intensity, contrast, switch-on time of the display, language (21 languages can be selected), button tones, automatic door opener (after enabling by installer), automatic call acceptance (after enabling by installer).
- Additional functions in the installer menu: selection of main/secondary display, frequency setting, termination of the cable, display of version, factory setting, switching display on/off, switching LED illumination on/off, call button assignment, internal call assignment, enabling of automatic door opener and automatic call acceptance.

Power supply:	26 V DC ± 2 V (bus voltage)
Connections:	two screw terminals for 2-wire bus two screw terminals for floor-call button two screw terminals for additional supply
Dimensions:	W x H x D 55 x 127 x 21 mm
Temperature range:	0 °C to +50 °C

Installation possible without cover frame or with System 55, Gira F100 or E22 cover frame, 2-gang without crossbar 1002 ...
Video control device 1288 00 → Page 374.
Additional power supply 1296 00 → Page 375.
Door communication push button interface, 2-gang, 1210 00 → Page 379.
Mounting plate 1256 00 → Page 379.

i 22

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Gira VideoTerminal



Gira VideoTerminal

Glass mint	**2600 18**	1	10
Glass white	**2600 12**	1	10
Glass black	**2600 05**	1	10
Additional power supply			
DRA	**2570 00**	1	18

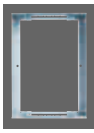
The VideoTerminal is a fully pre-assembled home station with 14.48 cm active TFT colour display (5.7") and hands-free function for the Gira door communication system. The VideoTerminal offers the following product features:

- Large 14.48 cm active TFT colour display (5.7") with a resolution of 640x480 pixels.
- Text display (OSD function) in the TFT colour display for display of the respective activated camera and for menu guidance for both the final customer and the installer.
- Installation as a flush-mounted or surface-mounted separate device (mounting frame **1252 04** or **1251 04**), or in a device combination in conjunction with the modular function profile **1371 00**, **1372 00**, **1373 00**.
- Backlit operating knob for turning and pressing, for call acceptance and menu guidance.
- Optical feedback on the operating knob with green or red LED indicator depending on the system status.
- Four function buttons with permanent assignment for
  1. Calling up of the menu level and camera switch-on and switchover,
  2. Switching light on,
  3. Activating or deactivating the ringing tone,
  4. Opening the door.
- Camera switchover - targeted selection of up to three colour cameras. Test in the display indicates which camera is currently being controlled.
- Operating knob for menu control
  As end customer: brightness, colour intensity, contrast, switch-on time of the display
  As installer: selection of the language (German/English), frequency setting, termination of the cable, display of version, factory setting, switching display on/off, switching LED illumination on/off, brightness, colour intensity, contrast and switch-on time of the display.
- High-quality picture, even when viewed at an angle.
- Backlighting via long-life CCFL tubes
- Hands-free feature - voice-controlled talk-back with echo and background noise suppression.
- Enforcement function for loud background noises during the voice connection.
- Signal transmission of audio and video data via reverse-polarity-protected and short-circuit-proof Gira 2-wire bus.
- Parallel connection of up to 3 VideoTerminals possible.
- One-man start-up with simple start-up procedure.
- Ringing tone differentiation for door call, floor call and internal call.
- Selection of 5 different ringing tone melodies which can be individually assigned to specific call buttons.
- Adjustable 5-level calling tone and voice volume.
- Ringing tone deactivation - with ringing tone switched off, a door call is indicated optically.
- Automatic door opener which can be connected: when this function is activated, the door opener is automatically operated after pressing the door-station call button.
- Free intercom communication within the house with up to 10 other home stations.
- Automatic switch-on of the TFT display with an incoming door call.
- Integrated listening and viewing block.
- **Two additional leads are required for supplying the VideoTerminal with 24 VDC ± 10% power. The power supply comes from the door communication power supply Art. No. 2570 00.**

Power supply:	24 V DC ± 10%
Connections:	two screw terminals for 2-wire bus 2 screw terminals for power supply 24 V DC ± 10% two screw terminals for floor-call button 2 system bus connector strips
Dimensions:	W x H x D 182 x 240 x 52 mm
Recommended installation height:	1.60 m
Temperature range:	-5 °C to +40 °C
Colour system:	PAL
Wire length for power supply - VideoTerminal:	max. 80 m with 0.8 mm cable ∅ max. 50 m with 0,6 mm cable ∅

Video control device 1288 00 → Page 374.
Additional power supply 2570 00 → Page 375.
Door communication push button interface, 2-gang, 1210 00 → Page 379.

Mounting:
Mounting frames, surface-mounted 1251 04, flush-mounted 1252 04 → Page 365.
Modular function profile, installation profile 1371 00, 1372 00, 1373 00 → Page 245.



Surface-mounted mounting frame

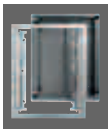
	1251 04	1	02

Mounting frames made of shatter-proof thermoplastic for surface-mounted installation of individual modules from the modular function profile system. Using the mounting frames, the modules can be installed individually on the wall. It is also possible to combine several mounting frames with one another.

Dimensions:

Without module:	W x H x D 176 x 246 x 52 mm
With module:	W x H x D 182 x 246 x 52 mm

VideoTerminal 2600 .. → Page 365.



Flush-mounted mounting frame with device box

	1252 04	1	02

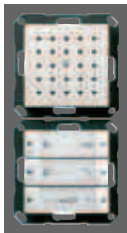
Mounting frames made of diecast zinc with a device box of shatter-proof thermoplastic for flush-mounted installation of individual modules from modular function profile system. Using the flush-mounted mounting frames, the modules can be installed individually both in hollow walls and in masonry. It is also possible to combine several mounting frames horizontally or vertically with one another.

Installation dimensions: W x H x D 194 x 252 x 64 mm

VideoTerminal 2600 .. → Page 365.

	Order no.	Packing unit	PS

Home stations



Home station

System 55 transparent white			
cream white glossy	**1280 101**	1	18
pure white glossy	**1280 103**	1	18
pure white matt	**1280 127**	1	18
anthracite	**1280 128**	1	18
colour aluminium	**1280 126**	1	18
E22			
Stainless Steel	**1280 20**	1	18
Aluminium	**1280 203**	1	18
pure white glossy	**1280 103**	1	18
Gira F100			
cream white glossy	**1280 111**	1	18
pure white glossy	**1280 112**	1	18

The home station has the following product features:
- Uniform installation of door communication and electrical installation in the 58 mm flush-mounted box.
- Design variety via integration into the switch range, allowing uniform appearance of door communication and electrical installation.
- Signal transfer and supply of the audio and video components via reverse-polarity-protected and short-circuit-proof 2-wire bus.
- Modular structure, therefore simple installation and expandability with further components such as call button for home stations, TFT colour display etc.
- Parallel connection of up to 3 home stations possible.
- One-man start-up with simple start-up procedure.
- Ringing tone differentiation for door call, floor call and internal call.
- Operating buttons with integrated LEDs for status display.
- Hands-free feature (voice-controlled talk-back with echo and background noise suppression).
- Enforcement function for loud background noise during the voice connection.
- Free intercom communication within the house in combination with the call button for home stations.
- Eavesdropping prevention.
- Selection of 5 different ringing tone melodies which can be individually assigned to specific call buttons.
- Automatic door opener can be connected: With the function activated, the door opener is automatically operated after pressing the door-station call button.
- This component enables door communication systems with more than 30 devices to be set up.

The operating button of the home station controls the following functions:
- Switching light and other functions in conjunction with the switching actuator **1289 00** or the flush-mounted switching actuator **1211 00**.
- Operation of the door opener.
- Switching the ringing tone on and off.
- Call acceptance.
- Activation of the enforcement function.
- Volume control of ringing tone and speech volume.

	Order no.	Packing unit	PS

Power supply: 26 V DC ± 2 V (bus voltage)
Bus coupler connections: two screw terminals for 2-wire bus
two screw terminals for floor-call button
2 system bus connector strips
1 video connector strip
Speech insert connections: 2 system bus connector strips
Temperature range: -5 °C to +50 °C

Control device
Audio 1287 00 → Page 374.
Video (with expansion via TFT display) 1288 00 → Page 374.
Call button for home station 1283 .., 1285 .. → Page 367.
TFT colour display 1286 .. → Page 368.
Door communication push button interface, 2-gang, 1210 00 → Page 379.

Integration in a modular function profile → Page 245.
Integration in Profile 55 → Page 240.
For integration in Stainless Steel Series 20, Series 21: Intermediate plate 55 x 55 mm 0289 20 → Page 168.

i 21

The delivery results subject to countries specific assortments.



Home station receiver

	Order no.	Packing unit	PS
System 55			
cream white glossy	**1281 01**	1	18
pure white glossy	**1281 03**	1	18
pure white matt	**1281 27**	1	18
anthracite	**1281 28**	1	18
colour aluminium	**1281 26**	1	18
Bronze	**1281 603**	1	18
Brass	**1281 604**	1	18
E22			
Stainless Steel	**1281 20**	1	18
Aluminium	**1281 203**	1	18
pure white glossy	**1281 03**	1	18

The home station with receiver has the following product features:
- Uniform installation of door communication and electrical installation in the 58 mm flush-mounted box.
- Design variety via integration into the switch range, allowing uniform appearance of door communication and electrical installation.
- Signal transfer and supply of the audio and video components via reverse-polarity-protected and short-circuit-proof 2-wire bus.
- Modular structure, therefore simple installation and expandability with further components such as call button for home stations, TFT colour display etc.
- Parallel connection of up to 3 home stations possible.
- One-man start-up with simple start-up procedure.
- Ringing tone differentiation for door call, floor call and internal call.
- Free intercom communication within the house in combination with the call button for home stations.
- Eavesdropping prevention
- Call acceptance by picking up receiver.
- Magnetic receiver hook with integrated cradle.
- Insertable receiver cable for greater ease of installation.
- This component enables door communication systems with more than 30 devices to be set up.

The operating button of the home station with receiver controls the following functions:
- Switching light and other functions in conjunction with the switching actuator **1289 00** or the flush-mounted switching actuator **1211 00**.
- Operation of the door opener.
- Volume control of the ringing tone.

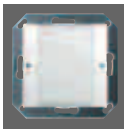
Power supply:	26 V DC ± 2 V (bus voltage)
Bus coupler connections:	two screw terminals for 2-wire bus two screw terminals for floor-call button 2 system bus connector strips 1 video connector strip
Receiver insert connections:	1 system bus connector strip 1 receiver connection
Temperature range:	-5 °C to +50 °C

Control device
Audio 1287 00 → Page 374.
Video (with expansion via TFT display) 1288 00 → Page 374.
Call button for home station 1283 .., 1285 .. → Page 367.
TFT colour display 1286 .. → Page 368.
Door communication push button interface, 2-gang, 1210 00 → Page 379.

Integration in a modular function profile → Page 245.
Integration in Profile 55 → Page 240.
For integration in Stainless Steel Series 20, Series 21: Intermediate plate 55 x 55 mm 0289 20 → Page 168.

i 21

Add-on modules for home stations



Call button, 1-gang for home station

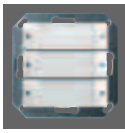
	Order no.	Packing unit	PS
System 55			
transparent white	**1283 100**	1	18
E22			
Stainless Steel (lacquered)	**1283 20**	1	18
Aluminium (lacquered)	**1283 203**	1	18
transparent white	**1283 100**	1	18
Gira F100			
cream white glossy	**1283 111**	1	18
pure white glossy	**1283 112**	1	18

The 1-gang call button has the following product features:
- Expansion of the home station with an additional call button for implementation of the free in-house intercom communication between two home stations or for switching in conjunction with switching actuator **1289 00** or the flush-mounted switching actuator **1211 00**.
- Installation in the 58 mm flush-mounted box.
- Design variety via integration into the switch range, allowing uniform appearance of door communication and electrical installation.
- Signal transfer and supply of the audio and video components via reverse-polarity-protected and short-circuit-proof 2-wire bus.
- Modular design, allowing simple installation and expandability.
- Inscription label can be replaced without tools and frame removal.
- Professional labelling via the Gira Inscription Service **www.marking.gira.com/en** or the Gira inscription software.

Power supply:	via system bus
Connections:	2 system bus connector strips
Name plate dimensions:	W x H 38 x 55 mm
Temperature range:	-5 °C to +50 °C

Home station 1280 .. → Page 366.
Home station receiver 1281 .. → Page 367.
Inscription sheets System 55, E22 1090 00 → Page 295.
Inscription sheets Gira F100 2871 .. → Page 295.
Labelling software 1423 00 → Page 295.

Integration in a modular function profile → Page 246.
Integration in Profile 55 → Page 373.
For integration in Stainless Steel Series 20, Series 21: Intermediate plate 55 x 55 mm 0289 20 → Page 168.



Call button, 3-gang for home station

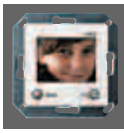
	Order no.	Packing unit	PS
System 55			
transparent white	**1285 100**	1	18
E22			
Stainless Steel (lacquered)	**1285 20**	1	18
Aluminium (lacquered)	**1285 203**	1	18
transparent white	**1285 100**	1	18
Gira F100			
cream white glossy	**1285 111**	1	18
pure white glossy	**1285 112**	1	18

The 3-gang call button has the following product features:
- Expansion of the home station with an additional call button for implementation of the free in-house intercom communication between two home stations or for switching in conjunction with switching actuator **1289 00** or the flush-mounted switching actuator **1211 00**.
- Installation in the 58 mm flush-mounted box.
- Design variety via integration into the switch range, allowing uniform appearance of door communication and electrical installation.
- Signal transfer and supply of the audio and video components via reverse-polarity-protected and short-circuit-proof 2-wire bus.
- Modular design, allowing simple installation and expandability.
- Inscription label can be replaced without tools and frame removal.
- Professional labelling via the Gira Inscription Service **www.marking.gira.com/en** or the Gira inscription software.

Power supply:	via system bus
Connections:	2 system bus connector strips
Name plate dimensions:	W x H 38 x 55 mm
Temperature range:	-5 °C to +50 °C

Home station 1280 .. → Page 366.
Home station receiver 1281 .. → Page 367.
Inscription sheets System 55, E22 1090 00 → Page 295.
Inscription sheets Gira F100 2873 .. → Page 295.
Labelling software 1423 00 → Page 295.

Integration in a modular function profile → Page 246.
Integration in Profile 55 → Page 373.
For integration in Stainless Steel Series 20, Series 21: Intermediate plate 55 x 55 mm 0289 20 → Page 168.



TFT colour display

	Order no.	Packing unit	PS
System 55			
cream white glossy	**1286 01**	1	10
pure white glossy	**1286 03**	1	10
pure white matt	**1286 27**	1	10
anthracite	**1286 28**	1	10
colour aluminium	**1286 26**	1	10
E22			
Stainless Steel	**1286 20**	1	10
Aluminium	**1286 203**	1	10
pure white glossy	**1286 03**	1	10
Gira F100			
cream white glossy	**1286 111**	1	10
pure white glossy	**1286 112**	1	10

High-resolution, active TFT colour display for expansion of the home stations.
The TFT colour display has the following product features:
- Uniform installation of door communication and electrical installation in the 58 mm flush-mounted box.
- Design variety via integration into the switch range, allowing uniform appearance of door communication and electrical installation.
- Signal transfer and supply of the audio and video components via reverse-polarity-protected and short-circuit-proof 2-wire bus.
- Because of modularity, simple expansion of the home stations with the TFT colour display.
  Note: cannot be used in combination with the surface-mounted home station.
- Colour display with LED backlighting
- OSD function, i.e. text presentation in display for status indication and menu guidance.

On/Off switch with the following functions:
- Manual switching on/off of TFT colour display.
- Camera switching – targeted selection of up to 15 camera sources. Test in the display indicates which camera is currently being controlled.

Cursor buttons with 5-way navigation for parameter setting:
- As final customer – brightness, colour intensity, contrast and switch-on time of the display.
- As installer – selection of the language (German/English), frequency setting, termination of the cable, display of version, factory setting, switching display on/off, switching LED illumination on/off, brightness, colour intensity, contrast and switch-on time of the display.

Power supply:	via system bus
Display insert connections:	2 system bus connector strips 1 video connector strip
Colour system:	PAL
Display size:	4,57 cm (1.8 inch) (System 55) 6,35 cm (2.5 inch) (Gira F100)
Number of pixels:	557 x 234 (System 55) 960 x 240 (Gira F100)
Temperature range:	-5 °C to +50 °C

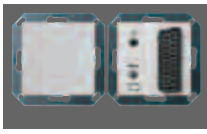
Home station 1280 .. → Page 366.
Home station receiver 1281 .. → Page 367.
Video control device 1288 00 → Page 374.

Integration in a modular function profile → Page 246.
Integration in Profile 55 → Page 373.
For integration in Stainless Steel Series 20, Series 21: Intermediate plate 55 x 55 mm 0289 20 → Page 168.

i 22

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



DCS-TV gateway

System 55			
cream white glossy	**2610 01**	1	10
pure white glossy	**2610 03**	1	10
pure white matt	**2610 27**	1	10
anthracite	**2610 28**	1	10
colour aluminium	**2610 26**	1	10

The DCS-TV-gateway transmits the video picture of the Gira door communication system via the Scart connection or, with an additional AV modulator, via the antenna input of a television.
The acceptance of a call, the opening of the door and switching functions are carried out using the telephone keypad in conjunction with the DCS-TC-gateway or via a home station. When the call is ended, the picture of the door station camera is also switched off in the television set.
The DCS-TV-gateway offers the following product features:

- Installation in two common 58 mm flush-mounted device boxes.
- Output of the video picture of the Gira door communication system for feeding the signal
  1. to the Scart connection of a television set,
  2. into an antenna system using an additional AV modulator or
  3. for further processing of the signal, e.g. for the HomeServer in conjunction with a common video server.
- FBAS signal 1 Vss in PAL standard
- Scart connection for connecting the DCS-TV-gateway to the television set. The Scart connection of the DCS-TV-gateway is equipped with a 12 V switching output to support the picture-in-picture function (if this function is supported by the television set) or the automatic switchover to the AV channel.
- When the video picture is fed into an antenna system, a specified channel is occupied. If a door call is received, this channel must be switched over to manually on the television set to see the camera picture. To feed the signal into the antenna system, the FBAS signal must be converted to a UHF or VHF signal with common modulators.
- Switch-on button: for switching the DCS-TV-gateway on and off manually
- Cursor button for parameter setting:
  as a final customer - switch-on time
  as an installer - priority, frequency, resistance, illumination, display, language, learning in, factory setting, version, switch-on time
- Switching output - this is connected when the DCS-TV-gateway is active and outputs a picture, e.g. after the assigned call button of the door station has been pressed. The switching output can be evaluated by KNX components if necessary and, for example, be made available to the HomeServer.
- The video picture can also be displayed on the HomeServer in conjunction with common video servers. Display on a PC or PDA is also possible as well as on a HomeServer. A picture memory can also be realised in conjunction with the HomeServer.
- Input for the specific switch-on of the DCS-TV-gateway without the door-station call button being pressed beforehand. This enables the camera pictures to be displayed on the television set at any time. The colour camera switches off again automatically after 2 min.
- The connected cameras can be controlled directly in conjunction with the call button expansion unit **1259 00**.
- Display of text on the television set indicating which colour camera is currently switched on.

Unsuitable uses
Not suitable for operation in countries in which the PAL standard does not apply.
Not suitable for television sets that can only process the NTSC and SECAM standard.
Important: When feeding the signal into the antenna system of a multi-family house, the video picture is displayed on all television sets when a door call is received.

	Order no.	Packing unit	PS

Power supply:	via system bus
Connections:	two screw terminals for 2-wire bus two screw terminals for additional supply 2 system bus connector strips 1 video connector strip 2 screw terminals for switching input **only SELV level** (ET terminal) 2 screw terminals for switching output **only SELV level** Scart jack
Temperature range:	-5 °C to +50 °C

Home station 1280 .. → Page 366.
Home station receiver 1281 .. → Page 367.
DCS-Door communications system gateway 1290 00 → Page 372.
Video control device 1288 00 → Page 374.



Gira Control 19 Client

	2088 00	1	05

Can be used with DCS-IP-gateway as home station.
Functional description → Page 469.
DCS-IP-gateway 2620 97, 2620 98, 2620 99 → Page 371.



Gira Control 9 KNX

	2079 00	1	06

New. Available starting April 2013.
Can be used with DCS-IP-gateway as home station.
Functional description → Page 458.
DCS-IP-gateway 2620 97, 2620 98, 2620 99 → Page 371.
Desk housing 2083 00 → Page 370.

	Order no.	Packing unit	PS



Gira Control 9 Client

	2078 00	1	05

The Gira Control 9 Client is a display and operating unit for connection to the Gira HomeServer or Gira FacilityServer. The Gira Control 9 Client can also be used as a home station for door communication via the Gira DCS-IP-gateway. The energy-saving device is PC-based and has a TFT touch screen with LED backlighting and 22.86 cm (9") screen diagonal.

Functions:

- Visualisation and operation of building system technology functions in conjunction with the Gira Home Server and/or Facility Server
- Display of e-mails
- Playback of acoustic signals
- Suitable for door communication systems as a home station (via DCS-IP-gateway).

Device properties:

- PC with touch screen
- Integrated power supply
- Integrated colour camera
- Integrated loudspeaker
- Integrated microphone
- LED backlighting for touch screen

Operating system: Windows® embedded.

Installation note:

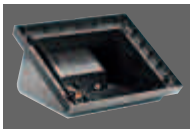
For installation in flush-mounted box **2082 00**. **Note:** The adapter frame **2081 00** enables installation in existing InfoTerminal Touch flush-mounted boxes.

Not suitable for outdoor use.

Power supply:	Integrated long range power supply unit, 110 to 230 V~
Power consumption:	max. 20 W max. 8 W (display off) max. 1 W (Standby)
System Information:	INTEL Atom processor 1.1 GHz 2 GB SSD, internal memory 1 GB RAM 512 kB, L2 cache
Connections:	2 x USB 2.0 type A (rear), 1 x USB 2.0 type A (front), 1 x USB type Mini AB (front) 1 x SD card slot SDHC, to 32 GB RJ-45 connection 10/100MBit Audio: 1 x Line In, 1 x Line Out (stereo) 1 x analogue video input
Display:	WVGA (800x480 px) resolution 16.7 million colours
Camera:	1.3 million pixels
Temperature ranges:	±0 °C to +35 °C operation -10 °C to +70 °C storage
Relative humidity:	15 to 85% r. h. at +40 °C, no condensation
Dimensions:	W x H x D 268 x 220 x 65 mm Height from wall 16 mm Height from wall 28 mm as upgrade version with adapter frame

Can be used with DCS-IP-gateway as home station.
Functional description → Page 470.
DCS-IP-gateway 2620 97, 2620 98, 2620 99 → Page 371.
Desk housing 2083 00 → Page 370.

	Order no.	Packing unit	PS



Desk housing

	2083 00	1	05

Desk housing for Gira Control 9 to be placed on a desk or installed on the wall. The housing places the Gira Control 9 at an angle of 30° to the viewer. Space sleeve, screws and non-slip pads are included.

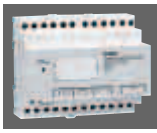
Dimensions:	Length 274 mm Width 226 mm Height 147 mm, upper edge of housing from the desk/from the wall
Angle to surface:	30°
Connection:	RJ 45 coupler

Gira Control 9 Client 2078 00 → Page 470.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

DCS-IP-gateway



DCS-IP-gateway

5 licences	**2620 97**	1	10
10 licences	**2620 98**	1	10
20 licences	**2620 99**	1	10

The DCS-IP-gateway converts signals from the Gira door communication system to the network protocol level (IP) and thus enables the integration of network-capable devices such as computers, video-IP telephones and IP cameras.

New functions
The range of functions of the optional firmware updates described in the following is not included in the scope of supply. Instead, it is provided subsequently as part of a free firmware update and it is not part of the purchase price.
With the firmware update, the DCS-IP-gateway is expanded by the functions "Skype™" and "Individualised message".
The Skype™ expansion enables mobile door communication per iPhone and iPad as well as with all smartphones, tablets and television sets for which there is a Skype™ application.
Skype™ forwarding can be conveniently switched on and off via the DCS Communicator.
In connection with the HomeServer or FacilityServer, audio files can be specifically played back. In this way, e.g. status feedback from the KNX system can be played back via defined recorded messages at the door stations.
To use the new functions, an external MicroSDHC card (recommended 2 GB / max. 32 GB SDHC) must be installed in the DCS-IP-gateway.
Gira reserves the right to discontinue operating the Skype™ functionality set in the DCS-IP-gateway at any time.
Claims against Gira shall not arise, regardless of whether as a result of agreements or laws.
This particularly applies to compensation for damage, warranty, etc.

DCS Communicator
With the „DCS Communicator" software, common computers and PC-based operating devices such as the Gira Control 9 Client or Gira Control 19 Client can be used as home stations via the network connection. The DCS Communicator offers all the functions of a video home station such as accepting conversations, switching lights (in conjunction with a switching actuator) and opening doors.
The following operating systems are supported by the DCS Communicator: Windows XP, Windows Vista, Windows 7, Windows 8, Mac OS X 10.6.
The connection to the HomeServer or FacilityServer via a plug-in enables display by the Gira Interface. The logic modules enables the realisation of new application possibilities such as access control via the Gira Keyless In products.

	Order no.	Packing unit	PS

The following license models are available:
- 2620 97: 5 simultaneously active DCS Communicators
- 2620 98: 10 simultaneously active DCS Communicators
- 2620 99: 20 simultaneously active DCS Communicators

With license models, please note that the DCS Communicator may be installed on any number of end devices. The number specified in the license model only specifies the number of simultaneously registered DCS Communicators.

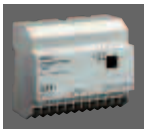
Start-up
Start-up of the DCS-IP-gateway is via web interface. For start-up via web interface, the start-up computer must have a current browser (e.g. Mozilla Firefox, Microsoft Internet Explorer, Opera, Safari, Chrome).
For power supply of the DCS-IP-gateway, the additional power supply for door communication **1296 00** is required.

Power supply:	24 V DC
Connections:	2 screw terminals for power supply 2 screw terminals for 2-wire bus OUT 2 screw terminals for 2-wire bus IN 1 RJ 45 network connection, 10/100 Mbit
Temperature range:	-5 °C to +50 °C
Dimensions:	DRA device, 6 depth module
Supported resolution:	CIF with standard image resolution
Power consumption:	1.6 W (standby) 5.0 W (conversation mode)

New. Firmware update available starting February 2013.
Video control device 1288 00 → Page 374.
Additional power supply 1296 00 → Page 375.

	Order no.	Packing unit	PS

DCS-TC-gateway



DCS-TC-gateway

DRA	**1290 00**	1	18

DCS-TC-gateway for connection of the Gira door communication system with the existing telephone system. With an analogue telephone connection, the DCS-TC-gateway is simply connected between the telephone connection and the analogue telephone. Telephone calls can be carried out on the existing telephone as usual. In addition, door calls are forwarded by the Gira door communication system to the telephone. It is then possible to speak to the person at the front door and the door opener can be activated via the telephone keypad. In addition, door calls can be forwarded to an answering machine or a mobile phone.
The DCS-TC-gateway has the following product features:

- Acceptance of door calls via the existing telephone.
- Direct exchange connection, eliminating the need for a telephone system in case of analogue operation.
- Can be connected to the a/b connection of existing telephone systems.
- Call forwarding to local, wired or mobile telephone.
- Call forwarding to up to 50 programmed devices.
- Call Differentiation between outside call and door call.
- Allows switching over between daytime and nighttime mode.
- Supports call waiting function during an existing outside call and an incoming door call.
- Can be configured with a telephone keypad (DTMF-capable) or the programming set **1291 00**.
- For security reasons, configuration changes via a telephone require the entry of a 4-digit PIN code.
- Call and conversation time can be set.
- Eavesdropping prevention.
- Operation of several DCS-TC-gateways on the Gira door communication bus is possible. When operating several DCS-TC-gateways in one system, each DCS-TC-gateway must have its own power supply. The supply of several DCS-TC-gateways from one control device or from one bell transformer is not permissible.
- Carrying out of switching functions via the existing telephone (DTMF-capable) in combination with the switching actuator **1289 00** or the flush-mounted switching actuator **1211 00**.
- LED status indicators for fast analysis of whether mains voltage is connected and the telephone connection has been assigned.
- Non-interchangeable connections.
- Programming interface and integrated flash processor for updating the DCS-TC-gateway software.

The DCS-TC-gateway is intended to be installed in the sub-distribution unit. If this is not possible, use a common surface-mounted distributor.
The DCS-TC-gateway is supplied with power via

- the 12 V output of the audio control device **1287 00**
- a common 12 V AC bell transformer (when using the video control device **1288 00**)
- the 24 VDC additional power supply for door communication **1296 00** (when using the video control device **1288 00**)
- This component enables door communication systems with more than 30 devices to be set up.

	Order no.	Packing unit	PS

Power supply:	12 V AC or 24 V DC, 0.3 A
Connections:	two screw terminals for 2-wire bus 2 screw terminals for exchange connection a/b 2 screw terminals for device a'/b' 2 screw terminals for power supply 12 V AC/24 V DC Programming interface
Dimensions:	DRA device, 6 depth module
Temperature range:	-5 °C to +45 °C

Programming set for DCS-door communication gateway 1291 00 → Page 372.
Control devices 1287 00, 1288 00 → Page 374.
Additional power supply 1296 00 → Page 375.
i 28

Programming set for DCS-TC-

german	**1291 00**	1	18

For programming the DCS-TC-gateway with a PC or laptop, consisting of a programming cable for connection to the DCS-TC-gateway and the start-up software.
The start-up software offers the following features:

- Setting of the basic configurations.
- Phone book function with the ability to enter up to 50 devices with names and 2 telephone numbers.
- Log function for logging bus activities.
- Save and load settings.
- Carry out software update.
- Can be run under the operating systems Windows 95™ to Windows XP™, Windows 7, Windows 8.

DCS-Door communications system gateway 1290 00 → Page 372.

The delivery results subject to countries specific assortments.

Surface-mounted gong



Surface-mounted gong

	Order no.	Packing unit	PS
System 55			
cream white glossy	**1200 01**	1	18
pure white glossy	**1200 03**	1	18
pure white matt	**1200 27**	1	18
anthracite	**1200 28**	1	18
colour aluminium	**1200 26**	1	18
E22			
Stainless Steel	**1200 20**	1	18
Aluminium	**1200 203**	1	18
pure white glossy	**1200 03**	1	18

The surface-mounted gong in the Gira door communication system is for additional signalling.
The surface-mounted gong has the following product features:
- Fully pre-assembled surface-mounted gong, allowing quick, clean installation.
- Design variety via integration, allowing uniform appearance of door communication and electrical installation.
- Installation possible with or without cover frame. For installation with cover frame, a 2-gang cover frame without crossbar is required. Note: A cover frame is required when installing in a 58 mm flush-mounted box.
- Easy installation via pull-off screw terminals.
- Easy removal of device during renovation work.
- Mounting holes for wall and box installation.
- Signal transmission and power supply of the surface-mounted gong via reverse-polarity-protected and short-circuit-proof 2-wire bus.
- Parallel connection of up to three gongs or home stations possible.
- One-man start-up with simple start-up procedure.
- Operating buttons with integrated LEDs for status display.
- LED display for an incoming call.
- Ringing tone deactivation is possible.
- Ringing tone differentiation for door call, internal call and floor call.
- Selection of ringing tone melody – up to five different ringing tone melodies can be selected.

The operating buttons of the gong control the following functions:
- Setting the ringing tone melody.
- Switching the ringing tone on and off.
- Volume control of the ringing tone.

Power supply:	26 V DC ± 2 V (bus voltage)
Connections:	two screw terminals for 2-wire bus two screw terminals for floor-call button
Dimensions:	W x H x D 55 x 127 x 20 mm
Temperature range:	-5 °C to +50 °C

Installation possible without cover frame or with System 55 or E22 cover frame, 2-gang without crossbar 1002 ...
Control device Audio 1287 00 → Page 374.

Profile 55



	Order no.	Packing unit	PS
1-gang			
pure white (lacquered)	**1361 27**	1	17
Aluminium	**1361 26**	1	17
2-gang			
pure white (lacquered)	**1362 27**	1	17
Aluminium	**1362 26**	1	17
3-gang			
pure white (lacquered)	**1363 27**	1	17
Aluminium	**1363 26**	1	17
5-gang			
pure white (lacquered)	**1364 27**	1	17
Aluminium	**1364 26**	1	17
5-gang 600 mm			
pure white (lacquered)	**1365 27**	1	17
Aluminium	**1365 26**	1	17
8-gang			
pure white (lacquered)	**1366 27**	1	17
Aluminium	**1366 26**	1	17

For integration of home stations.
Functional description and additional products Profile 55 → Page 240.

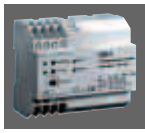


	Order no.	Packing unit	PS
2-gang			
pure white (lacquered)	**1192 27**	1	17
Aluminium	**1192 26**	1	17
3-gang			
pure white (lacquered)	**1193 27**	1	17
Aluminium	**1193 26**	1	17
5-gang 600 mm			
pure white (lacquered)	**1195 27**	1	17
Aluminium	**1195 26**	1	17
8-gang			
pure white (lacquered)	**1198 27**	1	17
Aluminium	**1198 26**	1	17

For integration of home stations for table-top installation.
Functional description and additional products Profile 55 → Page 240.

	Order no.	Packing unit	PS

Control devices



Audio control device

DRA	**1287 00**	1	18

Control device for the supply of the audio components of the Gira door communication bus.
The audio control device offers the following product features:
- Supply of the reverse-polarity protected, short-circuit-proof 2-wire bus.
- Self-resetting electronic short-circuit and overload recognition of the operating voltage and the bus connection.
- Buttons for system and door opener programming.
- LED status indicators for operation, overload, system programming and door opener programming.
- 12 V AC output (1 - 10 s) to supply power to a standard door opener (max. power consumption 1.6 A/ED 25 %).
- Permanent 12 V AC output to supply power of a DCS-TC-gateway **1290 00**.
- Relay output for switching a door opener with its own power supply.
- Door opener time steplessly adjustable from 1 to 10 seconds.

The audio control device is intended to be installed in the sub-distribution unit. If this is not possible, use a common surface-mounted distributor.
- This component enables door communication systems with up to 70 devices to be set up (e.g. 1 built-in loudspeaker, 5 add-on modules for build-in speakers, 68 surface-mounted home stations).

Primary rated voltage:	230 V AC, 50 Hz
Secondary rated voltage:	SELV 26 V DC ±2 V
Secondary rated current:	160 mA continuous load 550 mA peak load (max. 5 seconds) Overload deactivation from 350 mA
Screw terminals:	0.6 mm to 2.5 mm^2
Door opener output:	12 V AC, 1.6 A/ED 25 %
Relay output:	30 V AC/DC, 2 A
Entire cable length:	max. 700 m
Cable length from control device to most distant device:	max. 300 m with 0.8 mm cable ∅ max. 170 m with 0.6 mm cable ∅
Dimensions:	DRA device, 6 depth module
Temperature range:	-5 °C to +45 °C
Protection type:	IP 20

Flush-mounted door station 1260 .., 1261 .. → Page 352.
Surface-mounted door station 1266 .., 1267 .., 1268 .. → Page 358.
Door station stainless steel → Page 355.
Home station 1250 .., 1280 .., 1281 .. → Page 366.
Surface-mounted gong 1200 .. → Page 373.
Built-in loudspeaker 1258 00 → Page 360.
DCS-Door communications system gateway 1290 00 → Page 372.
Switching actuator 1211 00, 1289 00 → Page 376.

i 21



Video control device

DRA	**1288 00**	1	10

Control device for supplying the audio and video components of the Gira door communication bus.
The video control device has the following product features:
- Supply of the reverse-polarity protected, short-circuit-proof 2-wire bus when using video components such as colour camera, TFT colour display.
- Up to 2 door stations with colour camera and 28 home stations with TFT colour display can be supplied by the video control device.
- A total of up to 15 colour cameras can be activated by the video control device (5 door stations video and 10 DCS-camera-gateways), of which two door stations with colour camera can be provided with power by the video control device. Every other colour cameras must be operated with its own additional power supply.
- Self-resetting electronic short-circuit and overload recognition of the operating voltage and the bus connection.
- Buttons for system and door opener programming.
- LED status indicators for operation, overload, system programming and door opener programming.
- 12 V AC output (1 - 10 s) to supply power to a standard door opener (max. power consumption 1.1 A/ED 25 %).
- Relay output for switching a door opener with its own power supply.
- Door opener time steplessly adjustable from 1 to 10 seconds.

The video control device is intended to be installed in the sub-distribution unit. If this is not possible, use a common surface-mounted distributor.
When the topology of the video cabling is designed as a branch line, the video distributor **1226 00** is required.
In combination with the DCS-TC-gateway **1290 00**, the additional power supply **1296 00** is required.
- In total, setup of door communication systems with up to 70 audio devices is possible with the video control device. (e.g. 1 built-in loudspeaker, 5 add-on modules for built-in loudspeakers, 68 surface-mounted home stations).

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Primary rated voltage: 230 V AC, 50 Hz
Secondary rated voltage: SELV 26 V DC ±2 V
Secondary rated current: 700 mA continuous load
1.15 A peak load (max. 5 seconds)
Overload deactivation from 900 mA
Screw terminals: 0.6 mm to 2.5 mm^2
Door opener output: 12 V AC, 1.1 A/ED 25 %
Relay output: 250 V AC, 2 A
Cable length from camera to most distant TFT display: max. 150 m (without video amplifier)
max. 300 m (with video amplifier)
Entire cable length with pure video operation: see Control device Audio **1287 00**
Dimensions: DRA device, 8 depth module
Temperature range: -5 °C to +45 °C
Protection type: IP 20

Flush-mounted door station 1260 .., 1261 .. → Page 352.
Colour camera for flush-mounted door station 1265 .. → Page 354.
Surface-mounted door station 1266 .., 1267 .., 1268 .., 1269 .., 1270 .. → Page 358.
Door station stainless steel, door station stainless steel video → Page 355.
Home stations 1280 .., 1281 .. with the supplements call buttons 1283 .., 1285 .., TFT colour display 1286 .., DCS-TV gateway 2610 .. → Page 366.
VideoTerminal 2600 .. → Page 365.
Surface-mounted home station 1250 .., 1279 .. → Page 363.
Surface-mounted gong 1200 .. → Page 373.
Built-in loudspeaker 1258 00 → Page 360.
Switching actuator 1211 00, 1289 00 → Page 376.
Additional power supply 1296 00 → Page 375.
Video distributor 1226 00 → Page 378.
Video amplifier 1222 00 → Page 377.
Video multiplexer 1224 00 → Page 378.

i 22

	Order no.	Packing unit	PS



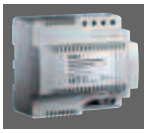
Additional power supply for door communication 24 V DC 300 mA

DRA **1296 00** 1 18

Additional power supply 24 V DC for supply of door communication components in the following application cases:
- Power supply of the colour camera in large facilities.
- Supply of the call-button illumination in large facilities.
- Supply of the DCS-TC-gateway **1290 00** if the video control device **1288 00** is used.
- Supply of Keyless In keypad **2605 ..**, Transponder reader **2606 ..**, Fingerprint reader **2607 ...**

Primary rated voltage: 230 V AC, 50 Hz
Secondary rated voltage: SELV 24 V DC
Secondary rated current: 0.3 A
fuse protection: Fine-wire fuse 250 V, 160 mA
Dimensions: DRA device, 5 depth module
Temperature range: -5 °C to +40 °C
Protection type: IP 20

Colour camera for flush-mounted door station 1265 .. → Page 354.
Flush-mounted door station 1260 .., 1261 .. → Page 352.
Surface-mounted door station 1266 .., 1267 .., 1268 .., 1269 .., 1270 .. → Page 358.
Door station stainless steel → Page 355.
DCS-IP-gateway 2620 .. → Page 371.
DCS-Door communications system gateway 1290 00 → Page 372.
Keyless In keypad 2605 .., Transponder reader 2606 .., Fingerprint reader 2607 .. → Page 382.



Additional power supply for door communication 24 V DC 700 mA

DRA **2570 00** 1 18

Additional power supply 24 V DC for the supply of the Gira VideoTerminal **2600 ...**
Primary rated voltage: 230 V AC, 50 Hz
Secondary rated voltage: SELV 24 V DC
Secondary rated current: 0.7 A
fuse protection: self-resetting electronic short-circuit protection
Dimensions: DRA device, 6 depth module
Temperature range: -5 °C to +40 °C
Protection type: IP 20

VideoTerminal 2600 .. → Page 365.



Power supply12 V DC / 2 A DRA

5319 00 1 02

New. Available starting April 2013.
Power supply 12 V DC for the eNet server, eNet radio reception module and external camera.
Primary rated voltage: 100 to 240 V AC, 50/60 Hz
Secondary rated voltage: 12 to 14 V DC
Secondary rated current: 2 A
Leakage current: max. 250 µA
Temperature range: -10 °C to +50 °C
Dimensions: DRA device, 2 depth module

External camera 1220 00 → Page 377.

	Order no.	Packing unit	PS

Switching Actuators



Door communication switching actuator

DRA **1289 00** 1 18

Switching actuator for switching light, controlling a door opener on back/side doors or other functions via the Gira door communication bus.
The switching actuator offers the following product features:
- Control of a zero-voltage switch contact 230 V/10 A via the 2-wire bus.
- The switching actuator can be controlled via:
  the buttons „Door" and „Light" on the home station,
  the call button on the door station,
  the call button on the home station,
  the buttons of a telephone (in conjunction with DCS-TC-gateway **1290 00**).
- The switching actuator can be used in five different operating modes: Switching, Timer/sec., Timer/min., Pulse and Door Opener.
- Impulse function for controlling existing automatic staircase mechanisms.
- Binary input for switching functions via a connected mechanical push button.
- Switching time can be steplessly adjusted from 1 s to 10 s or 1 min. to 10 min., depending on the function set.

The switching actuator is intended to be installed in the sub-distribution unit. If this is not possible, use a common surface-mounted distributor.
- This component enables door communication systems with more than 30 devices to be set up.

Power supply:	26 V DC ± 2 V (bus voltage)
Zero-voltage relay contact:	10 A at 230 V AC 2 A at 30 V DC
Number of teachable call buttons:	max. 16
Dimensions:	DRA device, 2 depth module
Temperature range:	-5 °C to +45 °C

Control device Audio 1287 00 → Page 374.
Video control device 1288 00 → Page 374.
i 27



Door communication flush-mounted switching actuator

1211 00 1/5 18

Flush-mounted switching actuator for control of an external gong or other devices via the Gira door communication bus. The switching actuator has the following product features:
- Control of a zero-voltage switch contact (24 V SELV/ 50 µA to 1.6 A AC/DC) via the 2-wire bus.
- The switching actuator can be controlled via:
  the buttons Door and Light on the home station,
  the floor-call button of the home station,
  the call button on the door station, the call button on the home station,
  the buttons of a telephone (in conjunction with the DCS-TC-gateway **1290 00**),
  a zero-voltage button (in conjunction with the door communication 2-gang push button interface **1210 00**).
- The flush-mounted switching actuator can be used in four different operating modes: Switching, Timer/sec., Timer/min. and pulse,
- pulse function for controlling existing automatic staircase mechanisms,
- switching time can be adjusted from 1 s to 10 s or 1 min. to 10 min. depending on the function set,
- LED display for programming, function selection and time setting.
- The flush-mounted switching actuator is intended for installation in a deep flush-mounted wall box (depth 60 mm) behind a door-communication bus coupler.

Power supply:	26 V DC ± 2 V (bus voltage)
Zero-voltage relay contact:	50 µA to 1.6 A at 24 V AC/DC SELV
Number of teachable call buttons:	max. 16
Dimensions:	L x W x H 43 x 28 x 15 mm
Temperature range:	-5 °C to +50 °C

Control device Audio 1287 00 → Page 374.
Video control device 1288 00 → Page 374.
i 27

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Video accessories



DCS-camera-gateway

	1201 00	1	10

The DCS-camera-gateway integrates a common analogue camera into the Gira door communication system. The camera can be assigned to a door station. In this case, the external camera switches on automatically when the call button is pressed.
The combination housing of the DCS-camera-gateway makes three installation types possible:
- Surface-mounted (in a standard junction box)
- Flush-mounted (in a flush-mounted device box)
- As a DRA device (with the included DRA adapter)

The connection of the external camera is made with screw terminals.
An adapter cable is included for cameras with BNC connection.
If there is more than one external camera, each external camera requires a DCS-camera-gateway and its own power supply.
Up to 10 DCS-camera-gateways can be used in a system, although the video signal may only run through a maximum of three DCS-camera-gateways.

Connections:	2 screw terminals for 2-wire bus OUT 2 screw terminals for 2-wire bus IN 2 screw terminals for Video In 2 screw terminals as backing terminals 3 screw terminals for relay (2-way switch)
Dimensions:	W x H x D 36 x 52 x 27 mm
Temperature range:	-25 °C to +70 °C
Video signal:	FBAS 1 Vss, PAL standard

External camera 1220 00 → Page 377.



External camera

	1220 00	1	10

External camera for wall or ceiling mounting with variable lens, integrated IR LED lighting and automatic white balance. The camera can be installed anywhere in the entrance area and integrated in the Gira door communication system via the DCS-camera-gateway. The integrated temperature-dependent camera heating prevents condensation from forming on the camera cover plate due to fluctuating climactic conditions and thus provides a clear view.
An overview of the most important functions:
- Light-sensitive chip set for clear imaging in weak light conditions
- Adjustable IR LEDs for video monitoring in complete darkness
- Easy-plug camera module and mounting plate for simple, rapid installation
- Second video output for connecting a monitor during start-up
- Camera module adjustable in 3 axes

Power supply:	12 V DC
Current consumption:	max. 1,9 A
Dimensions:	∅ x H 145 x 99.5 mm
Temperature range:	-20 °C to +50 °C
Protection type:	IP 66
Video output:	2 x FBAS, 1Vss, 75 ohms (BNC, cinch)
Focal length:	2.8 mm to 10.5 mm
Colour system:	PAL
Horizontal resolution:	650 TV lines
Image capture element:	1/3" Sony Exview HAD II CCD
Minimal lighting:	0.05 lux @ F2.0 (day) 0 lux @ F2.0 (night)
Day/night:	IR swivel filter (ICR), colour / B/W
IR LED:	24 LED, 850 nm
IR range:	5 / 10 / 20 m
Horizontal angle of vision:	27,4° to 101.8°
Electronic shutter:	AI
Gain control (AGC):	max. 28 dB
Background lighting compensation:	BLC

DCS-camera-gateway 1201 00 → Page 377.
Power supply 12 V DC 5319 00 → Page 522.



Video amplifier

	1222 00	1	10

New.
The video amplifier extends the range of Gira door communication systems with video function.
It increases the volume of the incoming video signal to the maximum permissible bus volume and outputs it at the output. In doing so, the line attenuation from the source of the video signal to the input of the video amplifier is compensated.
With the video amplifier, the maximum cable length between the door and home station can be extended from 100 m to 300 m.
The combination housing makes three installation types possible:
- Surface-mounted (in a standard junction box)
- Flush-mounted (in a flush-mounted device box)
- As a DRA device (with the included DRA adapter)

No further configuration is necessary during start-up because the video amplifier automatically adapts to the existing mains supply.

Connections:	2 screw terminals for 2-wire bus IN 2 screw terminals for 2-wire bus OUT
Dimensions:	W x H x D 36 x 52 x 27 mm
Temperature range:	-25 °C to +70 °C

Video control device 1288 00 → Page 374.

i 24

	Order no.	Packing unit	PS



Video distributor

	1226 00	1	10

New.

The video distributor is an active component for line adjustment of the video signal.

The video distributor distributes the video signal of the door stations, DCS-camera-gateways and DCS-IP-gateways to the home stations. It is required when the wiring routing to the video components of the Gira door communication system is carried out as a branch line. It ensures the proper terminating resistance to prevent possible reflections of the individual branches and the resulting picture disturbances.

The video distributor is cascadable. A total of up to 15 video distributors including video multiplexers can be used in one system.

The combination housing makes three installation types possible:

- Surface-mounted (in a standard junction box)
- Flush-mounted (in a flush-mounted device box)
- As a DRA device (with the included DRA adapter)

No further configuration is necessary during start-up because the video distributor automatically adapts to the existing mains supply.

Power supply:	26 V DC ± 2 V (bus voltage)
Connections:	2 screw terminals for 2-wire bus IN
	6 screw terminals for 2-wire bus OUT
Temperature range:	-25 °C to +70°C
Dimensions:	W x H x D 36 x 52 x 27 mm

Video control device 1288 00 → Page 374.

i 25



Video multiplexer

	1224 00	1	10

New.

The video multiplexer bundles the video signals of door stations, DCS-camera-gateways and DCS-IP-gateways.

A video multiplexer can bring the video signals from 3 door stations with colour cameras together. Using 2 video multiplexers, the video signals from up to 5 door stations can be brought together.

The combination housing makes three installation types possible:

- Surface-mounted (in a standard junction box)
- Flush-mounted (in a flush-mounted device box)
- As a DRA device (with the included DRA adapter)

No further configuration is necessary during start-up because the video multiplexer automatically adapts to the existing mains supply.

Power supply:	26 V DC ± 2 V (bus voltage)
Connections:	6 screw terminals for 2-wire bus IN
	2 screw terminals for 2-wire bus OUT
Temperature range:	-25 °C to +70°C
Dimensions:	W x H x D 36 x 52 x 27 mm

Video control device 1288 00 → Page 374.

i 25

	Order no.	Packing unit	PS

Connection cable set audio/video 50 cm

	1273 00	1/5	18

Set of 6-pole audio connection cable and 2-pole video connection cable with a length of 50 cm for remote operation of the colour camera. The cable set is required when the colour camera is to be installed offset from the door station or the built-in loudspeaker, or when with installation in the energy profiles **1354 ..**, **1355 ..** several empty units between the colour camera and the door station (bus coupler) must be bridged.

Colour camera for flush-mounted door station 1265 .. → Page 354.

Built-in loudspeaker 1258 00 → Page 360.

Energy profile 1353 .., 1354 .., 1355 .. → Page 265.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Accessories



Door communication push button interface, 2-gang

	1210 00	1/5	18

The 2-gang door communication push button interface is for implementation of a zero-voltage button signal on the Gira door communication bus. The door communication push button interface has two mutually independent inputs for connection of zero-voltage buttons. The inputs can either be used for the triggering of a switching action (e.g. switching lights via switching actuator **1289 00** or **1211 00**) or can be assigned to a home station. With assignment of the push button interface to a home station both inputs function identically:
input 1 triggers a floor call. This input is required when only a two-wire cable is available for the connection of a home station including the floor-call button (e.g. when retrofitting an existing door intercom).
Input 2 triggers a door call. This input is required when the automatic door opener of the home station is to be triggered via a mechanical button.
The door communication push button interface is intended for installation in a flush-mounted wall box behind a conventional push button. The push button connection is made via a 3-wire connection cable with length approx. 20 cm. This connection cable can be extended to a maximum of 5 m.

Power supply: 26 V DC ± 2 V (bus voltage)
Dimensions: L x W x H 43 x 28 x 15 mm
Temperature range: -5 °C to +50 °C

Home stations 1280 .., 1281 .. with the supplements of call buttons 1283 .., 1285 .., TFT colour display 1286 .. → Page 366.
Surface-mounted home station 1250 .., 1279 .. → Page 363.



Mounting plate for surface-mounted home station

pure white glossy	**1256 00**	1	18

Mounting plate for covering the wallpaper cut-out of a home station already installed in the building when retrofitting the Gira door communication system. The mounting plate has holes for installing the surface-mounted home station.

Dimensions: W x H 95 x 235 cm

Surface-mounted home station 1250 .., 1279 .. → Page 363.



Mounting plate

2-gang	**1297 00**	1	18
3-gang	**1298 00**	1	18
4-gang	**1299 00**	1	18

Mounting plate for covering the installation openings of door intercom systems present in the building when retrofitting the Gira door communication system. Holes are provided in the mounting plate for wall installation and openings for installing the Gira door station.
Material: Anodised aluminium.

Dimensions (2-gang): W x H 130 mm x 253 mm
Dimensions (3-gang): W x H 130 mm x 253 mm
Dimensions (4-gang): W x H 130 mm x 346 mm

Flush-mounted door station 1260 .., 1261 .. → Page 352.
Call button 1262 .., 1263 .. → Page 353.
Info module 1264 00 → Page 353.
Colour camera for flush-mounted door station 1265 .. → Page 354.



Call-button cover plate for 3-gang call button

pure white	**1255 66**	5/25	18
anthracite	**1255 67**	5/25	18
colour aluminium	**1255 65**	5/25	18

For covering of unneeded call buttons of the 3-gang flush-mounted door station **1261 ..**, of the 3-gang call button for door station **1263 00**, as well as for the surface-mounted 3-gang door stations **1267 ..**, **1268 ..**, **1270 ...**

Door station, 3-gang, 1261 .. → Page 352.
Call button, 3-gang, 1263 00 → Page 353.
Surface-mounted door station 1267 .., 1268 .., 1270 .. → Page 358.

Tri-Wing screw set

	1407 00	1	09

Tri-Wing screw set for increased theft protection.
Scope of supply: 30 screws.
Fit Tri-Wing screwdrivers.

Cover frames TX_44, 1 to 4-gang, 0211 65/66/67 to 0214 65/66/67 → Page 258.
Surface-mounted door station 1266 .., 1267 .., 1268 .., 1269 .., 1270 .. → Page 358.
Tri-Wing screwdriver 1408 00 → Page 379.

Tri-Wing screwdriver

	1408 00	1	09

Fits Tri-Wing screws **1407 00**.

Tri-Wing screw set 1407 00 → Page 379.

Gira also offers something for building technology that has long been standard in the automotive industry: KeylessIn products for keyless access into rooms and buildings.

The Gira KeylessIn Keypad opens the door when a personal code is entered. Capacitive switching technology enables operation with a light touch.

The Gira KeylessIn Transponder is equipped with long-range transponder technology. The reader responds to the signal from the active transponder key and the transponder card. It automatically transmits the signal from short and long ranges of approx. 6 cm or 1.5 m.

Using state-of-the-art high-frequency technology, the Gira KeylessIn Fingerprint works with a biometric system and evaluates the structures of the deepest layers of skin of the finger used, which offers a high level of security against tampering.

Advantages of Gira KeylessIn
Available for the Gira switch ranges Standard 55, E2, Event, Esprit, ClassiX, E 22, the F100 and TX_44

Can be integrated in the Gira door stations and the Gira energy profiles

No additional control components required for integration in the Gira door communication system

Stand-alone operation also possible, e.g. at individual doors or gates

In combination with the Gira DCS-IP-gateway, access authorisations can be managed centrally via the Gira HomeServer

Advantages of Gira Transponder
In addition to the long-range function, it can also be used as a short-range transponder

Contactless transponder technology offers wear-free operation

Door opening can be carried out with a transponder card or key and from short or long ranges as required

Advantages of Gira Keypad
A fine acknowledgement tone provides feedback when the buttons are pressed

Thanks to capacitive switching technology, buttons remain virtually wear-free

For better orientation at night, the numbers and symbols are backlit with a blue LED

Advantages of Gira Fingerprint
Provides detection of signs of life in the finger by means of high-frequency technology

Also evaluates the skin surface of injured or slightly dirty fingers

The contact surface of the sensor is illuminated around the edges by white LEDs

Design awards
iF product design award 2008, iF Design Hannover

Plus X Award 2008

Product information
www.gira.com/brochures



3



4



5

Gira KeylessIn
Gira E2, pure white glossy

3
Transponder reader

4
Keypad

5
Fingerprint reader

Gira KeylessIn
Gira TX_44, colour aluminium

6
Transponder reader

7
Keypad and
door station, 3-gang

8
Fingerprint reader

Gira KeylessIn
Keyless access to rooms and buildings

Keyless In

Keypad	382
Fingerprint reader	383
Transponder reader	384
Programming card	385
Active transponder key	385
Transponder card	385

1 Transponder key
for long ranges
2 Transponder card
for short ranges



1



2



6



7

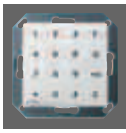


8

	Order no.	Packing unit	PS

Keyless In

As standalone device or in combination with the Gira door communication system, enables convenient door opening for authorised persons.



Keyless In Keypad

	Order no.	Packing unit	PS
System 55			
cream white glossy	**2605 01**	1	10
pure white glossy	**2605 03**	1	10
pure white matt	**2605 27**	1	10
anthracite	**2605 28**	1	10
colour aluminium	**2605 26**	1	10
E22			
Stainless Steel (lacquered)	**2605 20**	1	10
Aluminium (lacquered)	**2605 203**	1	10
pure white glossy	**2605 03**	1	10
Gira F100			
cream white glossy	**2605 111**	1	10
pure white glossy	**2605 112**	1	10
TX_44			
pure white	**2605 66**	1	10
anthracite	**2605 67**	1	10
colour aluminium	**2605 65**	1	10

Keypad as access control system based on a capacitive and therefore wear-free button field.
The Keypad offers the following product features:

- Installation in the 58 mm flush-mounted box.
- Capacitive button field. Coming close to or touching the numbers is sufficient for code entry. Thanks to the wear-free capacitive technology, no recognisable wearing of frequently used number combination.
- As standalone device or in combination with the Gira door communication system, enables convenient door opening for authorised persons and a door call system for buildings with several housing units.
- In stand-alone operation, the zero-voltage relay contacts contained in the flush-mounted insert are used for the switching processes, e.g. for door openers with their **own** power supply (e.g. common bell transformer).
- Special button "C": Deleting an incorrect entry.
- Special button "Key": After entry of the correct code, direct door opening is carried out when the button is pressed.
- Special button "Bell": Specific selection of home stations in large facilities.
- Special button "F": Switching functions are possible with this button in conjunction with switching actuators **1211 00** and **1289 00** of the Gira door communication system.
- Start-up possible with direct configuration on the device – the keypad is put into operation without a PC or programming software.
- Homogeneous blue LED illumination of the numbers and special characters at night.
- Design diversity due to integration in the Gira design platforms TX_44 and System 55. Integration in F100 and Stainless Steel Series 20, Series 21 possible using adapter frame
- Master PIN number provided on included sealed security card if Administrator PIN number is lost.
- The keypad can manage up to 255 codes.
- Up to 32-digit codes possible.
- Audible feedback when buttons are touched.
- Three-colour LED status display for optical signalling during programming and operation.
- Warning tone in case of unauthorised removal of the keypad top unit for tamper detection. A tampering circuit can also be realised in connection with the Gira door communication system using a switching actuator.
- The two integrated two-way switch relays can be assigned two different codes, e.g. Code 1: door opening, Code 2: switching outside light.
- Keyless In devices can be connected to the Gira HomeServer using the DCS-IP-gateway, which makes intelligent links possible. In this way, e. g. temporary or one-time access authorisation can be easily granted. All data including access authorisation can be managed centrally and flexibly using the Gira HomeServer. Keyless In devices from Index 03 and the HomeServer Expert from Version 2.6 are required for these function expansions.

Inputs and outputs

- Switching contact: 2 relays with zero-voltage two-way switch contacts
- Load capacity:24 V/1.6 A AC/DC
- Connector strip for system bus of Gira door communication system
- 2 connections for additional supply

Protection type:	IP 20 (TX_44 = IP 44)
Power supply:	24 V DC ±10% (power supply **1296 00**) or 26 V DC ± 2 V (door-communication bus voltage)
Temperature range:	-20 °C to +70 °C
Resistance to EMD:	up to 16 kV

Flush-mounted door station 1260 .., 1261 .. → Page 352.
Control devices 1287 00, 1288 00, Additional power supply 1296 00 → Page 374.

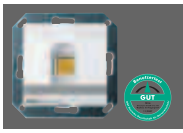
For integration in Gira F100:
Intermediate plate 55 x 55 mm 0289 .. → Page 209.
For integration in Stainless Steel Series 20, Series 21:
Intermediate plate 55 x 55 mm 0289 20 → Page 168.

Integration in a modular function profile → Page 245.
Integration in Profile 55 → Page 240.

i 30

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Keyless In
Fingerprint reader

System 55			
cream white glossy	**2607 01**	1	10
pure white glossy	**2607 03**	1	10
pure white matt	**2607 27**	1	10
anthracite	**2607 28**	1	10
colour aluminium	**2607 26**	1	10
E22			
Stainless Steel (lacquered)	**2607 20**	1	10
Aluminium (lacquered)	**2607 203**	1	10
pure white glossy	**2607 03**	1	10
Gira F100			
cream white glossy	**2607 111**	1	10
pure white glossy	**2607 112**	1	10
TX_44			
pure white	**2607 66**	1	10
anthracite	**2607 67**	1	10
colour aluminium	**2607 65**	1	10

Fingerprint module as professional biometric access control system based on the new generation of surface-scan technology.
The fingerprint module offers the following product features:

- The latest generation of fingerprint technology: the Gira Fingerprint uses high-frequency scanning of the deepest layer of skin. This innovative process results in a high detection rate and security against tampering.
- Access control system based on biometric characteristics of the human finger. An evaluation of the unique characteristic features of the living human finger is carried out.
- Installation in the 58 mm flush-mounted box.
- As standalone device or in combination with the Gira door communication system, enables convenient door opening for authorised persons.
- In stand-alone operation, the zero-voltage relay contacts contained in the flush-mounted insert are used for the switching processes, e.g. for door openers with their **own** power supply (e.g. common bell transformer).
- Design diversity due to integration in the Gira design platforms TX_44 and System 55. Integration in F100 and Stainless Steel Series 20, Series 21 possible using adapter frame
- Start-up with direct configuration on the device – the fingerprint module is put into operation without a PC or programming software.
- Detection of signs of life in the finger.
- Up to 50 fingers can be managed by the fingerprint reader.
- Reliable detection of fingers which, for example, were slightly injured during gardening (only the top layer of skin was injured).
- The digitised data of the fingerprint can only be detected and processed further by the Gira fingerprint evaluation unit. A reconstruction of the fingerprint is not possible due to the encryption process used. As a result, unauthorised use is prevented and data protection is ensured.
- The Gira fingerprint sensors feature special software logic, which enables constant checking of fingers and saves the necessary reference again. This is especially important for the fingers of children, which change over time and must be updated in the memory.
  Note: Children's fingers can generally first be reliably detected from 6 years of age.
- Laying on finger at an angle of up to 15 degrees to each side from the zero axis is detected and corrected.
- Quick response time from finger lay on to enabling:
  for up to 30 saved fingerprints approx. 1 s
  for up to 50 saved fingerprints approx. 3 s
- Night design of fingerprint surface for orientation as to where finger must be laid on. Homogeneous illumination with white LED illumination.
- Three-colour LED status display for optical signalling during programming and operation.
- Master PIN number provided on included sealed security card if Administrator finger is no longer available. The device can be reset at the factory with the accompanying security card.
- Acknowledgement number for acoustic signalling for user or installer.
- Audible warning in case of unauthorised removal of the fingerprint top unit, i.e. tamper detection. A tampering circuit can also be realised in connection with the door communication system using a switching actuator.
- The two integrated two-way switch relays can be assigned two different fingers, e.g. thumb: control of door opening; index finger: switching outside light.
- Keyless In devices can be connected to the Gira HomeServer using the DCS-IP-gateway, which makes intelligent links possible. In this way, e. g. temporary or one-time access authorisation can be easily granted. All data including access authorisation can be managed centrally and flexibly using the Gira HomeServer. Keyless In devices from Index 03 and the HomeServer Expert from Version 2.6 are required for these function expansions.

Inputs and outputs

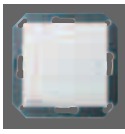
- Switching contact: 2 relays with zero-voltage two-way switch contacts, load capacity 24 V/1.6 A AC/DC.
- Connector strip for system bus of Gira door communication system
- 2 power supply connections

Protection type:	IP 20 (TX_44 = IP 44)
Power supply:	24 V DC ±10% (power supply **1296 00**) or 26 V DC ± 2 V (door-communication bus voltage)
Temperature range:	-20 °C to +70 °C
Resistance to EMD:	up to 15 kV

Flush-mounted door station 1260 .., 1261 .. → Page 352.
Control devices 1287 00, 1288 00, Additional power supply 1296 00 → Page 374.

For integration in Gira F100:
Intermediate plate 55 x 55 mm 0289 .. → Page 209.
For integration in Stainless Steel Series 20, Series 21:
Intermediate plate 55 x 55 mm 0289 20 → Page 168.

Integration in a modular function profile → Page 245.
Integration in Profile 55 → Page 240.



Keyless In
Transponder reader

	Order no.	Packing unit	PS
System 55			
cream white glossy	**2606 01**	1	10
pure white glossy	**2606 03**	1	10
pure white matt	**2606 27**	1	10
anthracite	**2606 28**	1	10
colour aluminium	**2606 26**	1	10
E22			
Stainless Steel (lacquered)	**2606 20**	1	10
Aluminium (lacquered)	**2606 203**	1	10
pure white glossy	**2606 03**	1	10
Gira F100			
cream white glossy	**2606 111**	1	10
pure white glossy	**2606 112**	1	10
TX_44			
pure white	**2606 66**	1	10
anthracite	**2606 67**	1	10
colour aluminium	**2606 65**	1	10
Power supply			
DRA	**1296 00**	1	18

Transponder reader as access control system based on long-range transponder technology.
The transponder reader offers the following product features:

- Installation in the 58 mm flush-mounted box.
- New-generation access control system based on contact-free, wear-free long-range transponder technology (range typically 1.5 m in a metal-free environment with frontal approach).
- No action required to control door opening. The active transponder key **2609 00** can remain in the user's pocket; door opening is activated automatically when the door is approached.
- In addition, the passive transponder technology (HITAG 2 standard) is integrated in the transponder reader with a reading distance of approx. 6 cm (specification of reading distance for credit-card sized ID cards).
- Management of up to 250 active or passive transponders (in HITAG2 standard). Each active transponder key and each passive transponder card has its own code, and is therefore unique.
- As standalone device or in combination with the Gira door communication system, enables convenient door opening for authorised persons.
- In stand-alone operation, the zero-voltage relay contacts contained in the flush-mounted insert are used for the switching processes, e.g. for door openers with their **own** power supply (e.g. common bell transformer).
- Start-up is possible with direct configuration on the device – the transponder reader is put into operation without a PC or programming software.
- Design diversity due to integration in the Gira design platforms TX_44 and System 55. Integration in F100 and Stainless Steel Series 20, Series 21 possible using adapter frame
- The transponder reader and the transponder key operate reliably even under difficult environmental conditions.
- Two-colour LED status display for optical signalling during programming and operation.
- Acoustic signalling with an acknowledgement number.
- **One programming card is always required per building.**
- The two integrated 2-way switch relays are assigned the following functions:
  1. Far-field relay:
  if a learned-in active transponder key **2609 00** is brought into the detection area of the transponder reader (typically up to 1.50 m distance for a metal-free environment and frontal approach), the far-field relay is activated for the set period (e.g. for activating the door opener).
  2. Near-field relay
  if the active transponder key **2609 00** or the passive transponder card **2611 00**is held in front of the transponder reader at a distance of typically 6 cm, the near-field relay is activated for the set period (e.g. for switching the outside light).
- **Note:** If the transponder reader is used in a metallic environment, the far-field range of typically 1.50 m will be considerably reduced depending on the area of use (for use in energy profiles typically 0.9 m, for use in Profile 55 typically 0.6 m).
- Activation input for activation and deactivation of the transponder reader, e.g. in conjunction with induction loops.
- Keyless In devices can be connected to the Gira HomeServer using the DCS-IP-gateway, which makes intelligent links possible. In this way, e. g. temporary or one-time access authorisation can be easily granted. All data including access authorisation can be managed centrally and flexibly using the Gira HomeServer. Keyless In devices from Index 03 and the HomeServer Expert from Version 2.6 are required for these function expansions.

Inputs and outputs

- Activation input
- Switching contact: 2 relays with zero-voltage two-way switch contacts, load capacity 24 V/1.6 A AC/DC.
- Adapter cable for connection to system bus of Gira door communication system
- 2 power supply connections

Protection type:	IP 20 (TX_44 = IP 44)
Power supply:	24 V DC ±10% (power supply **1296 00**)
Temperature range:	-20 °C to +55 °C
Resistance to EMD:	up to 16 kV

Programming Card 2608 00 → Page 385.
Active transponder key 2609 00 → Page 385.
Transponder card 2611 00 → Page 385.

Flush-mounted door station 1260 .., 1261 .. → Page 352.
Control devices 1287 00, 1288 00, Additional power supply 1296 00 → Page 374.

For integration in Gira F100:
Intermediate plate 55 x 55 mm 0289 .. → Page 209.
For integration in Stainless Steel Series 20, Series 21:
Intermediate plate 55 x 55 mm 0289 20 → Page 168.

Integration in a modular function profile → Page 245.
Integration in Profile 55 → Page 240.

i 30

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Keyless In programming card

orange	**2608 00**	1	10

Programming card for commissioning and reprogramming the Keyless In transponder reader. One programming card is **mandatory** per building. Master PIN number provided on included sealed security card if programming card is lost.

Protection type: IP 54
Dimensions: W x H 86 x 54 mm

Keyless In transponder reader 2606 .. → Page 384.



Keyless In active transponder key

black	**2609 00**	1	10

Active transponder key for conveniently opening the door in conjunction with the Keyless In transponder reader. The active transponder key can remain in the user's pocket; door opening is automatically controlled when the door is approached. In addition, a passive transponder technology with a reading distance of approx. 6 cm (specification of reading distance for credit-card sized ID cards) is integrated. Each transponder key has its own code, and is therefore unique.

Battery: 1 x Lithium round cell (CR 2032) (batteries included in the scope of supply are consumables and must be replaced regularly)
Protection type: IP 54
Dimensions: W x H x D 36 x 53 x 15 mm

Keyless In transponder reader 2606 .. → Page 384.



Keyless In transponder card

black/silver	**2611 00**	1	18

Passive transponder card (credit card format) for conveniently opening the door in conjunction with the Keyless In transponder reader. In contrast to the transponder key, immediate proximity to the transponder reader is required with the transponder card. Passive transponder technology according to the HITAG 2 standard with a reading distance of approx. 6 cm. Each passive transponder card has its own code and is therefore unique.

Dimensions: W x H 86 x 54 mm

Keyless In transponder reader 2606 .. → Page 384.

Home entertainment, media presentation, data transfer and much more: Gira provides digital and analogue interfaces for all common multimedia and network applications. Because of their integration in the Gira switch ranges, all connections can be installed to match the design of the entire electrical installation, both in private buildings and commercial properties.

Over 70 components
The product range includes connections for HDMI, VGA, cinch audio, USB, RJ 45, SAT, loudspeaker cables and more. Both individual interfaces and combination inserts with a variety of connections are available. Many of the functions are available in three models for various connection types: with solder termination, gender changer or breakout cable. In addition, there is an insert with a U-shaped bracket for attaching laptop security locks and a hinged cover.

Advantages
All common multimedia and network interfaces

Many combination inserts with various interfaces

Great design diversity because of integration in Gira switch ranges

Design can be selected during a later construction phase

Simple installation system with plug-in principle

Many interfaces available with choice of solder termination, gender changer or breakout cable

Gold-plated audio and video connections


4


5


6


7

New. Gira data and communication connection technology

The right connection for any system –
in the style of the switch range

Gira data and communication connection technology

Integration matrix	389
Mounting frames	392
Inserts	392
Data cap inserts	398
Telecommunication	400
Data technology	400
TV/multimedia	403
Acoustics	403
Powerline Communication	404

Matching top units and cover frames can be found in the chapter of the corresponding switch ranges.

4
WBT – 0710 Cu nextgen™
Gira E2, pure white glossy

5
4 × modular jack RJ45 Cat. 6A
Gira E2, pure white glossy

6
DVI
Gira E2, pure white glossy

7
2 × HDMI™ HIGH SPEED
with Ethernet
Gira E2, pure white glossy

8
USB 3.0 type A + cinch audio
Gira E2, pure white glossy

9
VGA + cinch audio
with hinged cover
Gira E2, pure white glossy

10
2-gang combination
push switch/"British Standard"
socket outlet can be switched off,
Gira E2, pure white glossy



8



9



10

Simple installation
An installation system with plug-in principle ensures fast, safe, simple installation. Because of the separation of function and cover frames, the flush-mounted units can be installed first if desired. The desired design can then be selected during a later construction phase.

Three connection types
Selected interfaces are available in three models for various connection types: with solder termination, breakout cable or gender changer. In this way, both ready-to-connect and self-made cables can be used. For example, this is a particular advantage for difficult installation conditions or when the required plug connectors don't fit through the existing empty pipes.

Simple installation 1. Screw function insert into the flush-mounted box 2. Position design frame 3. Attach mounting frame to fix the design frame	 1. 2. 3.
Three connection types 1 Solder termination 2 Breakout cable 3 Gender changer	 1 2 3

Overview of the integration of Modular Jack RJ 45 pin jacks in the Gira switch ranges

Manufacturer/supplier	Designation	Insert	Order No.
3M-Qaunte	Volition Cat. 6A PL 180 connection module Type No.: 05-753-21200 Volition K6 connection module STP, Individually Shielded Type No.: 43096-746 00 DRIE M JACK UTP 5E WT ZK8	MJ-01	5601 00
AMP/TE Connectivity Ltd	SL JACK FTP 5E 1375189-1 SL JACK UTP 5E 1375191-2 SL JACK UTP 6 1375055-2 Toolless, Cat. 3 RJ11 Jack - 1116603-2 Toolless, Cat. 5E RJ45 Jack - 1116604-2 Toolless, Cat. 5E RJ45 Shielded Jack - 1339015-1 Cat. 6 SL Jack 568A/B Shielded - 1375188-1 Cat. 6 SL 110 Jack 568A/B, ALMOND - 1375055-1 AMP-TWIST Cat. 6_AS SL Jack - 1711160-1 with Dust Cover, Rear Exit AMP-TWIST Cat. 6S SL Jack - 1711342-1 Rear Exit AMP-TWIST Cat. 6_AS SL Jack - 1711592-1 with Dust Cover AMP-TWIST Cat. 6_AS SL Jack - 1711716-1 AMP-TWIST Cat. 6_AS SL Jack DS12	MJ-03	5603 00
AT & T	M11 B/C T568 B	MJ-05	5605 00
AVAYA	MPS100E RJ45 Cat. 5e module	MJ-05	5605 00
Brandrex	CAT6 Tool-free Jack UTP568 (A/B Wired) Art. No.: C6CJAKU002 CAT6 Tool-free Jack UTP568 (A/B Wired) Art. No.: C6CJAKU002	MJ-02	5602 00
BTR	130 B22-E C6A module K270° 130 B22-E C6A module K180°	MJ-02	5602 00
	BTR UAEMODUL 8(8) AANSL.	MJ-04	5604 00
Cobinet	RJ45 pin jack CobiDat KS TPS 500 Cat. 6A Art. No.: 6920 4050	MJ-03	5603 00
Corning	S500 Keystone. Cat. 6A, CAXBSM-00104-C001 with dust protection S500 Keystone. Cat. 6A, CAXASM-00104-C001 with dust protection	MJ-08	5608 00
Commscope (Gigaspeed, Powersom)	HGS620 RJ45 Cat. 6A module Art. No.: 760152801	MJ-04	5604 00
	MGS500-262 RJ45 Cat. 6A module Art. No.: 760023614 MGS600-262 RJ45 Cat. 6A module Art. No.: 760092429 MGS600-246 RJ45 Cat. 6A module Art. No.: 760092411 Commscope UNJ600 RJ45 Cat. 6 module Commscope UNJ500 RJ45 Cat. 5e module Commscope FDP-J5E RJ45 Cat. 5e module	MJ-05	5605 00
Dätwyler	unilan® Module PS-GG45 7A 1000 MHz 4P Two-in-One shielded- 400 102 unilan® Module PS-GG45 7A 1000 MHz 4P Two-in-One shielded, for flexible leads - 400 103	MJ-08*	5608 00
	unilan RJ45 Module MS-K Plus 1/8 Cat. 6_A (IEC) - 440 004 unilan RJ45 Module KS-T Plus 1/8 Cat. 6_A (IEC) - 418 061	MJ-04	5604 00
	unilan® Module KS-T 6A 1/8 Toolless Cat. 6A/EA shielded - 418 060 unilan® Module KS-T 1/8 Toolless Cat. 6/EA shielded - 418 053 unilan® Module KS-T5 1/8 Toolless Cat. 5e shielded - 418 055	MJ-08	5608 00
	unilan® RJ45 Module KU-T 1/8 Cat. 5e, unshielded Toolless - 418 072/073 unilan® RJ45 Module KU-T 1/8 Cat. 6, unshielded Toolless- 418 070/071	MJ-04	5604 00
DIGITUS	DIGITUS Professional Cat. 6A Shielded - EIA/TIA 568 A + B Keystone Cat. 6 Art. No.: DN-93614 Cat. 6A Shielded, Re-Embedded Art. No.: DN-93615	MJ-04	5604 00
EasyLan	preLink RJ45 Keystone Cat. 6A Art. No.: CKPAO100	MJ-04	5604 00
ECOLAN	ECOLAN Cat. 6A Keystone housing (Delta) Art. No.: 99106036	MJ-04	5604 00
eLANTIX (Ficonet)	RJ45 Cat. 6A 10G module Art. No.: EX-MJC6AS	MJ-04	5604 00
eku Kabel & Systeme GmbH & Co. KG	E-Stone Pro module Cat. 6A Art. No.: t66850990	MJ-04	5604 00
Harting	preLink RJ45 Keystone Cat. 6 Art. No.: 20825000001	MJ-04	5604 00

Overview of the integration of Modular Jack RJ 45 pin jacks in the Gira switch ranges

Manufacturer/supplier	Designation	Insert	Order No.
Leoni Kerpen	MegaLine Connect 45	MJ-04	5604 00
	GG 45 I06 BVSK and I11 BWSK	MJ-08*	5608 00
Legrand	LEGR Cat. 5E UTP KEYSTONE LEGR Cat. 6 UTP KEYSTONE	MJ-09	5609 00
Lucent	MPS100 B/C (22DAS/A92/831/0051)	MJ-05	5605 00
Nexans	LANmark7 GG45 snap in pin jack (Cat. 7) - N420.730 LANmark7 GG45 snap in pin jack for flexible leads (Cat. 7) - N420.731 LANmark-7A GG45 12C snap in pin jack Cat. 7A 1000MHz shielded - N420.735 LANmark-7A GG45 12C snap in pin jack Cat. 7A 1000MHz shielded for flexible leads - N420.736	MJ-08*	5608 00
	LANmark-6_A snap in pin jack Cat. 6A 500MHz, shielded - N420.66A LANmark-6_A snap in pin jack Cat. 6A 500MHz, shielded, for flexible leads- N420.67A LANmark-6 10G EVO snap in pin jack, shielded - N420.666G LANmark-6 10G EVO snap in pin jack, shielded, for flexible leads- N420.667G LANmark-6 EVO RJ45 snap in pin jack, shielded, for AWG 24/1 - 22/1 - N420.666 LANmark-6 EVO RJ45 snap in pin jack, shielded, for flexible leads AWG 26/7 - N420.667 LANmark-6 EVO RJ45 snap in pin jack, unshielded, for AWG 24/1 - 22/1 - N420.660 LANmark-6 EVO RJ45 snap in pin jack, unshielded, for flexible leads AWG 26/7 - N420.661 LANmark-5 EVO snap in pin jack, shielded, for AWG 24/1 - 22/1 - N420.555 LANmark-5 EVO snap in pin jack, shielded, for flexible leads AWG 26/7 - N420.556 LANmark-5 EVO snap in pin jack, unshielded, for AWG 24/1 - 23/1 - N420.550 LANmark-5 EVO snap in pin jack, unshielded, for AWG 27/7 - 26/7 - N420.551	MJ-03*	5603 00
Panduit	PAN CJ 5E LEAD FRAME IV. WIT PAN CJ 5E LEAD FRAME WIT PAN CJ 5E LEAD FRAME ZWART	MJ-06	5606 00
	PAN CJ STP 6 TX PAN CJ STP 6A 10G TG	MJ-10	5610 00
	PAN CJ UTP 5E IWIT PAN CJ UTP 5E TG IWIT PAN CJ UTP 5E TG WT PAN CJ UTP 5E TG ZW PAN CJ UTP 5E WIT PAN CJ UTP 5E WT PAN CJ UTP 5E ZW PAN CJ UTP 6 IWIT PAN CJ UTP 6 TX WIT PAN CJ UTP 6 TX aWT PAN CJ UTP 6 WIT PAN CJ UTP 6 ZWART PAN CJ UTP 6 ZWART PAN CJ UTP C6A 10G ZWART	MJ-06	5606 00
	PAN KJ UTP 5 WIT PAN KJ UTP 5 ZWART PAN KJ UTP 5E WIT PAN KJ UTP 5E IVOORWIT PAN KJ UTP 6 WIT PAN KJ UTP 6 ZWART	MJ-02	5602 00

* Requires Keystone Clip - N429.620

Continued on next page

Overview of the integration of Modular Jack RJ 45 pin jacks in the Gira switch ranges

Manufacturer/supplier	Designation	Insert	Order No.
Radiall	Toolless Jack Cat.6A Art. No.: R280MOD810 shield UTP Toolless Jack Cat. 6A Art. No.: R280MOD830 unshield STP Toolless Jack Cat. 6A Art. No.: R280MOD831 KJ15 Series Toolless Jack Cat. 6 Art. No.: R280MOD800 Toolless Jack Cat. 5e Art. No.: R280MOD807 Toolless Jack Cat. 6 Art. No.: R280MOD803A RADI MJ STP 6A RADI MJ UTP 5 RADI MJ UTP 6 RADI MJ UTP 6	MJ-04	5604 00
RDUN (Reinland Daten- und Netzwerktechnik oHG)	RJ45 Module shielded Cat. 6A/EA Art. No.: 90254311500	MJ-04	5604 00
R&M	RJ45 Cat. 6A ISO connection module, unshielded, with Keystone adapter R No. R509508 RJ45 Cat. 6A ISO connection module, shielded, with Keystone adapter R No. R509509	MJ-07	5607 00
Rutenbeck	UM-real.Cat. 6 U A 13700300 UM Cat. 6A ISO A 13900304	MJ-04	5604 00
Setec	XKJ RJ45, Category 6/6A, shielded Art. No.: 501378 and 501379 UKJ RJ45, Category 6, shielded Art. No.: 501292	MJ-04	5604 00
Systimax	Systimax 360 ™ 10G MGS 600 RJ45 Cat. 6A Module Systimax MGS 400 RJ45 Cat. 6 Gigaspeed Systimax M1BH-H RJ45 Cat. 3 Module Systimax M1AH RJ45 M-Series UTP USOC	MJ-05	5605 00
Telegärtner	AMJ Module K Cat. 6A T568A AMJ Module K Cat. 6A T568A	MJ-02	5602 00
TKM	RJ-MOD - Cat. 6, shielded RJ-MOD - Cat. 6A	MJ-04	5604 00

Mounting frame



Mounting frame

	Order no.	Packing unit	PS
System 55			
cream white glossy	**2648 01**	5/25	01
pure white glossy	**2648 03**	5/25	01
Matt black	**2648 10**	5/25	01
E22			
Matt black	**2648 20**	5/25	11
pure white glossy	**2648 03**	5/25	01
Gira F100			
cream white glossy	**2648 111**	5	01
pure white glossy	**2648 112**	5	01

New. Available starting February 2013.

Suitable for multimedia inserts 5630 .., 5631 .., 5632 .., 5633 .., 5634 .., 5635 .., 5636 .., 5637 .., 5638 .., 5639 .., 5640 .., 5641 .., 5642 .., 5643 .., 5644 .., 5645 .., 5646 .., 5647 .., 5648 .., 5649 .., 5650 .., 5651 .., 5652 .., 5653 .., 5654 .., 5655 .., 5656 .., 5657 .., 5658 .., 5659 .., 5660 .., 5661 .., 5662 .., 5663 .., 5664 .., 5665 .., 5666 .., 5667 .., 5668 .., 5669 .., 5670 .., 5671 .., 5672 .., 5673 .., 5674 .., 5675 .., 5676 .., 5677 .., 5678 .., 5679 .., 5680 .., 5681 .., 5682 .., 5683 .., 5684 .., 5685 .., 5686 .., 5687 .., 5688 .., 5689 .., 5690 .., 5691 .., 5692 .., 5693 .., 5694 .., 5695 .., 5696 .., 5697 .., 5698 .., 5699 ..



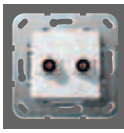
Mounting frame with hinged cover

	Order no.	Packing unit	PS
System 55			
cream white glossy	**2658 01**	1	01
pure white glossy	**2658 03**	1	01
pure white matt	**2658 27**	1	01
anthracite	**2658 28**	1	11
colour aluminium	**2658 26**	1	11
E22			
Stainless Steel	**2658 20**	1	11
Aluminium	**2658 203**	1	01
pure white glossy	**2658 03**	1	01
Gira F100			
cream white glossy	**2658 111**	1	01
pure white glossy	**2658 112**	1	01

New. Available starting March 2013.

Suitable for multimedia inserts 5631 .., 5632 .., 5633 .., 5634 .., 5635 .., 5636 .., 5637 .., 5638 .., 5639 .., 5640 .., 5641 .., 5642 .., 5643 .., 5644 .., 5645 .., 5646 .., 5647 .., 5648 .., 5649 .., 5650 .., 5651 .., 5652 .., 5653 .., 5654 .., 5655 .., 5656 .., 5657 .., 5658 .., 5659 .., 5660 .., 5661 .., 5662 .., 5663 .., 5664 .., 5667 .., 5669 .., 5670 .., 5671 .., 5672 .., 5673 .., 5674 .., 5675 .., 5676 .., 5677 .., 5678 .., 5679 .., 5680 .., 5681 .., 5682 .., 5683 .., 5684 .., 5685 .., 5686 .., 5687 .., 5688 .., 5689 .., 5690 .., 5691 .., 5692 .., 5693 .., 5694 .., 5695 .., 5696 .., 5697 .., 5698 .., 5699 ..

Data and communication connection technology



BNC insert, 2-gang

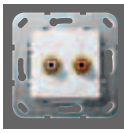
	Order no.	Packing unit	PS
Crimp connection			
cream white glossy	**5630 01**	1	01
pure white glossy	**5630 03**	1	01
Matt black	**5630 10**	1	01

New. Available starting February 2013.

For screw attachment only.

Mounting frame 2648 .. → Page 392.

i 12



Cinch audio insert

	Order no.	Packing unit	PS
Solder termination			
cream white glossy	**5632 01**	1	01
pure white glossy	**5632 03**	1	01
Matt black	**5632 10**	1	01
Gender changer			
cream white glossy	**5631 01**	1	01
pure white glossy	**5631 03**	1	01
Matt black	**5631 10**	1	01
Breakout cable			
cream white glossy	**5633 01**	1	01
pure white glossy	**5633 03**	1	01
Matt black	**5633 10**	1	01

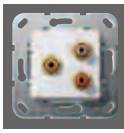
New. Available starting February 2013.

For screw attachment only.

Mounting frame 2648 .. → Page 392.

Mounting frame with hinged cover 2658 .. → Page 392.

i 12



Cinch audio and mini jack 3.5 mm insert

	Order no.	Packing unit	PS
Gender changer			
cream white glossy	**5634 01**	1	01
pure white glossy	**5634 03**	1	01
Matt black	**5634 10**	1	01
Breakout cable			
cream white glossy	**5635 01**	1	01
pure white glossy	**5635 03**	1	01
Matt black	**5635 10**	1	01

New. Available starting February 2013.

For screw attachment only.

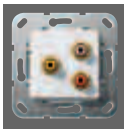
Mounting frame 2648 .. → Page 392.

Mounting frame with hinged cover 2658 .. → Page 392.

i 12

The delivery results subject to countries specific assortments.

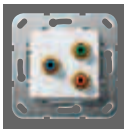
	Order no.	Packing unit	PS



Cinch audio and composite video insert

Solder termination			
cream white glossy	**5638 01**	1	01
pure white glossy	**5638 03**	1	01
Matt black	**5638 10**	1	01
Gender changer			
cream white glossy	**5636 01**	1	01
pure white glossy	**5636 03**	1	01
Matt black	**5636 10**	1	01
Breakout cable			
cream white glossy	**5637 01**	1	01
pure white glossy	**5637 03**	1	01
Matt black	**5637 10**	1	01

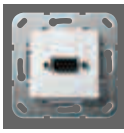
New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 392.
Mounting frame with hinged cover 2658 .. → Page 392.
i 12



Component video insert

Solder termination			
cream white glossy	**5641 01**	1	01
pure white glossy	**5641 03**	1	01
Matt black	**5641 10**	1	01
Gender changer			
cream white glossy	**5639 01**	1	01
pure white glossy	**5639 03**	1	01
Matt black	**5639 10**	1	01
Breakout cable			
cream white glossy	**5640 01**	1	01
pure white glossy	**5640 03**	1	01
Matt black	**5640 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 392.
Mounting frame with hinged cover 2658 .. → Page 392.
i 12

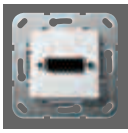


Sub D 9-pole insert

Solder termination			
cream white glossy	**5642 01**	1	01
pure white glossy	**5642 03**	1	01
Matt black	**5642 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 392.
Mounting frame with hinged cover 2658 .. → Page 392.
i 12

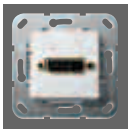
	Order no.	Packing unit	PS



Sub D 15-pole insert

Solder termination			
cream white glossy	**5643 01**	1	01
pure white glossy	**5643 03**	1	01
Matt black	**5643 10**	1	01

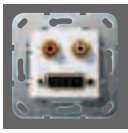
New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 392.
Mounting frame with hinged cover 2658 .. → Page 392.
i 12



DVI (24+5) insert

Gender changer			
cream white glossy	**5644 01**	1	01
pure white glossy	**5644 03**	1	01
Matt black	**5644 10**	1	01
Breakout cable			
cream white glossy	**5645 01**	1	01
pure white glossy	**5645 03**	1	01
Matt black	**5645 10**	1	01

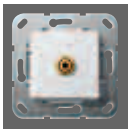
New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 392.
Mounting frame with hinged cover 2658 .. → Page 392.
i 12



Cinch audio and DVI (24+5) insert

Gender changer			
cream white glossy	**5646 01**	1	01
pure white glossy	**5646 03**	1	01
Matt black	**5646 10**	1	01
Breakout cable			
cream white glossy	**5647 01**	1	01
pure white glossy	**5647 03**	1	01
Matt black	**5647 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 392.
Mounting frame with hinged cover 2658 .. → Page 392.
i 12

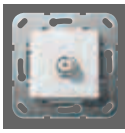


Mini jack 3.5 mm insert

Gender changer			
cream white glossy	**5648 01**	1	01
pure white glossy	**5648 03**	1	01
Matt black	**5648 10**	1	01
Breakout cable			
cream white glossy	**5649 01**	1	01
pure white glossy	**5649 03**	1	01
Matt black	**5649 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 392.
Mounting frame with hinged cover 2658 .. → Page 392.
i 12

	Order no.	Packing unit	PS

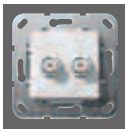


SAT F pin jack insert

Gender changer			
cream white glossy	**5650 01**	1	01
pure white glossy	**5650 03**	1	01
Matt black	**5650 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 392.
Mounting frame with hinged cover 2658 .. → Page 392.

i 12

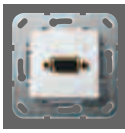


SAT F pin jack insert, 2-gang

Gender changer			
cream white glossy	**5651 01**	1	01
pure white glossy	**5651 03**	1	01
Matt black	**5651 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 392.
Mounting frame with hinged cover 2658 .. → Page 392.

i 12

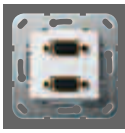


VGA insert

Gender changer			
cream white glossy	**5652 01**	1	01
pure white glossy	**5652 03**	1	01
Matt black	**5652 10**	1	01
Breakout cable			
cream white glossy	**5653 01**	1	01
pure white glossy	**5653 03**	1	01
Matt black	**5653 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 392.
Mounting frame with hinged cover 2658 .. → Page 392.

i 12



VGA insert, 2-gang

Gender changer			
cream white glossy	**5654 01**	1	01
pure white glossy	**5654 03**	1	01
Matt black	**5654 10**	1	01
Breakout cable			
cream white glossy	**5655 01**	1	01
pure white glossy	**5655 03**	1	01
Matt black	**5655 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 392.
Mounting frame with hinged cover 2658 .. → Page 392.

i 12

	Order no.	Packing unit	PS

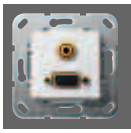


Cinch audio and VGA insert

Gender changer			
cream white glossy	**5656 01**	1	01
pure white glossy	**5656 03**	1	01
Matt black	**5656 10**	1	01
Breakout cable			
cream white glossy	**5657 01**	1	01
pure white glossy	**5657 03**	1	01
Matt black	**5657 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 392.
Mounting frame with hinged cover 2658 .. → Page 392.

i 12

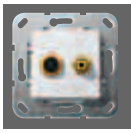


VGA and mini jack 3.5 mm insert

VGA coupler, breakout cable mini jack			
cream white glossy	**5658 01**	1	01
pure white glossy	**5658 03**	1	01
Matt black	**5658 10**	1	01
Breakout cable			
cream white glossy	**5659 01**	1	01
pure white glossy	**5659 03**	1	01
Matt black	**5659 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 392.
Mounting frame with hinged cover 2658 .. → Page 392.

i 12

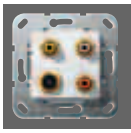


Composite video and S-video insert

Breakout cable			
cream white glossy	**5660 01**	1	01
pure white glossy	**5660 03**	1	01
Matt black	**5660 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 392.
Mounting frame with hinged cover 2658 .. → Page 392.

i 12



Cinch audio, composite video and S-video insert

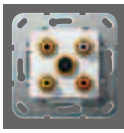
Gender changer			
cream white glossy	**5661 01**	1	01
pure white glossy	**5661 03**	1	01
Matt black	**5661 10**	1	01
Breakout cable			
cream white glossy	**5662 01**	1	01
pure white glossy	**5662 03**	1	01
Matt black	**5662 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 392.
Mounting frame with hinged cover 2658 .. → Page 392.

i 12

The delivery results subject to countries specific assortments.

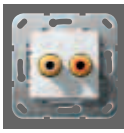
	Order no.	Packing unit	PS



Cinch audio, composite video, S-video and mini jack 3.5 mm insert

Gender changer			
cream white glossy	**5663 01**	1	01
pure white glossy	**5663 03**	1	01
Matt black	**5663 10**	1	01
Breakout cable			
cream white glossy	**5664 01**	1	01
pure white glossy	**5664 03**	1	01
Matt black	**5664 10**	1	01

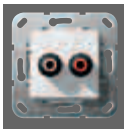
New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 392.
Mounting frame with hinged cover 2658 .. → Page 392.
i 12



WBT-0710 Cu nextgen™ insert

Cable lug			
cream white glossy	**5665 01**	1	01
pure white glossy	**5665 03**	1	01
Matt black	**5665 10**	1	01

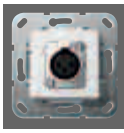
New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 392.
i 12



WBT-0708 Cu nextgen™ insert

Cable lug			
cream white glossy	**5666 01**	1	01
pure white glossy	**5666 03**	1	01
Matt black	**5666 10**	1	01

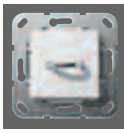
New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 392.
i 12



XLR pin jack, D series insert

Solder termination			
cream white glossy	**5667 01**	1	01
pure white glossy	**5667 03**	1	01
Matt black	**5667 10**	1	01

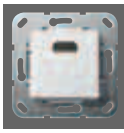
New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 392.
Mounting frame with hinged cover 2658 .. → Page 392.
i 12



Insert for fastening laptop security locks

cream white glossy	**5668 01**	1	01
pure white glossy	**5668 03**	1	01
Matt black	**5668 10**	1	01

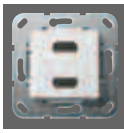
New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 392.



HDMI™ insert „High-speed with ethernet“

Gender changer			
cream white glossy	**5669 01**	1	01
pure white glossy	**5669 03**	1	01
Matt black	**5669 10**	1	01
Breakout cable			
cream white glossy	**5670 01**	1	01
pure white glossy	**5670 03**	1	01
Matt black	**5670 10**	1	01

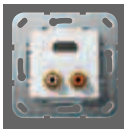
New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 392.
Mounting frame with hinged cover 2658 .. → Page 392.
i 12



HDMI™ insert „High-speed with ethernet“ 2-gang

Gender changer			
cream white glossy	**5671 01**	1	01
pure white glossy	**5671 03**	1	01
Matt black	**5671 10**	1	01
Breakout cable			
cream white glossy	**5672 01**	1	01
pure white glossy	**5672 03**	1	01
Matt black	**5672 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 392.
Mounting frame with hinged cover 2658 .. → Page 392.
i 12

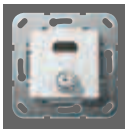


Cinch audio and HDMI™ insert „High-speed with ethernet“

Gender changer			
cream white glossy	**5673 01**	1	01
pure white glossy	**5673 03**	1	01
Matt black	**5673 10**	1	01
Breakout cable			
cream white glossy	**5674 01**	1	01
pure white glossy	**5674 03**	1	01
Matt black	**5674 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 392.
Mounting frame with hinged cover 2658 .. → Page 392.
i 12

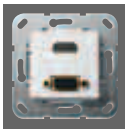
	Order no.	Packing unit	PS



HDMI™ insert „High-speed with ethernet“ and SAT F pin jack

Gender changer			
cream white glossy	**5675 01**	1	01
pure white glossy	**5675 03**	1	01
Matt black	**5675 10**	1	01

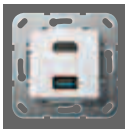
New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 392.
Mounting frame with hinged cover 2658 .. → Page 392.
i 12



HDMI™ insert „High-speed with ethernet“ and VGA

Gender changer			
cream white glossy	**5676 01**	1	01
pure white glossy	**5676 03**	1	01
Matt black	**5676 10**	1	01
Breakout cable			
cream white glossy	**5677 01**	1	01
pure white glossy	**5677 03**	1	01
Matt black	**5677 10**	1	01

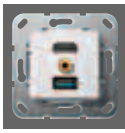
New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 392.
Mounting frame with hinged cover 2658 .. → Page 392.
i 12



HDMI™ insert „High-speed with ethernet“ and USB 3.0 type A

Gender changer			
cream white glossy	**5678 01**	1	01
pure white glossy	**5678 03**	1	01
Matt black	**5678 10**	1	01
Breakout cable			
cream white glossy	**5679 01**	1	01
pure white glossy	**5679 03**	1	01
Matt black	**5679 10**	1	01

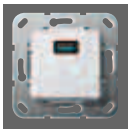
New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 392.
Mounting frame with hinged cover 2658 .. → Page 392.
i 12



HDMI™ insert „High-speed with ethernet“, USB 3.0 type A and mini jack 3.5 mm

HDMI+USB coupler, breakout cable mini jack			
cream white glossy	**5680 01**	1	01
pure white glossy	**5680 03**	1	01
Matt black	**5680 10**	1	01
Breakout cable			
cream white glossy	**5681 01**	1	01
pure white glossy	**5681 03**	1	01
Matt black	**5681 10**	1	01

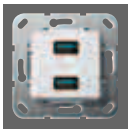
New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 392.
Mounting frame with hinged cover 2658 .. → Page 392.
i 12



USB 3.0 type A insert

Gender changer			
cream white glossy	**5682 01**	1	01
pure white glossy	**5682 03**	1	01
Matt black	**5682 10**	1	01
Breakout cable			
cream white glossy	**5683 01**	1	01
pure white glossy	**5683 03**	1	01
Matt black	**5683 10**	1	01

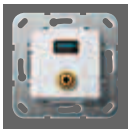
New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 392.
Mounting frame with hinged cover 2658 .. → Page 392.
i 12



USB 3.0 type A insert, 2-gang

Gender changer			
cream white glossy	**5684 01**	1	01
pure white glossy	**5684 03**	1	01
Matt black	**5684 10**	1	01
Breakout cable			
cream white glossy	**5685 01**	1	01
pure white glossy	**5685 03**	1	01
Matt black	**5685 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 392.
Mounting frame with hinged cover 2658 .. → Page 392.
i 12



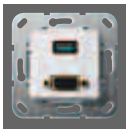
USB 3.0 type A insert and mini jack 3.5 mm insert

USB coupler, breakout cable mini jack			
cream white glossy	**5686 01**	1	01
pure white glossy	**5686 03**	1	01
Matt black	**5686 10**	1	01
Breakout cable			
cream white glossy	**5687 01**	1	01
pure white glossy	**5687 03**	1	01
Matt black	**5687 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 392.
Mounting frame with hinged cover 2658 .. → Page 392.
i 12

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



VGA and USB 3.0 type A insert

Gender changer			
cream white glossy	**5688 01**	1	01
pure white glossy	**5688 03**	1	01
Matt black	**5688 10**	1	01
Breakout cable			
cream white glossy	**5689 01**	1	01
pure white glossy	**5689 03**	1	01
Matt black	**5689 10**	1	01

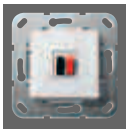
New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 392.
Mounting frame with hinged cover 2658 .. → Page 392.
i 12



Cinch audio and USB 3.0 type A insert

Gender changer			
cream white glossy	**5690 01**	1	01
pure white glossy	**5690 03**	1	01
Matt black	**5690 10**	1	01
Breakout cable			
cream white glossy	**5691 01**	1	01
pure white glossy	**5691 03**	1	01
Matt black	**5691 10**	1	01

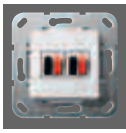
New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 392.
Mounting frame with hinged cover 2658 .. → Page 392.
i 12



Loudspeaker connection insert 1-gang

cream white glossy	**5692 01**	1	01
pure white glossy	**5692 03**	1	01
Matt black	**5692 10**	1	01

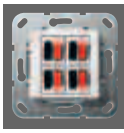
New. Available starting February 2013.
For screw attachment only. Connection on the front using plug terminals, marked red/black. Connection on the black using screw terminals.
Mounting frame 2648 .. → Page 392.
Mounting frame with hinged cover 2658 .. → Page 392.
i 12



Loudspeaker connection insert 2-gang

cream white glossy	**5693 01**	1	01
pure white glossy	**5693 03**	1	01
Matt black	**5693 10**	1	01

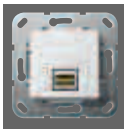
New. Available starting February 2013.
For screw attachment only. Connection on the front using plug terminals, marked red/black. Connection on the black using screw terminals.
Mounting frame 2648 .. → Page 392.
Mounting frame with hinged cover 2658 .. → Page 392.
i 12



Loudspeaker connection insert 4-gang

cream white glossy	**5694 01**	1	01
pure white glossy	**5694 03**	1	01
Matt black	**5694 10**	1	01

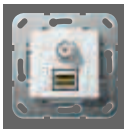
New. Available starting February 2013.
For screw attachment only. Connection on the front using plug terminals, marked red/black. Connection on the black using screw terminals.
Mounting frame 2648 .. → Page 392.
Mounting frame with hinged cover 2658 .. → Page 392.
i 12



Insert for modular jack RJ45 cat. 6A 10 GB ethernet

Gender changer			
cream white glossy	**5695 01**	1	01
pure white glossy	**5695 03**	1	01
Matt black	**5695 10**	1	01
with insulation-displacement connector			
cream white glossy	**5696 01**	1	01
pure white glossy	**5696 03**	1	01
Matt black	**5696 10**	1	01

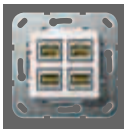
New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 392.
Mounting frame with hinged cover 2658 .. → Page 392.



Insert for modular jack RJ45 cat. 6A 10 GB ethernet and SAT-F pin jack

Gender changer			
cream white glossy	**5697 01**	1	01
pure white glossy	**5697 03**	1	01
Matt black	**5697 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 392.
Mounting frame with hinged cover 2658 .. → Page 392.



Insert for modular jack RJ45 cat. 6A 10 GB ethernet, 4-gang

Gender changer			
cream white glossy	**5698 01**	1	01
pure white glossy	**5698 03**	1	01
Matt black	**5698 10**	1	01
with insulation-displacement connector			
cream white glossy	**5699 01**	1	01
pure white glossy	**5699 03**	1	01
Matt black	**5699 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 .. → Page 392.
Mounting frame with hinged cover 2658 .. → Page 392.

	Order no.	Packing unit	PS

Inserts for Data Caps
Data Caps Order No. 0870 .. and 0262 30.



Insert for
Modular Jack/Western
Technology AMP/Radiall

1-gang	**0052 00**	5/25	01
2-gang[1)]	**0053 00**	5/25	01

Suitable for:
AMP 6-pole Netherlands 216 000 Cat. 3
AMP 8-pole Netherlands 216 005 Cat. 3
Drahtex RJ 45 Jack Cat. 5, 6
3 M Volition optical waveguide duplex
KERPEN LK 5108 Cat. 6
[1)]Second opening can be closed off.
Fits data cap 0870 ...
Pin jacks for Modular Jack 0044 00, 0045 00 → Page 402.
Pin jack for modular jack RJ45 cat. 6_A
5740 00 → Page 402.



Insert for
Modular Jack/Western
Technology AMP

2-gang	**0039 00**	5/25	01

Second opening can be closed off.
Suitable for:
AMP 6-pole 1116603-1 toolless Cat. 3
AMP 8-pole 1116515-1 Cat. 5e, shielded
AMP 8-pole 1116604-1 toolless Cat. 5e, unshielded
AMP 8-pole 1339015-1 toolless Cat. 5e, shielded
AMP 8-pole 1375055-1 SL Cat. 6, unshielded
AMP 8-pole 1375188-1 SL Cat. 6, shielded
Kannegieter BICC Brand Rex snap-in-jacks RJ 45
Krone Inline RJ 45 shielded/unshielded
AMP TWIST-7AS SL jack 8-pole 1711441-1, shielded Cat. 7A
AMP TWIST-7AS SL jack 8-pole 1711437-1, shielded Cat. 7A
AMP TWIST-6S SL jack 8-pole 1711160-1, shielded Cat. 6
AMP TWIST-6S SL jack 8-pole 1711342-1, shielded Cat. 6
AMP TWIST-6AS SL jack 8-pole 1711592-1, shielded Cat. 6_A
AMP TWIST-6AS SL jack 8-pole 1711716-1, shielded Cat. 6_A
AMP LC LWL Duplex Adapter
AMP MT RJ LWL Duplex
Fits data cap 0870 ...



Insert for
Modular Jack/Western
Technik Lucent (AT +T)

2-gang	**0058 00**	5/25	01

Second opening can be closed off.
Suitable for:
2 x AT + T M 100.2 x AT + T M 11 b/C or
2 x AT + T T 568 B
Fits data cap 0870 ...

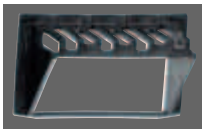
	Order no.	Packing unit	PS



Insert for
IBM freenet 1-gang modules (ACS)
100 Ω cabling cross line/
Reichle de Massari

1-gang	**0047 00**	5/25	01

Suitable for two 1-gang modules:
RJ 45, Cat. 5, Cat. 6 shielded/unshielded,
beam waveguide E 2000 Compact Duplex IBM ACS Fibre,
SC Compact Duplex
Only suitable for horizontal installation.
Fits data cap 0870 ...



Insert for
Telegärtner OCS system

	0088 00	5/25	01

Suitable for:
OCS open cabling system / 1-gang, 2-gang and 2 x 1-gang modules.
Only suitable for outlet inclined at 30°.
Fits data cap 0870 ...



Insert for
Thomas & Betts system (Nevada
Western Structured Wiring System/
IBM ACS Mini-C/600 MHz)

	0064 00	5/25	01

Second opening can be closed off.
Nevada Western Structured Wiring System:
With separate O.M.N.I. mounting clip (Thomas & Betts
Art. No. 025-1099-1BK or IBM Art. No. 58 G 6873) suitable for:
Standard IDC jacks
· 009-6-741F-803E, RJ 45, uncoded
· 009-6-747F-803E, RJ 45, coded
Cat. 5 jacks (shielded)
· T&B No. 009-SH-747-C5
· IBM No. 59G 1080/ACS
Functional IDC jacks
· 009-6-741L-8, RJ 45 or
009-6-741SB-8, RJ 45
BNC coaxial connectors
· 005-900-00-00, 005-900-00-20, 005-900-20-00 or 009-7-720-3
BNC in-line coupler
· 005-907-04-00 or 009-7-720-7
Fibre optic couplers
· 005-706-00-02, 009-7-721-1, 005-765-01-10 or 009-7-721-2

IBM ACS Mini-C/600 MHz:
With separate Mini-C clips 51 H 7903 (black), 51 H 7904 (white) and
51 H 7961 (creme white), suitable for the various Mini-C components
from Thomas & Betts or IBM.
Fits data cap 0870 ...



Insert for
AMP (ACO) (communications outlet)

	0059 00	5/25	01

Only fits in cover plate **0870 ...**
Only suitable for outlet inclined at 30°. Suitable in combination with
AMP/ACO inclined-installation housing, Part No. 1394582-1, also for
category 6, 600 MHz, 622 Mbit/s, class E -DIN 44312-5.
Fits data cap 0870 ...

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Insert for ST beam waveguide 2.5 mm

	0732 00	5/25	01

Suitable for:
Telegärtner/T-ST coupler Part No. J 08011 A 0002, AMP / 501 381-1 REVB 9415 /bayonet connection technology, AMP etc.
Fits data cap 0870 ...

i 11



Insert for beam waveguide/SC duplex coupler

2-gang	**0089 00**	5/25	01

Suitable for:
Telegärtner/T-SC-Duplex coupler Part No. J 08081 A 0002,
Telegärtner/ST-SC-Duplex adapter Part No. J 08082 A 0003,
Telegärtner/ST-SC-Duplex adapter Part No. J 08082 A 0002,
AMP/SC feed-through coupler AMP Part No. Y-5502776-X,
AMP/SC-ST feed-through coupler AMP Part No. Y-5503137-X,
AMP etc.,
Amphenol.
Fits data cap 0870 ...

i 11



Insert for D-sub-miniature

	0050 00	5/25	01

Second opening can be closed off.
Fits data cap 0870 ...
Plugs 0021 00, 0022 00, 0023 00 → Page 402.

i 11



Insert for two XLR circular connectors, D series, Speakon series NL 4 MP (Neutrik)

	0055 00	5/125	01

Second opening can be cut out.
Fits data cap 0870 ...
XLR circular connector, D series flange pin jack 0036 00 → Page 403.
XLR circular connector, D series flange plug 0037 00 → Page 403.

i 11



Insert for two XLR circular connectors, C series (Neutrik)

	0092 00	5	01

Second opening can be cut out.
Fits data cap 0870 ...
XLR circular connector, C series flange pin jack 0436 00 → Page 403.
XLR circular connector, C series flange plug 0437 00 → Page 403.

i 11

	Order no.	Packing unit	PS



Insert with high-end loudspeaker connectors WBT (+/-)

	0091 00	5	01

For the professional connection of loudspeaker lines up to max. 10 mm^2 via sub-terminals via screwed nuts or via 4 mm banana plugs.
Material: OFC copper, 24-carat gold plated
Contact resistance: ≤ 0.1 mΩ with terminal attachment
≤ 0.15 mΩ with attachment via standard banana plug
Fits data cap 0870 ...

i 11



Scart/Euro-AV pin jack insert

	0093 00	5/25	01

Fits data cap 0870 ...

i 11



Universal insert including adapter set

	0049 00	1	01

Second opening can be closed off.
Fits data cap 0870 ...

i 11



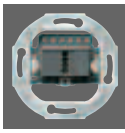
Blank insert

	0048 00	5/25	01

Also available on request with special drilled holes, e.g. Dracod/Draconnect from manufacturer Drahtex, E 2000 Duplex from manufacturer Diamond, FDDI plug connections FSD/RSD.
Fits data cap 0870 ...

i 11

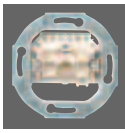
Telecommunication



TAE connection box

	Order no.	Packing unit	PS
TAE 6 F/N (1 telephone or 1 additional device) black	**1100 10**	1/5	01
TAE 2 x 6/6 NFF (2 telephones and 1 additional device) black	**0032 10**	1/5	01
TAE 3 x 6 NFN (1 telephone and 2 additional devices) black	**0033 10**	1/5	01

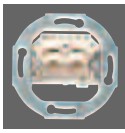
TAE: Suitable for cover plate 0276 .., 0876 ..



UAE/IAE (ISDN) connection box Cat. 3 1-gang, 1 x 8-pole

with screw terminal	**0179 00**	1/5	01
with insulation-displacement connector	**0186 00**	1/5	01

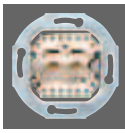
UAE/IAE (ISDN-compliant) RJ 11/12 and RJ 45 8-pole for 6 and 8-pole plugs. 8 contacts and one supporting contact for one terminal.
Suitable for cover plate 0270 .., 0284 ..
In combination with cover plate 0270 .., 0284 .. suitable for covering cap 0682 ...



UAE/IAE (ISDN) connection box Cat. 3 2-gang, 2 x 8-pole

with screw terminal	**0187 00**	1/5	01
with insulation-displacement connector	**0188 00**	1/5	01

UAE/IAE (ISDN-compliant) RJ 11/12 and RJ 45 8-pole for 6 and 8-pole plugs. 8 contacts and one supporting contact for two terminal.
Suitable for cover plate 0270 .., 0284 ..
In combination with cover plate 0270 .., 0284 .. suitable for covering cap 0682 ...

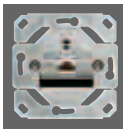


UAE/IAE (ISDN) connection box Cat. 3 2-gang, 2 x 8-pole 8/8 (8/8)

with screw terminal	**0190 00**	1/5	01
with insulation-displacement connector	**0189 00**	1/5	01

UAE/IAE (analogue, 2 phone numbers possible) RJ 11/12 and RJ 45 8/8 (8/8)
2 x 8-pole for 6 and 8-pole plugs.
2 x 8 contacts and one supporting contact for two terminals.
Suitable for cover plate 0270 .., 0284 ..
In combination with cover plate 0270 .., 0284 .. suitable for covering cap 0682 ...

Data systems technology



Network connection box Cat. 6_A, 1-gang

	Order no.	Packing unit	PS
with insulation-displacement connector	**2451 00**	1	01

Fully-shielded network connection box Cat. 6_A with a connection socket RJ45 (8) for data transfer rates up to 10 Gigabit Ethernet in accordance with IEEE 802.3an. 45° angled socket outlet for parapet duct, floor tank und flush-mounted installation. Cable feed possible from all directions in 8 x 45° increments. For screw attachment.
Suitable for cover plate 0270 .., 0284 ..
In combination with cover plate 0270 .., 0284 .. suitable for covering cap 0682 ...



Network connection box Cat. 6_A, 2-gang

with insulation-displacement connector	**2452 00**	1	01

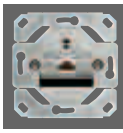
Fully-shielded network connection box Cat. 6_A with two connection sockets RJ45 (8/8) for data transfer rates up to 10 Gigabit Ethernet in accordance with IEEE 802.3an. 45° angled socket outlet for parapet duct, floor tank und flush-mounted installation. Cable feed possible from all directions in 8 x 45° increments. For screw attachment.
Suitable for cover plate 0270 .., 0284 ..
In combination with cover plate 0270 .., 0284 .. suitable for covering cap 0682 ...



Network connection box Cat. 6, 2-gang

with insulation-displacement connector	**0166 00**	1/5	01

Fully-shielded network connection box Cat. 6 with two connection sockets RJ45 (8/8) for data transfer rates up to 10 Gigabit Ethernet in accordance with IEEE 802.3an. 45° angled socket outlet for parapet duct, floor tank and flush-mounted installation. Cable feed possible from all directions in 8 x 45° increments. For screw attachment.
Suitable for cover plate 0270 .., 0284 ..
In combination with cover plate 0270 .., 0284 .. suitable for covering cap 0682 ...



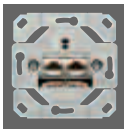
Network connection box Cat. 5e, 1-gang

with insulation-displacement connector	**0180 00**	1	01

Fully-shielded network connection box Cat. 5e with a connection socket RJ45 (8) for data transfer rates up to 1 Gigabit Ethernet in accordance with IEEE 802.3an. 45° angled socket outlet for parapet duct, floor tank and flush-mounted installation. Cable feed possible from all directions in 8 x 45° increments. For screw attachment.
Suitable for cover plate 0270 .., 0284 ..
In combination with cover plate 0270 .., 0284 .. suitable for covering cap 0682 ...

The delivery results subject to countries specific assortments.

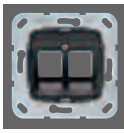
	Order no.	Packing unit	PS



Network connection box Cat. 5e, 2-gang

with insulation-displacement connector	**0178 00**	1	01

Fully-shielded network connection box Cat. 5e with two connection sockets RJ45 (8/8) for data transfer rates up to 1 Gigabit Ethernet in accordance with IEEE 802.3an. 45° angled socket outlet for parapet duct, floor tank and flush-mounted installation. Cable feed possible from all directions in 8 x 45° increments. For screw attachment.
Suitable for cover plate 0270 .., 0284 ..
In combination with cover plate 0270 .., 0284 ..
suitable for covering cap 0682 ...



Modular jack support ring

Support ring MJ-01	**5601 00**	10	01
Support ring MJ-02	**5602 00**	10	01
Support ring MJ-03	**5603 00**	10	01
Support ring MJ-04	**5604 00**	10	01
Support ring MJ-05	**5605 00**	10	01
Support ring MJ-06	**5606 00**	10	01
Support ring MJ-07	**5607 00**	10	01
Support ring MJ-08	**5608 00**	10	01
Support ring MJ-09	**5609 00**	10	01
Support ring MJ-10	**5610 00**	10	01

New. Available starting February 2013.
For screw attachment only.
Suitable for cover plate for modular jack 2640 .. → Page 401.

	Order no.	Packing unit	PS



Cover plate for Modular Jack support ring with inscription field and 30° angled socket outlet

System 55			
cream white glossy	**2640 01**	10	01
pure white glossy	**2640 03**	10	01
pure white matt	**2640 27**	10	01
anthracite	**2640 28**	10	01
colour aluminium	**2640 26**	10	01
E22			
Stainless Steel	**2640 20**	10	01
Aluminium	**2640 203**	10	01
pure white glossy	**2640 03**	10	01
Gira F100			
cream white glossy	**2640 111**	10	01
pure white glossy	**2640 112**	10	01

New. Available starting February 2013.
Support ring for Modular Jack 5601 00, 5602 00, 5603 00, 5604 00, 5605 00, 5606 00, 5607 00, 5608 00, 5609 00, 5610 00 → Page 401.



Cinch audio for support ring MJ-02

Breakout cable			
white	**5741 00**	1	01
red	**5742 00**	1	01

New. Available starting February 2013.
Modular jack support ring 5602 00 → Page 401.



Composite video for support ring MJ-02

Breakout cable	**5743 00**	1	01

New. Available starting February 2013.
Modular jack support ring 5602 00 → Page 401.



Mini jack 3.5 mm for support ring MJ-02

Breakout cable	**5744 00**	1	01

New. Available starting February 2013.
Modular jack support ring 5602 00 → Page 401.



USB 3.0 type A for support ring MJ-02

Breakout cable	**5745 00**	1	01

New. Available starting February 2013.
Modular jack support ring 5602 00 → Page 401.

	Order no.	Packing unit	PS

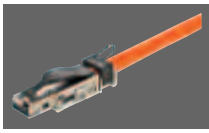


SAT–F pin jack
for support ring MJ-02

Gender changer

	5747 00	1	01

New. Available starting February 2013.
Modular jack support ring 5602 00 → Page 401.



RJ45 plug Cat. 6_A

Insulation-displacement connector

	5746 00	1	01

New. Available starting February 2013.



DRA housing with Cat. 6_A module

Insulation-displacement connector

DRA	**5748 00**	1	01

New. Available starting February 2013.



Pin jack for modular jack RJ45 Cat. 6_A
with dust cover

	5740 00	1	01

New. Available starting February 2013.
Suitable for data cap 0870 .. in combination with insert 0052 00, 0053 00 → Page 398.
Suitable for cover plate 0662 .., 0663 .. in combination with support ring 0191 00 → Page 230.
Suitable for cover plate 2640 .. in combination with support ring 5602 00 → Page 401.



Pin jacks for Modular Jack/Western Technology AMP

SL toolless jack, RJ11, Cat. 3, unshielded, without dust cover

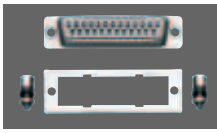
	0044 00	5/25	01

SL toolless jack, RJ45, Cat. 5E, unshielded, without dust cover

	0045 00	5/25	01

Suitable for data cap 0870 .. in combination with insert 0052 00, 0053 00 → Page 398.
Suitable for cover plate 0662 .., 0663 .. in combination with support ring 0191 00 → Page 230.
Suitable for cover plate 2640 .. in combination with support ring 5603 00 → Page 401.

	Order no.	Packing unit	PS



D-Sub connector
(Min-D)

9-pole pin jack strip	**0021 00**	5/25	01
15-pole pin jack strip	**0022 00**	5/25	01
25-pole pin jack strip	**0023 00**	5/25	01

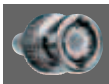
With a mounting plate and locking pins for screw stopper M 3. For example, for **V 24 (RS 232)** interface.
Connections: Soldering sleeves (0.6 mm^2 maximum).
Contacts: Nickel, gold-plated.
Suitable for cover plate 0278 ... → Page 230.
Suitable for data cap 0870 .. in combination with insert 0050 00 → Page 399.



BNC installation pin jack for crimping for
data -processing technology cable 6 to 6.15 mm ∅

75 Ω	**0025 00**	5/25	01

Suitable for cover plate 0277 ... → Page 231.



BNC special plug for crimping for data -systems technology with gold-plated
internal conductor

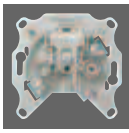
75 Ω	**0026 00**	5/25	01

Suitable for cover plate 0277 ... → Page 231.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

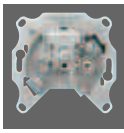
TV / Multimedia



Antenna socket (EDU 04 F)

	0046 00	1/5	01

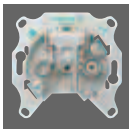
Can be used as single pin jack. Connection attenuation 5 dB. For use in separate antenna systems and for jointly-used antenna systems, BK and satellite house distribution systems on de-coupled stub cables. The entire signal spectrum from 4 to 2400 MHz is available on both connections. Via the TV connection, the DC voltage transfer (max. 24 V DC/500 mA) to a satellite antenna is possible.
Suitable for cover plate 0869 ...



Antenna socket (GEDU 10)

	0041 00	1/5	01
Terminating resistor R 77[1)]	**0040 00**	5/25	01

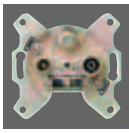
Can be used as a routing and terminal pin jack.
Connection attenuation 10 dB, transmission loss 2.5 dB.
For use in jointly-used antenna systems at the end of a side circuit with several pin jacks.
Suitable for terrestrial reception, BK and satellite-reception systems. The entire signal spectrum from 4 to 2400 MHz is available on both connections.
Usable as a terminal socket outlet with terminal resistance R 77.
[1)] For reflection-free termination of a side circuit, to be plugged into the last antenna socket outlet.
Suitable for cover plate 0869 ...



Antenna socket (GEDU 15)

	0042 00	1/5	01

Can be used as a routing socket jack.
Connection attenuation 15 dB, transmission loss 1.0 dB.
For use in jointly-used antenna systems with several pin jacks (tree structure).
Suitable for terrestrial reception, BK and satellite-reception systems. The entire signal spectrum from 4 to 2400 MHz is available on both connections.
Suitable for cover plate 0869 ...



Antenna socket (FS 302 F)

	0937 00	1/5	01

With 3 connections usable as terminal socket outlet. Connection attenuation 1.5 - 2 dB. For use in individual antenna systems, behind a multi-switch or on a de-coupled stub wire.
The connection for the satellite receiver is implemented as an F pin jack.
DC voltage transmission is also possible via this receiver (max. 24 V DC/500 mA) to a satellite antenna.
Suitable for cover plate 0869 ...

	Order no.	Packing unit	PS

Acoustics



BNC installation pin jack for crimping for data -processing technology cable 6 to 6.15 mm ∅

75 Ω	**0025 00**	5/25	01

Suitable for cover plate 0277 ... → Page 231.



BNC special plug for crimping for data -systems technology with gold-plated internal conductor

75 Ω	**0026 00**	5/25	01

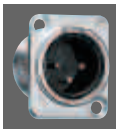
Suitable for cover plate 0277 ... → Page 231.



XLR circular connector, D series flange pin jack

Flange pin jack 3-pole D series	**0036 00**	5/25	01

With soldering terminals up to max. 2.5 mm^2.
Suitable for data cap 0870 .. in combination with insert 0055 00 → Page 399.



XLR circular connector, D series flange plug

Flange plug 3-pole D series	**0037 00**	5	01

With soldering terminals up to max. 2.5 mm^2.
Suitable for data cap 0870 .. in combination with insert 0055 00 → Page 399.



XLR circular connector, C series flange pin jack

Flange pin jack 3-pole C series	**0436 00**	5/25	01

With soldering terminals up to max. 2.5 mm^2.
Suitable for data cap 0870 .. in combination with insert 0092 00 → Page 399.
Suitable for cover plate S-Color 0265 .. → Page 232.



XLR circular connector, C series flange plug

Flange plug 3-pole C series	**0437 00**	5/25	01

With soldering terminals up to max. 2.5 mm^2.
Suitable for data cap 0870 .. in combination with insert 0092 00 → Page 399.
Suitable for cover plate S-Color 0265 .. → Page 232.

Powerline Communication
Flush-mounted inserts and accessories

The Gira HomePlug AV network connection box offers Internet and network from the mains supply. Data is transferred via the conventional 230 V mains supply in the building, meaning that no new cables need to be run. To establish a network, any number of socket outlets can simply be replaced by Gira HomePlug AV network connection boxes. Access to the Internet is established by connecting to a router. With a data transfer rate of up to 200 Mbit/s, Internet sites can be used easily, even if they require a lot of bandwidth, such as HDTV contents or HbbTV.

New. **DRA HomePlug AV feeder**
With the new DRA HomePlug AV feeder, network functionality can be fed in directly via the electricity distributors in the in-house mains supply. The device distributes data flow among up to three phases, thus ensuring ideal network performance.

Gira HomePlug AV socket outlet adapter Mini
The Gira HomePlug AV socket outlet adapter Mini enables the user to install mobile network access. The device is simply plugged into the socket outlet, establishing a connection to the network. In this way, the home network can be expanded simply and flexibly.

1 DRA HomePlug AV feeder

2 Gira HomePlug AV network connection box, Gira E2, pure white glossy

3 Gira HomePlug AV socket outlet adapter Mini


1


2


3

Advantages

Inexpensive retrofitting without cabling

Data transfer of up to 200 Mbit/s via the conventional 230 V mains supply in the building

Network protection and secure data transfer due to powerful 128-bit AES encryption and password protection

Encryption is activated by simply pressing a button direction on the network connection box or using start-up software

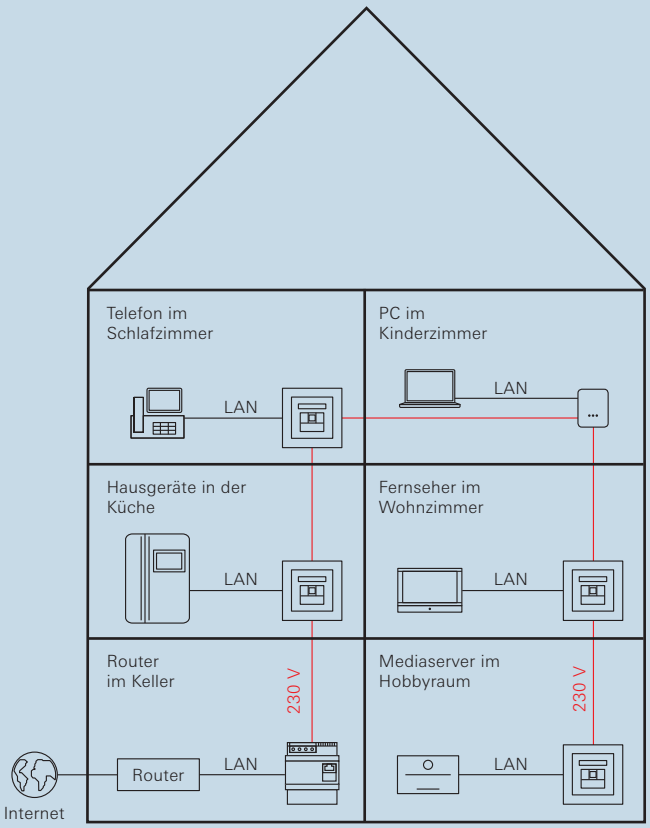
Patented process for the automatic reduction of the network connection box's energy consumption by more than 50 %

Standard RJ45 Ethernet connection

Matches the Gira switch ranges

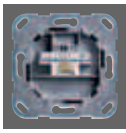
Network functionality with DRA HomePlug AV feeder can be realised directly via electricity distributors

Additional solution available using socket outlet adapter



	Order no.	Packing unit	PS

Powerline Communication



Network connection box HomePlug AV

	2750 00	1	05

Active network connection box with Powerline technology in accordance with the HomePlug AV Standard. Powerline technology enables a network to be set up via 230 V mains with a data transmission rate of up to 200 Mbit/s. Therefore it is ideal for demanding requirements, e.g. HDTV streaming, Internet telephony and high-speed Internet. Computer, IP telephony and IP cameras, TV and other multimedia devices with network connection can be connected via suitable network connection boxes or socket outlet adapters. The integrated powerful 128-bit AES encryption provides maximum data security.

Power supply:	AC 100-240 V, 50/60 Hz
Standards:	Ethernet specification IEEE 802.3, IEEE 802.3x, IEEE 802.3u, Auto MDI / X, HomePlug AV
Transmission speed:	max. 200 Mbit/s
Range:	max. 300 m
Ambient temperature:	0°C - 40°C
Device connection:	Ethernet RJ45
Power consumption:	Maximum of 0.1 A with: Maximum 4.3 W Typical 2.9 W Standby 0.7 W

DRA HomePlug AV feeder 2720 00 → Page 405.
Socket outlet adapter Mini HomePlug AV 2710 00 → Page 405.
Suitable for cover plate 0270 .., 0284 .. → Page 64.
In combination with cover plate 0270 .., 0284 .. suitable for covering cap 0682 ... → Page 62.



Mini socket outlet adapter HomePlug AV

	2710 00	1	05

Active socket outlet adapter with Powerline technology in accordance with the HomePlug AV Standard. Powerline technology enables a network to be set up via 230 V mains with a data transmission rate of up to 200 Mbit/s. Therefore it is ideal for demanding requirements, e.g. HDTV streaming, Internet telephony and high-speed Internet. Computers, IP telephony and IP cameras, TV and other multimedia devices with network connection can be connected via suitable socket outlet adapters or network connection boxes. The integrated powerful 128-bit AES encryption provides maximum data security.

Power supply:	AC 230V, 50/60Hz
Standards:	Ethernet specification IEEE 802.3, IEEE 802.3x, IEEE 802.3u, Auto MDI / X, HomePlug AV
Transfer–speed:	max. 200 Mbit/s
Data security	128 bit AES encryption
Range:	max. 300 m
Ambient temperature:	0 °C to +40 °C
Device connection:	Ethernet RJ45
Power consumption:	Maximum of 0.1 A with: Maximum 4.3 W Typical 2.9 W Standby 0.3 W
Dimensions:	L x W x D 130 x 66 x 42 mm

DRA HomePlug AV feeder 2720 00 → Page 405.
Network connection box HomePlug AV 2750 00 → Page 405.

	Order no.	Packing unit	PS



DRA HomePlug AV feeder

DRA	**2720 00**	1	05

New. Available starting January 2013.

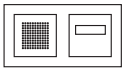
DRA HomePlug AV feeder with Powerline technology in accordance with the HomePlug AV Standard for installation in the sub-distribution unit of a home/flat. Powerline technology enables a network to be set up via 230 V mains with a data transmission rate of up to 200 Mbit/s. Therefore it is ideal for demanding requirements, e.g. HDTV streaming, Internet telephony and high-speed Internet. Computers, IP telephony and IP cameras, TV and other multimedia devices with network connection can be connected via suitable socket outlet adapters or network connection boxes. The integrated powerful 128-bit AES encryption provides maximum data security.

Power supply:	AC 230V, 50/60Hz
Standards:	Ethernet specification IEEE 802.3, IEEE 802.3x, IEEE 802.3u, Auto MDI / X, HomePlug AV
Transfer–speed:	max. 200 Mbit/s
Data security	128 bit AES encryption
Range:	max. 300 m
Ambient temperature:	0 °C to +40 °C
Device connection:	Ethernet RJ45
Power consumption:	Maximum of 0.1 A with: Maximum 4.6 W Typical 3.6 W Standby 0.8 W
Dimensions:	H x W x D 90 x 73 x 66 mm, 4 HP

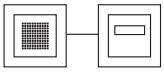
Network connection box HomePlug AV 2750 00 → Page 405.
Socket outlet adapter Mini HomePlug AV 2710 00 → Page 405.

The Gira RDS radio simply sits in the wall as light switches and socket outlets do. This avoids exposed cables and keeps work surfaces and counters free. The capacitive sensor field can be simply and intuitively controlled with a light touch. And the brilliant display with the RDS function for displaying the station name, the frequency and the time provides added comfort. With its high-quality loudspeaker, the Gira RDS radio supplies pure sound – even in stereo if an additional loudspeaker is used. In addition, with the separately available cinch socket outlet, external sources such as MP3 players can be connected. The operating top unit and loudspeaker are available in various colours and can be combined as desired to match any style.

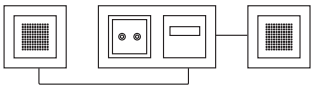
Installation examples for the RDS flush-mounted radio



Loudspeaker and operating top unit installed in 2-gang frame



Loudspeaker and operating top unit each installed in 1-gang frame



Loudspeaker in 1-gang frame, cinch socket outlet and operating top unit in 2-gang frame, loudspeaker installed in 1-gang frame

Advantages of the RDS flush-mounted radio
Installation possible in two normal flush-mounted device boxes (recommendation: use deep flush-mounted wall boxes)

Convenient operation via capacitive sensor technology

RDS function: the current time, station name and station frequency appear on the display

Sleep mode: the radio switches off automatically 30 minutes after the sleep mode is activated

Station search, two station presets, auto store function, storage of all settings

Auxiliary operation possible: 1 × auxiliary input 230 V

Frequency range
87.50 to 107.90 MHz

Design awards
iF product design award 2010, iF Design Hannover

Plus X Award 2010

Perspective Award 2011, Perspective Limited, Hong Kong

Product information
www.gira.com/brochures



1



2



3

Gira audio systems
RDS flush-mounted radio, connections

Gira audio systems

Gira RDS flush-mounted radio, acoustics
RDS flush-mounted radio 408
Acoustics 409

can be combined with
Standard 55 80
E2 86
Event 92
Esprit 106
ClassiX 116
E 22 132
Stainless Steel
Series 20, Series 21 180
F100 182
Profile 55 238
TX_44 248

Operating units
Revox multiroom system 412

Diverse audio interfaces
Whether hi-fi systems or compact systems: Gira provides audio connections for all sound systems. Interfaces in various designs for cinch, mini jacks, XLR, WBT nextgen, BNC and loudspeaker cables are available.

Advantages
All interfaces are integrated in the Gira switch ranges. This means both unity of design for the entire electrical installation and a large degree of freedom in selecting colour and frame variants to match any interior. An installation system with plug-in principle ensures fast, safe, simple installation. Many of the functions are available in three models for various connection types: with solder termination, gender changer or breakout cable.

RDS flush-mounted radio

1
RDS flush-mounted radio,
Gira E2, pure white glossy

2
Cinch socket outlet,
Gira E2, pure white glossy

3
Loudspeaker,
Gira E2, pure white glossy

Connections

4
WBT – 0710 Cu nextgen™,
Gira E2, pure white glossy

5
XLR socket D series,
Gira E2, pure white glossy

6
Loudspeaker connection box, 4-gang, Gira E2, pure white glossy

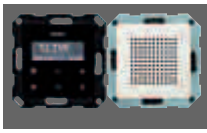

4


5


6

	Order no.	Packing unit	PS

RDS flush-mounted radio



RDS flush-mounted radio with a loudspeaker

Operating top unit in black glass appearance
System 55

cream white glossy	**2280 01**	1	03
pure white glossy	**2280 03**	1	03
pure white matt	**2280 27**	1	03
anthracite	**2280 28**	1	03
colour aluminium	**2280 26**	1	03
Black glass appearance	**2280 05**	1	03

Operating top unit in black glass appearance
E22

Stainless Steel	**2280 20**	1	03
Aluminium	**2280 203**	1	03
pure white glossy	**2280 03**	1	03

Operating top unit in black glass appearance
Gira F100

cream white glossy	**2280 111**	1	03
pure white glossy	**2280 112**	1	03

FM radio with RDS display for flush-mounted installation.
The flush-mounted RDS radio consists of a radio insert with operating top unit and loudspeaker insert with cover plate. The radio insert is compactly mounted in a flush-mounted insert and can therefore be installed in a single flush-mounted device box. The loudspeaker can be installed in combination with the radio insert or offset in a flush-mounted box. Two loudspeakers can be connected to the radio insert. The radio automatically detects connected loudspeakers and switches between stereo and mono mode.
With a corresponding RDS signal, the display of the operating top unit shows the station name, the transmission frequency and the time.
Operation of the radio is via the capacitive buttons of the operating top unit. Operation only requires a light touching of the symbols.
The flush-mounted RDS radio has two station presets, upon each of which a station setting can be saved and called up with the press of a button.
For example, the radio can be switched on via the auxiliary input with a light switch or automatic control switch together with the room lighting.
External audio sources, for example an MP3 player, can be fed into the radio via the stereo AUX input of the radio. For connection to the external audio source, an additional cinch insert is required which is connected to the AUX terminals of the radio insert.
In sleep mode the radio switches off automatically 30 minutes after switching on.
Note: reception interference can result in combination with additional electronic devices under one cover plate.

Power supply:	AC 230 V
Connection:	screw terminals 2.5 mm^2 (mains connection) 1.5 mm^2 (loudspeaker/AUX connection)
Temperature range:	-5 °C to +50 °C
Protection type:	IP 20
Frequency range:	87.50 to 107.90 MHz

Loudspeaker 2282 .. → Page 408.
Cinch audio inserts → Page 409.

i 32

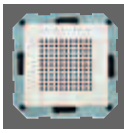


RDS flush-mounted radio

System 55

cream white glossy	**2284 01**	1	03
pure white glossy	**2284 03**	1	03
colour aluminium	**2284 26**	1	03
Black glass appearance	**2284 05**	1	03

Functional description see 2280 .. → Page 408.
Loudspeaker 2282 .. → Page 408.
Cinch audio inserts → Page 409.



Loudspeaker RDS flush-mounted radio

System 55

cream white glossy	**2282 01**	1	03
pure white glossy	**2282 03**	1	03
pure white matt	**2282 27**	1	03
anthracite	**2282 28**	1	03
colour aluminium	**2282 26**	1	03
Black glass appearance	**2282 05**	1	03

E22

Stainless Steel	**2282 20**	1	03
Aluminium	**2282 203**	1	03
pure white glossy	**2282 03**	1	03

Gira F100

cream white glossy	**2282 111**	1	03
pure white glossy	**2282 112**	1	03

Loudspeaker for connection to the Gira RDS flush-mounted radio.

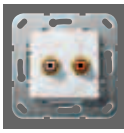
Temperature range:	-5 °C to +50 °C
Protection type:	IP 20

RDS flush-mounted radio 2280 .. → Page 408.
For integration in Stainless Steel Series 20, Series 21: Intermediate plate 55 x 55 mm 0289 20 → Page 168.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Acoustics

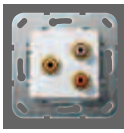


Cinch audio insert

Solder termination			
cream white glossy	**5632 01**	1	01
pure white glossy	**5632 03**	1	01
Matt black	**5632 10**	1	01
Gender changer			
cream white glossy	**5631 01**	1	01
pure white glossy	**5631 03**	1	01
Matt black	**5631 10**	1	01
Breakout cable			
cream white glossy	**5633 01**	1	01
pure white glossy	**5633 03**	1	01
Matt black	**5633 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 ..
Mounting frame with hinged cover 2658 ..

i 12

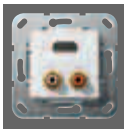


Cinch audio and mini jack 3.5 mm insert

Gender changer			
cream white glossy	**5634 01**	1	01
pure white glossy	**5634 03**	1	01
Matt black	**5634 10**	1	01
Breakout cable			
cream white glossy	**5635 01**	1	01
pure white glossy	**5635 03**	1	01
Matt black	**5635 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 ..
Mounting frame with hinged cover 2658 ..

i 12



Cinch audio and HDMI™ insert „High-speed with ethernet“

Gender changer			
cream white glossy	**5673 01**	1	01
pure white glossy	**5673 03**	1	01
Matt black	**5673 10**	1	01
Breakout cable			
cream white glossy	**5674 01**	1	01
pure white glossy	**5674 03**	1	01
Matt black	**5674 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 ..
Mounting frame with hinged cover 2658 ..

i 12



Cinch audio and USB 3.0 type A insert

Gender changer			
cream white glossy	**5690 01**	1	01
pure white glossy	**5690 03**	1	01
Matt black	**5690 10**	1	01
Breakout cable			
cream white glossy	**5691 01**	1	01
pure white glossy	**5691 03**	1	01
Matt black	**5691 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 ..
Mounting frame with hinged cover 2658 ..

i 12

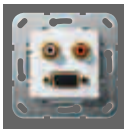


Cinch audio and DVI (24+5) insert

Gender changer			
cream white glossy	**5646 01**	1	01
pure white glossy	**5646 03**	1	01
Matt black	**5646 10**	1	01
Breakout cable			
cream white glossy	**5647 01**	1	01
pure white glossy	**5647 03**	1	01
Matt black	**5647 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 ..
Mounting frame with hinged cover 2658 ..

i 12

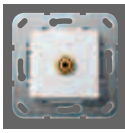


Cinch audio and VGA insert

Gender changer			
cream white glossy	**5656 01**	1	01
pure white glossy	**5656 03**	1	01
Matt black	**5656 10**	1	01
Breakout cable			
cream white glossy	**5657 01**	1	01
pure white glossy	**5657 03**	1	01
Matt black	**5657 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 ..
Mounting frame with hinged cover 2658 ..

i 12

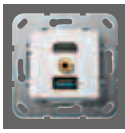


Mini jack 3.5 mm insert

	Order no.	Packing unit	PS
Gender changer			
cream white glossy	**5648 01**	1	01
pure white glossy	**5648 03**	1	01
Matt black	**5648 10**	1	01
Breakout cable			
cream white glossy	**5649 01**	1	01
pure white glossy	**5649 03**	1	01
Matt black	**5649 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 ..
Mounting frame with hinged cover 2658 ..

i 12

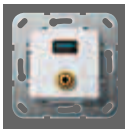


HDMI™ insert „High-speed with ethernet", USB 3.0 type A and mini jack 3.5 mm

	Order no.	Packing unit	PS
HDMI+USB coupler, breakout cable mini jack			
cream white glossy	**5680 01**	1	01
pure white glossy	**5680 03**	1	01
Matt black	**5680 10**	1	01
Breakout cable			
cream white glossy	**5681 01**	1	01
pure white glossy	**5681 03**	1	01
Matt black	**5681 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 ..
Mounting frame with hinged cover 2658 ..

i 12

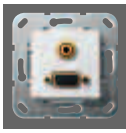


USB 3.0 type A insert and mini jack 3.5 mm insert

	Order no.	Packing unit	PS
USB coupler, breakout cable mini jack			
cream white glossy	**5686 01**	1	01
pure white glossy	**5686 03**	1	01
Matt black	**5686 10**	1	01
Breakout cable			
cream white glossy	**5687 01**	1	01
pure white glossy	**5687 03**	1	01
Matt black	**5687 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 ..
Mounting frame with hinged cover 2658 ..

i 12



VGA and mini jack 3.5 mm insert

	Order no.	Packing unit	PS
VGA coupler, breakout cable mini jack			
cream white glossy	**5658 01**	1	01
pure white glossy	**5658 03**	1	01
Matt black	**5658 10**	1	01
Breakout cable			
cream white glossy	**5659 01**	1	01
pure white glossy	**5659 03**	1	01
Matt black	**5659 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 ..
Mounting frame with hinged cover 2658 ..

i 12

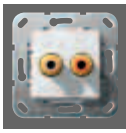


WBT-0708 Cu nextgen™ insert

	Order no.	Packing unit	PS
Cable lug			
cream white glossy	**5666 01**	1	01
pure white glossy	**5666 03**	1	01
Matt black	**5666 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 ..

i 12

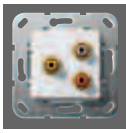


WBT-0710 Cu nextgen™ insert

	Order no.	Packing unit	PS
Cable lug			
cream white glossy	**5665 01**	1	01
pure white glossy	**5665 03**	1	01
Matt black	**5665 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 ..

i 12



Cinch audio and composite video insert

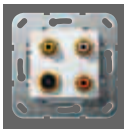
	Order no.	Packing unit	PS
Solder termination			
cream white glossy	**5638 01**	1	01
pure white glossy	**5638 03**	1	01
Matt black	**5638 10**	1	01
Gender changer			
cream white glossy	**5636 01**	1	01
pure white glossy	**5636 03**	1	01
Matt black	**5636 10**	1	01
Breakout cable			
cream white glossy	**5637 01**	1	01
pure white glossy	**5637 03**	1	01
Matt black	**5637 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 ..
Mounting frame with hinged cover 2658 ..

i 12

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Cinch audio, composite video and S-video insert

Gender changer

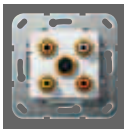
cream white glossy	**5661 01**	1	01
pure white glossy	**5661 03**	1	01
Matt black	**5661 10**	1	01

Breakout cable

cream white glossy	**5662 01**	1	01
pure white glossy	**5662 03**	1	01
Matt black	**5662 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 ..
Mounting frame with hinged cover 2658 ..

i 12



Cinch audio, composite video, S-video and mini jack 3.5 mm insert

Gender changer

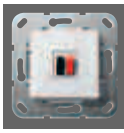
cream white glossy	**5663 01**	1	01
pure white glossy	**5663 03**	1	01
Matt black	**5663 10**	1	01

Breakout cable

cream white glossy	**5664 01**	1	01
pure white glossy	**5664 03**	1	01
Matt black	**5664 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 ..
Mounting frame with hinged cover 2658 ..

i 12

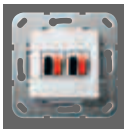


Loudspeaker connection insert 1-gang

cream white glossy	**5692 01**	1	01
pure white glossy	**5692 03**	1	01
Matt black	**5692 10**	1	01

New. Available starting February 2013.
For screw attachment only. Connection on the front using plug terminals, marked red/black. Connection on the black using screw terminals.
Mounting frame 2648 ..
Mounting frame with hinged cover 2658 ..

i 12



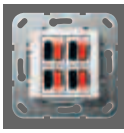
Loudspeaker connection insert 2-gang

cream white glossy	**5693 01**	1	01
pure white glossy	**5693 03**	1	01
Matt black	**5693 10**	1	01

New. Available starting February 2013.
For screw attachment only. Connection on the front using plug terminals, marked red/black. Connection on the black using screw terminals.
Mounting frame 2648 ..
Mounting frame with hinged cover 2658 ..

i 12

	Order no.	Packing unit	PS

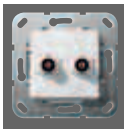


Loudspeaker connection insert 4-gang

cream white glossy	**5694 01**	1	01
pure white glossy	**5694 03**	1	01
Matt black	**5694 10**	1	01

New. Available starting February 2013.
For screw attachment only. Connection on the front using plug terminals, marked red/black. Connection on the black using screw terminals.
Mounting frame 2648 ..
Mounting frame with hinged cover 2658 ..

i 12



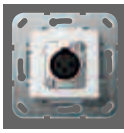
BNC insert, 2-gang

Crimp connection

cream white glossy	**5630 01**	1	01
pure white glossy	**5630 03**	1	01
Matt black	**5630 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 ..

i 12



XLR pin jack, D series insert

Solder termination

cream white glossy	**5667 01**	1	01
pure white glossy	**5667 03**	1	01
Matt black	**5667 10**	1	01

New. Available starting February 2013.
For screw attachment only.
Mounting frame 2648 ..
Mounting frame with hinged cover 2658 ..

i 12

The Revox multiroom system ensures perfect sound quality all around the house. Up to 32 rooms can be supplied with music via the Revox M51, M100 or M10 central devices. In the process it's possible to define four different listening zones of up to eight rooms each. Each listening zone can access its own music.

With the Re:source multimedia module, Internet radio, iPod, USB sticks and network hard disks can be seamlessly integrated in the system if desired.

More information on the Revox multiroom system is available at www.revox.de

In cooperation with Revox, Gira offers the M217 display unit and the M218 operating unit.

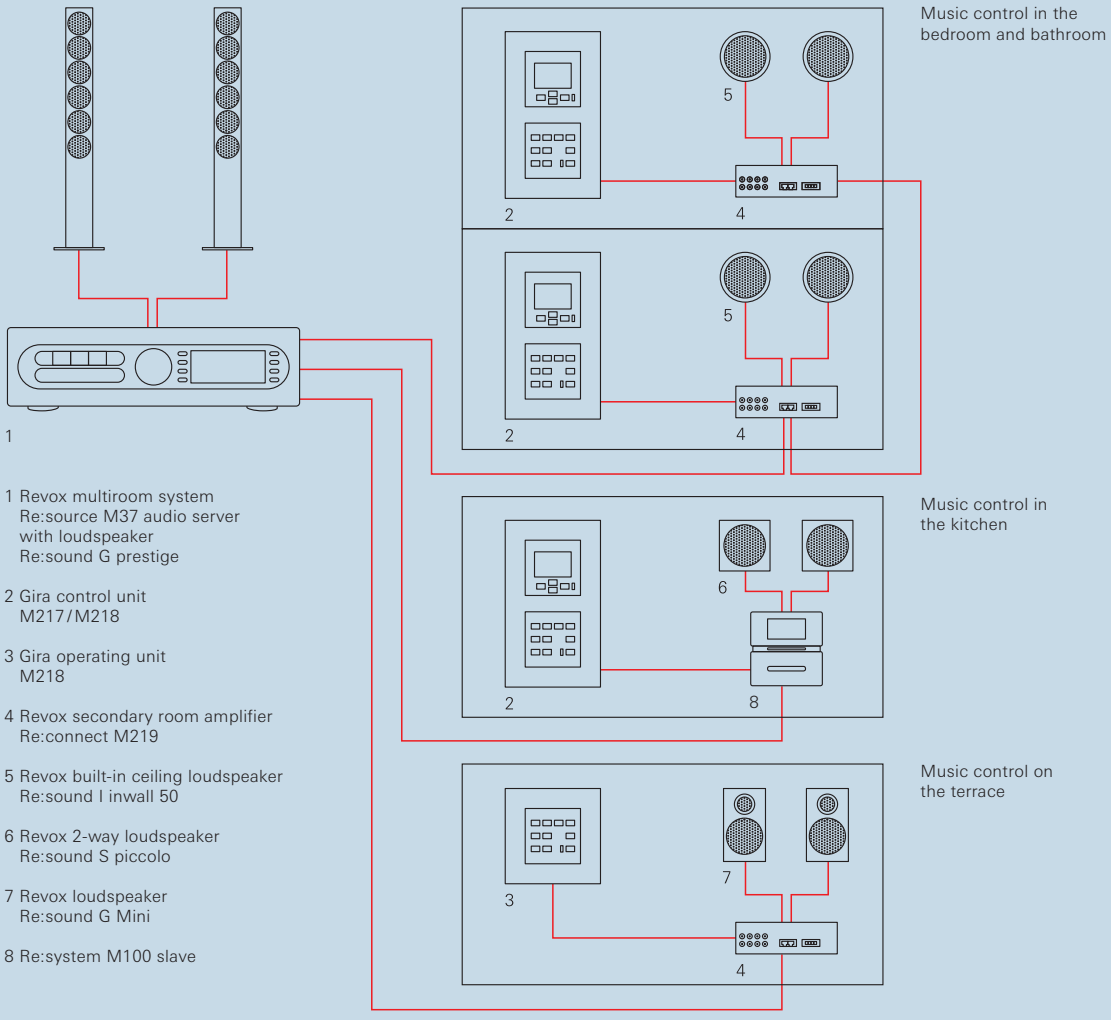
These control units make it possible to operate the Revox multiroom system simply from every room. This maintains a uniform appearance with the rest of the electrical installation.

Advantages
The Gira operating units for the Revox multiroom system fit individually or in combination in the frames of the Gira Standard 55, E2, Event, Esprit, ClassiX and E 22 switch ranges, and with an intermediate plate also in the F100 and TX_44.

The Revox multiroom system can also be connected to the Gira HomeServer.
This enables it to be networked with the Instabus KNX system and controlled with a computer or via the Gira Control Clients. A plug-in integrates the Revox controller in the user interface of the Gira HomeServer as a fixed component.

Design awards
Plus X Award 2006

Product information
www.gira.com/brochures



1 Revox multiroom system
Re:source M37 audio server
with loudspeaker
Re:sound G prestige

2 Gira control unit
M217/M218

3 Gira operating unit
M218

4 Revox secondary room amplifier
Re:connect M219

5 Revox built-in ceiling loudspeaker
Re:sound I inwall 50

6 Revox 2-way loudspeaker
Re:sound S piccolo

7 Revox loudspeaker
Re:sound G Mini

8 Re:system M100 slave

Gira audio systems
Revox multiroom system

Gira audio systems

Operating units
Revox multiroom system
M218 operating unit 414
M217 display unit 414
M217/M218 regulating unit 415

can be combined with
Standard 55 80
E2 86
Event 92
Esprit 106
ClassiX 116
E 22 132
Stainless Steel
Series 20, Series 21 180
F100 182
Profile 55 238
TX_44 248

1
M218 operating unit,
Gira E 22 Aluminium

2
Control unit M217/M218,
Gira E 22 Aluminium



1



2

Revox multiroom system



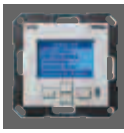
Revox multiroom system M218 operating unit

	Order no.	Packing unit	PS
System 55			
cream white glossy	**0538 01**	1	06
pure white glossy	**0538 03**	1	06
pure white matt	**0538 27**	1	06
anthracite	**0538 28**	1	06
colour aluminium	**0538 26**	1	06
Bronze	**0538 603**	1	06
Brass	**0538 604**	1	06
E22			
Stainless Steel	**0538 20**	1	06
Aluminium	**0538 203**	1	06
pure white glossy	**0538 03**	1	06

With the M218 operating unit, the Revox multiroom system can be activated with a single press of a button – including volume control and station checking. The M218 operating unit is easily integrated in a flush-mounted box as a control unit. Ideally, the M218 operating unit and the M217 display unit are combined to enable even better, logical operation of the Revox multiroom system.

Current consumption: 17 mA
Cable length: max. 30 m to M217 display unit, max. 100 m to Revox M51 multiroom system, Revox M219 secondary room amplifier
Parallel operation: connect a max. of 5 M218 operating units in parallel
Temperature range: -5 °C to +45 °C
Protection type: IP 20

M217 display unit 0539 .. → Page 414.
For integration in Stainless Steel Series 20, Series 21: Intermediate plate 55 x 55 mm 0289 20 → Page 168.



Revox multiroom system M217 display unit

	Order no.	Packing unit	PS
System 55			
cream white glossy	**0539 01**	1	06
pure white glossy	**0539 03**	1	06
pure white matt	**0539 27**	1	06
anthracite	**0539 28**	1	06
colour aluminium	**0539 26**	1	06
Bronze	**0539 603**	1	06
Brass	**0539 604**	1	06
E22			
Stainless Steel	**0539 20**	1	06
Aluminium	**0539 203**	1	06
pure white glossy	**0539 03**	1	06

Information on the source of the Revox multiroom system currently played is shown on the M217 display unit. The artist and the track are also shown when the Revox Audio Server is accessed.
Up to 4 timer functions can be programmed in each room via the display. Ideally, the M217 display unit and the M218 operating unit are combined to enable even better, logical operation of the Revox multiroom system.

Current consumption: 30 to 50 mA at Revox M51
50 to 100 mA at Revox M219
Cable length: max. 30 m to M218 operating unit, max. 100 m to Revox M51 multiroom system, Revox M219 secondary room amplifier
Temperature range: -5 °C to +45 °C
Protection type: IP 20

M218 operating unit 0538 .. → Page 414.
For integration in Stainless Steel Series 20, Series 21: Intermediate plate 55 x 55 mm 0289 20 → Page 168.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Revox multiroom system M217/M218 regulating unit

	Order no.	Packing unit	PS
System 55			
cream white glossy	**0540 01**	1	06
pure white glossy	**0540 03**	1	06
pure white matt	**0540 27**	1	06
anthracite	**0540 28**	1	06
colour aluminium	**0540 26**	1	06
Bronze	**0540 603**	1	06
Brass	**0540 604**	1	06
E22			
Stainless Steel	**0540 20**	1	06
Aluminium	**0540 203**	1	06
pure white glossy	**0540 03**	1	06

The regulating unit consists of the M218 operating unit and the M217 display unit. The Revox multiroom system can be optimally operated with these two units. The two units are simply integrated in flush-mounted boxes. In addition to the volume and station selection, up to 4 timer functions can also be programmed in each room via the display.

Cable length:	max. of 100 m to the Revox M51 multiroom system
Temperature range:	-5 °C to +45 °C
Protection type:	IP 20

For integration in Stainless Steel Series 20, Series 21: Intermediate plate 55 x 55 mm 0289 20 → Page 168.

The Gira KNX system is the intelligent solution for networking and controlling home technology. Because of the automation, central control and linking of various functions, the system provides more comfort, security and energy efficiency in the building.

The basis for the Gira KNX system is a green cable which is installed in the wall together with the conventional mains supply during new construction or renovations: the KNX bus line. It connects a wide variety of home technology components, such as lighting, blinds and heating. Various sensors like weather stations, temperature sensors, presence detectors and window contacts can also be connected. They enable automatic and needs-based control of the different functions.

Wall devices such as the Gira push button sensor 3 and the Gira SmartSensor are available for operation in individual rooms. With them, it's possible to save and call up light scenes, control blinds based on the time, bring rooms to the right temperature fully automatically, and much more.

New. Gira Control 9 KNX
The Gira Control 9 KNX is the compact central control unit for the KNX installation in the home.
The touch panel with a 22.9 cm [9"] display enables the convenient operation of all bus functions with a single finger and offers diverse additional features such as e-mail, news and weather services or consumption diagrams.

Available starting 04/2013

Gira HomeServer
The Gira HomeServer is the on-board computer for the intelligent home. It allows both the central control of all KNX functions and integrates door intercoms, multimedia systems, cameras, household devices and much more seamlessly into building control. With its IP connection, the Gira HomeServer can be operated with different devices: via Gira Control Clients on the wall, with the computer, or while away using smartphones and tablets. The intuitive user interface, the Gira Interface, ensures convenient navigation and provides numerous additional features such as weather services, e-mail, data evaluation and more.

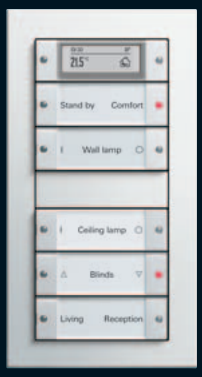
Gira FacilityServer
The Gira FacilityServer is available especially for use in commercial properties.
It has even more memory capacity and is delivered as a 19" rack insert for installation in server cabinets.

Gira Control Clients
The Gira Control Clients are the central operating devices for the Gira HomeServer and the KNX installation in the house. They enable easy control of all the home technology using brilliant touch displays. Both devices feature a loudspeaker and microphone, so they can be used for audio-visual door communication.

Gira HomeServer/ FacilityServer app
The complete home technology can be conveniently operated while away using the Gira HomeServer/FacilityServer app for the iPhone and iPad. The app features the uniform Gira Interface design. Because of this, simple access to all functions is possible regardless of where you are, and the entire home technology is always in view.



Gira push button sensor 3,
Gira E2,
pure white glossy



Gira push button sensor 3 Plus
5-gang, Gira E2,
pure white glossy



New. Gira Control 9 KNX,
glass black/aluminium

Gira KNX system

Intelligent building technology for more convenience, safety and value.

New. Gira HomeServer 4
The fourth generation of the Gira HomeServer now offers even more power and memory capacity for the multi-functional networking of the KNX installation. The Gira HomeServer 4 features a high-quality housing with an aluminium front panel. It can be mounted to the wall easily and securely using an optionally available wall holder. This saves room, makes the connections on the rear of the device easily accessible and facilitates neat cable management.

New. Gira HomeServer/ FacilityServer Android app
The Gira HomeServer/ FacilityServer app is now also available for the Android mobile operating system. This enables even more operating devices to control the Gira HomeServer.

Available starting 03/2013

New. Gira KNX presence detector
The new Gira KNX presence detector has an integrated bus coupler, three digital PIR sensors and numerous software functions for automatic light control.

New. Gira HomeServer 4



Gira KNX system

Push button sensors 3
Push button-bus coupler 422
Push button sensor 3 424
Push button sensor 3 Plus 431
Rocker sets 436

Cover plates
Data interface 444
Continuous regulator 445
Object regulator 446
CO_2 sensor 447

Automatic control switch
New. KNX presence detector 448
Automatic control switch 451
Brightness controller 454

Interface devices
Gira Control 9 KNX 458
Gira InfoTerminal Touch 460
Gira SmartSensor 461
Gira KNX system 462
HomeServer/FacilityServer apps 466
New. Gira HomeServer 4 467
Gira FacilityServer 468
Gira Control 19 469
Gira Control 9 470
Gateway 474

System devices, sensors, actuators, accessories 472

Inserts 474
DRA 482
Installation 508
Accessories 510



Gira Control 19 Client, glass black/aluminium



Gira HomeServer/FacilityServer app on the iPhone

The Gira push button sensor 3 is available in the models Basic, Comfort and Plus to match the switch ranges from System 55, Gira E22 and Gira Stainless Steel, as well as Gira F100.

An extraordinarily wide range of design variants is available. For F100, variants in the colours cream white glossy and pure white glossy are available. The models for the other switch ranges include operating buttons which are available with edges either in the colours cream white, pure white, anthracite, and colour aluminium or in the real materials aluminium and stainless steel. In addition, full-surface models in stainless steel, aluminium, brass and bronze can be selected and provided with a special laser inscription.

Gira F100
push button sensor 3

1 Cream white
2 Pure white



1



2

Gira push button sensor 3 Basic
A variety of connected bus functions can be controlled with the Gira push button sensor 3, such as externally saving and calling up light scenes, switching and dimming lights, or operating blinds. Each button has two red LEDS which display the status of the assigned functions. The inscription space is softly backlit, which enables the push button sensor to be easily located in the dark and ensures that inscriptions are easily legible.

Gira push button sensor 3 Comfort
The Gira push button sensor 3 Comfort has three-colour LEDs for status display which can be flexibly programmed for more complex applications. Furthermore, a temperature sensor is integrated which can be linked to the other components of the KNX system. In addition, it is also possible to assign higher-level, prioritised status feedback, e.g. for alarm messages or for information such as wind alarms.

Gira push button sensor 3 Plus
The Gira push button sensor 3 Plus has an integrated room temperature controller and a high-contrast display for controller status, temperature and various messages which can be received via the KNX system. The display is white-backlit in night mode and offers the possibility of displaying values and messages in various sizes and display modes. An external temperature sensor, for example for floor heating, can be connected together with the bus coupler 3 with external sensor connection.

Advantages
Gira push button sensor 3
Great design diversity, matching the Gira switch ranges

All models up to the 6-gang variant require just one single bus coupler

Gira push button sensor 3 Comfort
Extensive, practical software functions
Three-colour status LED on each button

Gira push button sensor 3 Plus

A push button sensor, room temperature regulator and heating timer combined in one device

Dot matrix display for information and messages

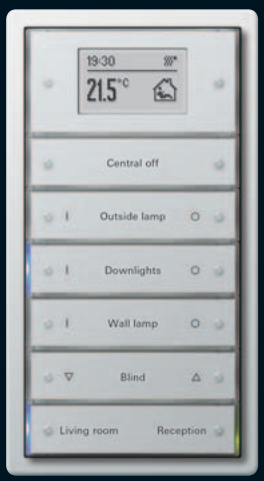
Note
The Gira push button sensor 3 can only be used in connection with the bus coupler 3.



13



14



15

Design variants of the rocker sets
Gira push button sensor 3

3 Cream white glossy
4 Pure white glossy
5 Colour aluminium
6 Anthracite
7 Brass with laser inscription
8 Bronze with laser inscription
9 Clear/stainless steel
10 Stainless steel with laser inscription
11 Clear/aluminium
12 Aluminium with laser inscription


3


4


5


6


7


8


9


10


11


12

Gira push button sensor 3,
F100 pure white glossy

13
Gira push button sensor 3
Basic, 1-gang

14
Gira push button sensor 3
Comfort, 4-gang

15
Gira push button sensor 3 Plus,
6-gang

Gira push button sensor 3,
Gira E 22 Aluminium with
rocker set aluminium

16
Gira push button sensor 3 Basic,
1-gang

17
Gira push button sensor 3
Comfort, 3-gang

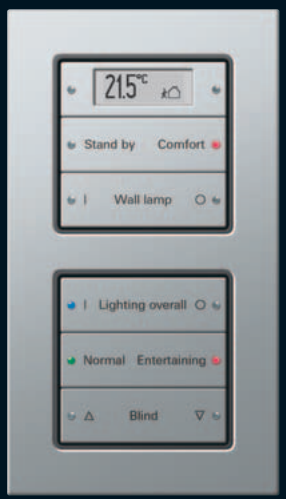
18
Gira push button sensor 3 Plus,
3-gang and push button sensor 3
Comfort, 3-gang



16



17



18

Gira KNX system
Push button sensor 3

The Gira push button sensor 3 is comprised of three components which are ordered separately and easily installed in three steps: the bus coupler 3, push button sensor 3 and rocker set. With this modular system, the Gira push button sensor 3 offers more flexibility in electrical planning and installation This is because the individual components can be installed during various phases of a construction or renovation project and easily replaced if desired.

The bus coupler 3 serves as a basis for all models of the Gira push button sensor 3.
It is installed in the wall and establishes the connection to the KNX line.
The intelligence lies in the Gira push button sensor 3. It is equipped with a start-up rocker and connected to the bus coupler 3.

The rocker set in the desired design is available separately and is simply attached to the push button sensor 3. The Gira F100 is an exception where the Gira push button sensor 3 is delivered including the suitable rocker set. The cover frame from the corresponding switch range is fastened to the support ring of the bus coupler 3, together with the Gira push button sensor 3.



Bus coupler 3



Push button sensor 3 Plus, 2-gang, start-up rocker



Rocker set
push button sensor 3 Plus, 2-gang, pure white



Gira Esprit glass white
Push button sensor 3 Plus, 2-gang, pure white,
inscribed individually

Inscription service for push button sensor 3

Inscription Service
An inscription can be designed and ordered online for selected Gira products in just four steps at **www.marking.gira.com**.

In addition to different fonts and sizes, there are numerous symbols available which enable simple assignment of the various connected functions. Following registration free of charge, the designs can be saved and processed or re-ordered at a later time.

Rocker sets with synthetic cover plate
For rocker sets with transparent thermoplastic cover plates, white inscription holders are printed which are non-fading, wrinkle-free and weather-resistant. These inscription holders can be designed and ordered directly online. They are then delivered to the specified address directly by post. The designs can also be printed out by customers themselves.

Laser inscription for rockers made of stainless steel, aluminium, brass or bronze
As an option, full-surface rocker sets made of stainless steel, aluminium, brass and bronze can be ordered with laser inscription via the three-level specialised sales process. Setting up a free user account is necessary to design a laser inscription. End customers (end users) contact their specialist electrical shops with their configuration lists.

As an alternative, electrical trade specialists can use the "DesignPro™ Edition Gira" software (Gira Order No. 1423 00) from Avery Zweckform. Gira offers suitable A4 size inscription sheets.

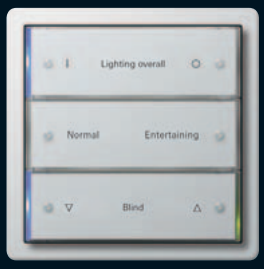
1
Gira push button sensor 3 Basic, 3-gang, anthracite, Gira E2, anthracite

2
Gira push button sensor 3 Comfort, 3-gang, pure white, Gira F100, pure white glossy

3
Gira push button sensor 3 Plus, 2-gang, stainless steel with laser inscription, Gira E22 Stainless Steel



1



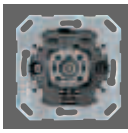
2



3

	Order no.	Packing unit	PS

Push button-bus coupler

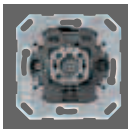


KNX/EIB
push-button bus coupler, 1-gang with single-point operation and status LED

Flush-mounted	**0181 00**	1/5	06

Product family: Buttons
Product type: Buttons, 1-gang
The push-button bus coupler is the interface between the KNX and the user.
The 1-gang rockers from the flush-mounted switch programs can be attached to the push-button bus coupler 1-gang with single-point operation (slanted rocker) (For TX_44 IP 20, please use intermediate plate **0289 ..** and cover plate from System 55). Integration in F100 **not** possible).
When using the status LED, please use rockers with control window.
The following functions can be realised with the 1-gang push-button bus coupler with single-point operation:
Function: Switching (pressing)
LED: Permanent-on/permanent-off/status
Suitable for claw attachment.
Power consumption: max. 150 mW
Connections: KNX/EIB via connection and branch terminal **0595 00**
Temperature range: -5 °C to +45 °C
Protection type: IP 20

KNX/EIB connection and branch terminal 0595 00 → Page 510.
Suitable cover plate for System 55, S-Color, E22:
0209 .., 0216 .., 0217 .., 0218 .., 0261 .., 0285 .., 0286 .., 0287 .., 0290 .., 0296 .., 0298 .., 0299 .., 0630 .., 0670 .., 0673 .., 0674 .., 0676 .., 0679 ..

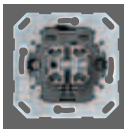


KNX/EIB
push-button bus coupler, 1-gang with two-point operation and status LED

Flush-mounted	**0184 00**	1/5	06

Product family: Buttons
Product type: Buttons, 1-gang
The push-button bus coupler is the interface between the KNX and the user.
The 1-gang rockers from the flush-mounted switch programs can be attached to the push-button bus coupler 1-gang with two-point operation (vertically positioned rocker) (For TX_44 IP 20, please use intermediate plate **0289 ..** and cover plate from System 55). Integration in F100 **not** possible).
When using the status LED, please use rockers with control window.
The following functions can be realised with the 1-gang push-button bus coupler with two-point operation:
Function: Switching (pressing), blind,
Dimming with stop telegram
Dimming with cyclical transmission
LED: Permanent-on/permanent-off/status,
rocker up/status,
rocker down/status LED
invertible (orientation light)
Suitable for claw attachment.
Power consumption: max. 150 mW
Connections: KNX/EIB via connection and branch terminal **0595 00**
Temperature range: -5 °C to +45 °C
Protection type: IP 20

KNX/EIB connection and branch terminal 0595 00 → Page 510.
Suitable cover plate for System 55, S-Color, E22:
0209 .., 0216 .., 0217 .., 0218 .., 0261 .., 0285 .., 0286 .., 0287 .., 0290 .., 0296 .., 0298 .., 0299 .., 0630 .., 0670 .., 0674 .., 0676 ..

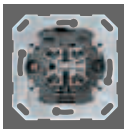


KNX/EIB
push-button bus coupler, 2-gang with single-point operation

Flush-mounted	**0182 00**	1/5	06

Product family: Buttons
Product type: Buttons, 2-gang
The push-button bus coupler is the interface between the KNX and the user.
The series rockers from the flush-mounted switch programs can be attached to the push-button bus coupler 2-gang with single-point operation (slanted rocker) (For TX_44 IP 20, please use intermediate plate **0289 ..** and cover plate from System 55). Integration in F100 **not** possible).
The following functions can be realised with the 2-gang push-button bus coupler with single-point operation:
Function: Switching (pressing), blind,
Dimming with stop telegram
Dimming with cyclical transmission
Suitable for claw attachment.
Power consumption: max. 150 mW
Connections: KNX/EIB via connection and branch terminal **0595 00**
Temperature range: -5 °C to +45 °C
Protection type: IP 20

KNX/EIB connection and branch terminal 0595 00 → Page 510.
Suitable cover plate for System 55, S-Color, E22:
0294 .., 0295 ..



KNX/EIB
push-button bus coupler, 2-gang with two-point operation

Flush-mounted	**0185 00**	1/5	06

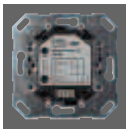
Product family: Buttons
Product type: Buttons, 2-gang
The push-button bus coupler is the interface between the KNX and the user.
The series rockers from the flush-mounted switch programs can be attached to the push-button bus coupler 2-gang with two-point operation (vertically positioned rocker) (For TX_44 IP 20, please use intermediate plate **0289 ..** and cover plate from System 55). Integration in F100 **not** possible).
The following functions can be realised with the 2-gang push-button bus coupler with two-point operation:
Function: Switching (pressing), blind,
Dimming with stop telegram
Dimming with cyclical transmission
Suitable for claw attachment.
Power consumption: max. 150 mW
Connections: KNX/EIB via connection and branch terminal **0595 00**
Temperature range: -5 °C to +45 °C
Protection type: IP 20

KNX/EIB connection and branch terminal 0595 00 → Page 510.
Suitable cover plate for System 55, S-Color, E22:
0295 .., 1150 ..

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Bus coupler



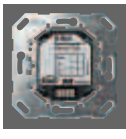
KNX/EIB bus coupler

Bus coupler	**0570 00**	1/5	06

Product family: System devices
Product type: Bus coupler
The flush-mounted bus coupler is the interface between the bus and the user module, e.g. push button sensor, info display, continuous regulator, data interface etc. The bus coupler can receive, send and evaluate telegrams. It contains the address, the system program and user-specific programs. Release of the programming of the physical address by pressing the programming button.
Status indication by red programming LED.
Only suitable for flush-mounted wall boxes with screw attachment.

Power consumption:	max. 150 mW
Connections:	KNX/EIB via connection and branch terminal **0595 00** User module via plug connector 2 x 5-pole
Temperature range:	-5 °C to +45 °C
Protection type:	IP 20
Dimensions:	Installation depth 32 mm

KNX/EIB connection and branch terminal 0595 00 → Page 510.



KNX/EIB bus coupler 3

Bus coupler 3	**2008 00**	1/5	06
with external sensor			
Bus coupler 3 external sensor	**2009 00**	1/5	06

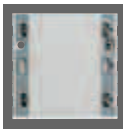
The bus coupler 3 connects a KNX system to a KNX application module (e.g. a push button sensor 3).
The combination of bus coupler 3 and application module represents a functional unit. In the ETS project, this unit is configured in the form of the application program of the application module.
In addition, a remote temperature sensor can be connected to the bus coupler 3 with external sensor **2009 00**. This enables a room temperature controller to record the temperature at an additional measuring point.

Protection class:	III
Temperature range:	-5 °C to +45 °C

Remote sensor 1493 00 → Page 510.

	Order no.	Packing unit	PS

Push button sensor 3 Basic 1-gang



Push button sensor 3 Basic 1-gang

System 55/E22

	5111 00	1/5	06
Bus coupler 3	**2008 00**	1/5	06

Product features:
- Two red status LEDs per operating surface
- Illumination of inscription space
- Installation to bus coupler 3
- Configuration and start-up from ETS3.0d, patch A
- Disassembly safeguard implemented via screw fastening
- Neutral inscription labels included

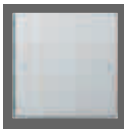
Properties:
- Illumination of inscription space function and status LED function can be configured
- Rocker function: switching, dimming, blind, value transmission and scene auxiliary unit

The push button sensor is supplied with a neutral start-up rocker. The suitable rocker set for the switch range must be ordered separately.

Temperature range: -5 °C to +45 °C
Protection class: III

Rocker set 1-gang System 55 2131 .. → Page 50.
Rocker set 1-gang E22 and Stainless Steel 2131 .. → Page 147.
Inscription sheets 1090 00 → Page 295.
Bus coupler 3 2008 00 → Page 423.

	Order no.	Packing unit	PS



Push button sensor 3 Basic 1-gang

Gira F100

cream white glossy	**2021 111**	1/5	06
pure white glossy	**2021 112**	1/5	06
Bus coupler 3	**2008 00**	1/5	06

Product features:
- Two blue status LEDs per operating surface
- White operating LED
- Installation to bus coupler 3
- Configuration and start-up from ETS3.0d, patch A
- Disassembly safeguard implemented via fastening
- Neutral inscription labels included
- Professional labelling via the Gira Inscription Service **www.marking.gira.com**.

Properties:
- Operating LED and status LED function can be configured
- Rocker function: switching, dimming, blind, value transmission and scene auxiliary unit

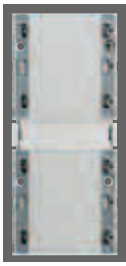
Temperature range: -5 °C to +45 °C
Protection class: III

Inscription sheets 2871 .. → Page 295.
Bus coupler 3 2008 00 → Page 423.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Push button sensor 3 Basic 2-gang



Push button sensor 3 Basic 2-gang (1+1)

System 55/E22

	5112 00	1	06
Second support ring	**1127 00**	5/25	06
Bus coupler 3	**2008 00**	1/5	06

Product features:
- Two red status LEDs per operating surface
- Illumination of inscription space
- Installation to bus coupler 3
- Configuration and start-up from ETS3.0d, patch A
- Disassembly safeguard implemented via screw fastening
- Neutral inscription labels included

Properties:
- Illumination of inscription space function and status LED function can be configured
- Rocker function: switching, dimming, blind, value transmission and scene auxiliary unit

The push button sensor is supplied with a neutral start-up rocker. The suitable rocker set for the switch range must be ordered separately.

Temperature range: -5 °C to +45 °C
Protection class: III

Installation only possible in combination with System 55 or E22 cover frame, 2-gang without crossbar 1002 .., 2886 .. .
Rocker set 2-gang System 55 2132 .. → Page 50.
Rocker set 2-gang E22 2132 .. → Page 147.
Inscription sheets 1090 00 → Page 295.
Bus coupler 3 2008 00 → Page 423.



Push button sensor 3 Basic 2-gang

Gira F100

cream white glossy	**2022 111**	1/5	06
pure white glossy	**2022 112**	1/5	06
Bus coupler 3	**2008 00**	1/5	06

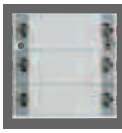
Product features:
- Two blue status LEDs per operating surface
- White operating LED
- Installation to bus coupler 3
- Configuration and start-up from ETS3.0d, patch A
- Disassembly safeguard implemented via fastening
- Neutral inscription labels included
- Professional labelling via the Gira Inscription Service **www.marking.gira.com**.

Properties:
- Operating LED and status LED function can be configured
- Rocker function: switching, dimming, blind, value transmission and scene auxiliary unit

Temperature range: -5 °C to +45 °C
Protection class: III

Inscription sheets 2872 .. → Page 295.
Bus coupler 3 2008 00 → Page 423.

Push button sensor 3 Basic 3-gang



Push button sensor 3 Basic 3-gang

System 55/E22

	5113 00	1/5	06
Bus coupler 3	**2008 00**	1/5	06

Product features:
- Two red status LEDs per operating surface
- Illumination of inscription space
- Installation to bus coupler 3
- Configuration and start-up from ETS3.0d, patch A
- Disassembly safeguard implemented via screw fastening
- Neutral inscription labels included

Properties:
- Illumination of inscription space function and status LED function can be configured
- Rocker function: switching, dimming, blind, value transmission and scene auxiliary unit

The push button sensor is supplied with a neutral start-up rocker. The suitable rocker set for the switch range must be ordered separately.

Temperature range: -5 °C to +45 °C
Protection class: III

Rocker set 3-gang System 55 2133 .. → Page 50.
Rocker set 3-gang E22 and Stainless Steel 2133 .. → Page 147.
Inscription sheets 1090 00 → Page 295.
Bus coupler 3 2008 00 → Page 423.



Push button sensor 3 Basic 3-gang

Gira F100

cream white glossy	**2023 111**	1	06
pure white glossy	**2023 112**	1	06
Bus coupler 3	**2008 00**	1/5	06

Product features:
- Two blue status LEDs per operating surface
- White operating LED
- Installation to bus coupler 3
- Configuration and start-up from ETS3.0d, patch A
- Disassembly safeguard implemented via fastening
- Neutral inscription labels included
- Professional labelling via the Gira Inscription Service **www.marking.gira.com**.

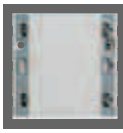
Properties:
- Operating LED and status LED function can be configured
- Rocker function: switching, dimming, blind, value transmission and scene auxiliary unit

Temperature range: -5 °C to +45 °C
Protection class: III

Inscription sheets 2873 .. → Page 295.
Bus coupler 3 2008 00 → Page 423.

	Order no.	Packing unit	PS

Push button sensor 3 Comfort 1-gang



Push button sensor 3 Comfort 1-gang

System 55/E22

	5131 00	1/5	06
Bus coupler 3	**2008 00**	1/5	06

Product features:
- Multicoloured status LED (red, green, blue) can be configured via the ETS
- Two status LEDs per operating surface
- Illumination of inscription space
- Integrated temperature sensor for measuring and forwarding of ambient room temperature
- Installation to bus coupler 3
- Configuration and start-up from ETS3.0d, patch A
- Disassembly safeguard implemented via screw fastening
- Neutral inscription labels included

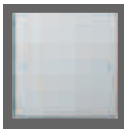
Properties:
- Rocker function or button function can be set for each operating surface
- Rocker function: switching, dimming, blind control, value transmission 1 byte, value transmission 2 bytes, scene auxiliary unit and room temperature controller auxiliary unit
- Button function: switching, dimming, blind control, value transmission 1 byte, value transmission 2 bytes, scene auxiliary unit and room temperature controller auxiliary unit
- Controller auxiliary unit: Operating mode changeover with normal and high priority, defined selection of operating mode, switching between various operating modes, switching of presence condition, setpoint offset
- Blocker for blocking individual buttons or rockers
- Display of an alarm message via flashing of all LEDs
- Colour of status LED (red, green, blue) is globally configurable or separately configurable. A superimposed function can be activated on the bus whereby the colour and information display of an individual status LED can be modified according to priority.
- Illumination of inscription space ON, OFF, automatic switch-off or switchable via object.
- Communication object for brightness control of status LED and illumination of inscription space (e.g. for reducing brightness in bedrooms at night)

The push button sensor is supplied with a neutral start-up rocker. The suitable rocker set for the switch range must be ordered separately.

Temperature range: -5 °C to +45 °C
Protection class: III

Rocker set 1-gang System 55 2131 .. → Page 50.
Rocker set 1-gang E22 and Stainless Steel 2131 .. → Page 147.
Inscription sheets 1090 00 → Page 295.
Bus coupler 3 2008 00 → Page 423.

	Order no.	Packing unit	PS



Push button sensor 3 Comfort 1-gang

Gira F100

cream white glossy	**2031 111**	1/5	06
pure white glossy	**2031 112**	1/5	06
Bus coupler 3	**2008 00**	1/5	06

Product features:
- Multicoloured status LED (red, green, blue) can be configured via the ETS
- Two status LEDs per operating surface
- White operating LED
- Integrated temperature sensor for measuring and forwarding of ambient room temperature
- Installation to bus coupler 3
- Configuration and start-up from ETS3.0d, patch A
- Disassembly safeguard implemented via screw fastening
- Neutral inscription labels included
- Professional labelling via the Gira Inscription Service **www.marking.gira.com**.

Properties:
- Rocker function or button function can be set for each operating surface
- Rocker function: switching, dimming, blind control, value transmission 1 byte, value transmission 2 bytes and scene auxiliary unit
- Button function: switching, dimming, blind control, value transmission 1 byte, value transmission 2 bytes, scene auxiliary unit and room temperature controller auxiliary unit
- Controller auxiliary unit: Operating mode changeover with normal and high priority, defined selection of operating mode, switching between various operating modes, switching of presence condition, setpoint offset
- Blocker for blocking individual buttons or rockers
- Display of an alarm message via flashing of all LEDs
- Colour of status LED (red, green, blue) is globally configurable or separately configurable. A superimposed function can be activated on the bus whereby the colour and information display of an individual status LED can be modified according to priority.
- Operating LED ON, OFF, automatic switch-off or switchable via object.
- Communication object for brightness control of status LED and operating LED (e.g. for reducing brightness in bedrooms at night)

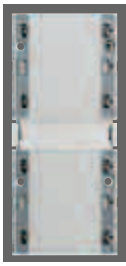
Temperature range: -5 °C to +45 °C
Protection class: III

Inscription sheets 2871 .. → Page 295.
Bus coupler 3 2008 00 → Page 423.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Push button sensor 3 Comfort 2-gang



Push button sensor 3 Comfort 2-gang (1+1)

System 55/E22

	5132 00	1	06
Second support ring	**1127 00**	5/25	06
Bus coupler 3	**2008 00**	1/5	06

Product features:
- Multicoloured status LED (red, green, blue) can be configured via the ETS
- Two status LEDs per operating surface
- Illumination of inscription space
- Integrated temperature sensor for measuring and forwarding of ambient room temperature
- Installation to bus coupler 3
- Configuration and start-up from ETS3.0d, patch A
- Disassembly safeguard implemented via screw fastening
- Neutral inscription labels included

Properties:
- Rocker function or button function can be set for each operating surface
- Rocker function: switching, dimming, blind control, value transmission 1 byte, value transmission 2 bytes, scene auxiliary unit and room temperature controller auxiliary unit
- Button function: switching, dimming, blind control, value transmission 1 byte, value transmission 2 bytes, scene auxiliary unit and room temperature controller auxiliary unit
- Controller auxiliary unit: Operating mode changeover with normal and high priority, defined selection of operating mode, switching between various operating modes, switching of presence condition, setpoint offset
- Blocker for blocking individual buttons or rockers
- Display of an alarm message via flashing of all LEDs
- Colour of status LED (red, green, blue) is globally configurable or separately configurable. A superimposed function can be activated on the bus whereby the colour and information display of an individual status LED can be modified according to priority.
- Illumination of inscription space ON, OFF, automatic switch-off or switchable via object.
- Communication object for brightness control of status LED and illumination of inscription space (e.g. for reducing brightness in bedrooms at night)

The push button sensor is supplied with a neutral start-up rocker. The suitable rocker set for the switch range must be ordered separately.

Temperature range: -5 °C to +45 °C
Protection class: III

Installation only possible in combination with System 55 or E22 cover frame, 2-gang without crossbar 1002 .., 2886 .. .
Rocker set 2-gang System 55 2132 .. → Page 50.
Rocker set 2-gang E22 2132 .. → Page 147.
Inscription sheets 1090 00 → Page 295.
Bus coupler 3 2008 00 → Page 423.

	Order no.	Packing unit	PS



Push button sensor 3 Comfort 2-gang

Gira F100

cream white glossy	**2032 111**	1/5	06
pure white glossy	**2032 112**	1/5	06
Bus coupler 3	**2008 00**	1/5	06

Product features:
- Multicoloured status LED (red, green, blue) can be configured via the ETS
- Two status LEDs per operating surface
- White operating LED
- Integrated temperature sensor for measuring and forwarding of ambient room temperature
- Installation to bus coupler 3
- Configuration and start-up from ETS3.0d, patch A
- Disassembly safeguard implemented via screw fastening
- Neutral inscription labels included
- Professional labelling via the Gira Inscription Service **www.marking.gira.com**.

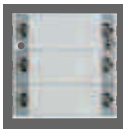
Properties:
- Rocker function or button function can be set for each operating surface
- Rocker function: switching, dimming, blind control, value transmission 1 byte, value transmission 2 bytes and scene auxiliary unit
- Button function: switching, dimming, blind control, value transmission 1 byte, value transmission 2 bytes, scene auxiliary unit and room temperature controller auxiliary unit
- Controller auxiliary unit: Operating mode changeover with normal and high priority, defined selection of operating mode, switching between various operating modes, switching of presence condition, setpoint offset
- Blocker for blocking individual buttons or rockers
- Display of an alarm message via flashing of all LEDs
- Colour of status LED (red, green, blue) is globally configurable or separately configurable. A superimposed function can be activated on the bus whereby the colour and information display of an individual status LED can be modified according to priority.
- Operating LED ON, OFF, automatic switch-off or switchable via object.
- Communication object for brightness control of status LED and operating LED (e.g. for reducing brightness in bedrooms at night)

Temperature range: -5 °C to +45 °C
Protection class: III

Inscription sheets 2872 .. → Page 295.
Bus coupler 3 2008 00 → Page 423.

	Order no.	Packing unit	PS

Push button sensor 3 Comfort 3-gang



Push button sensor 3 Comfort 3-gang

System 55/E22			
	5133 00	1/5	06
Bus coupler 3	**2008 00**	1/5	06

Product features:
- Multicoloured status LED (red, green, blue) can be configured via the ETS
- Two status LEDs per operating surface
- Illumination of inscription space
- Integrated temperature sensor for measuring and forwarding of ambient room temperature
- Installation to bus coupler 3
- Configuration and start-up from ETS3.0d, patch A
- Disassembly safeguard implemented via screw fastening
- Neutral inscription labels included

Properties:
- Rocker function or button function can be set for each operating surface
- Rocker function: switching, dimming, blind control, value transmission 1 byte, value transmission 2 bytes, scene auxiliary unit and room temperature controller auxiliary unit
- Button function: switching, dimming, blind control, value transmission 1 byte, value transmission 2 bytes, scene auxiliary unit and room temperature controller auxiliary unit
- Controller auxiliary unit: Operating mode changeover with normal and high priority, defined selection of operating mode, switching between various operating modes, switching of presence condition, setpoint offset
- Blocker for blocking individual buttons or rockers
- Display of an alarm message via flashing of all LEDs
- Colour of status LED (red, green, blue) is globally configurable or separately configurable. A superimposed function can be activated on the bus whereby the colour and information display of an individual status LED can be modified according to priority.
- Illumination of inscription space ON, OFF, automatic switch-off or switchable via object.
- Communication object for brightness control of status LED and illumination of inscription space (e.g. for reducing brightness in bedrooms at night)

The push button sensor is supplied with a neutral start-up rocker. The suitable rocker set for the switch range must be ordered separately.

Temperature range: -5 °C to +45 °C
Protection class: III

Rocker set 3-gang System 55 2133 .. → Page 50.
Rocker set 3-gang E22 and Stainless Steel 2133 .. → Page 147.
Inscription sheets 1090 00 → Page 295.
Bus coupler 3 2008 00 → Page 423.

	Order no.	Packing unit	PS



Push button sensor 3 Comfort 3-gang

Gira F100			
cream white glossy	**2033 111**	1/5	06
pure white glossy	**2033 112**	1/5	06
Bus coupler 3	**2008 00**	1/5	06

Product features:
- Multicoloured status LED (red, green, blue) can be configured via the ETS
- Two status LEDs per operating surface
- White operating LED
- Integrated temperature sensor for measuring and forwarding of ambient room temperature
- Installation to bus coupler 3
- Configuration and start-up from ETS3.0d, patch A
- Disassembly safeguard implemented via screw fastening
- Neutral inscription labels included
- Professional labelling via the Gira Inscription Service **www.marking.gira.com**.

Properties:
- Rocker function or button function can be set for each operating surface
- Rocker function: switching, dimming, blind control, value transmission 1 byte, value transmission 2 bytes and scene auxiliary unit
- Button function: switching, dimming, blind control, value transmission 1 byte, value transmission 2 bytes, scene auxiliary unit and room temperature controller auxiliary unit
- Controller auxiliary unit: Operating mode changeover with normal and high priority, defined selection of operating mode, switching between various operating modes, switching of presence condition, setpoint offset
- Blocker for blocking individual buttons or rockers
- Display of an alarm message via flashing of all LEDs
- Colour of status LED (red, green, blue) is globally configurable or separately configurable. A superimposed function can be activated on the bus whereby the colour and information display of an individual status LED can be modified according to priority.
- Operating LED ON, OFF, automatic switch-off or switchable via object.
- Communication object for brightness control of status LED and operating LED (e.g. for reducing brightness in bedrooms at night)

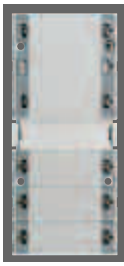
Temperature range: -5 °C to +45 °C
Protection class: III

Inscription sheets 2873 .. → Page 295.
Bus coupler 3 2008 00 → Page 423.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Push button sensor 3 Comfort 4-gang



Push button sensor 3 Comfort 4-gang (1+3)

System 55/E22

	5134 00	1	06
Second support ring	**1127 00**	5/25	06
Bus coupler 3	**2008 00**	1/5	06

Product features:
- Multicoloured status LED (red, green, blue) can be configured via the ETS
- Two status LEDs per operating surface
- Illumination of inscription space
- Integrated temperature sensor for measuring and forwarding of ambient room temperature
- Installation to bus coupler 3
- Configuration and start-up from ETS3.0d, patch A
- Disassembly safeguard implemented via screw fastening
- Neutral inscription labels included

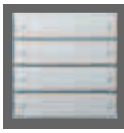
Properties:
- Rocker function or button function can be set for each operating surface
- Rocker function: switching, dimming, blind control, value transmission 1 byte, value transmission 2 bytes, scene auxiliary unit and room temperature controller auxiliary unit
- Button function: switching, dimming, blind control, value transmission 1 byte, value transmission 2 bytes, scene auxiliary unit and room temperature controller auxiliary unit
- Controller auxiliary unit: Operating mode changeover with normal and high priority, defined selection of operating mode, switching between various operating modes, switching of presence condition, setpoint offset
- Blocker for blocking individual buttons or rockers
- Display of an alarm message via flashing of all LEDs
- Colour of status LED (red, green, blue) is globally configurable or separately configurable. A superimposed function can be activated on the bus whereby the colour and information display of an individual status LED can be modified according to priority.
- Illumination of inscription space ON, OFF, automatic switch-off or switchable via object.
- Communication object for brightness control of status LED and illumination of inscription space (e.g. for reducing brightness in bedrooms at night)

The push button sensor is supplied with a neutral start-up rocker. The suitable rocker set for the switch range must be ordered separately.

Temperature range: -5 °C to +45 °C
Protection class: III

Installation only possible in combination with System 55 or E22 cover frame, 2-gang without crossbar 1002 .., 2886 .. .
Rocker set 4-gang System 55 2134 .. → Page 50.
Rocker set 4-gang E22 2134 .. → Page 147.
Inscription sheets 1090 00 → Page 295.
Bus coupler 3 2008 00 → Page 423.

	Order no.	Packing unit	PS



Push button sensor 3 Comfort 4-gang

Gira F100

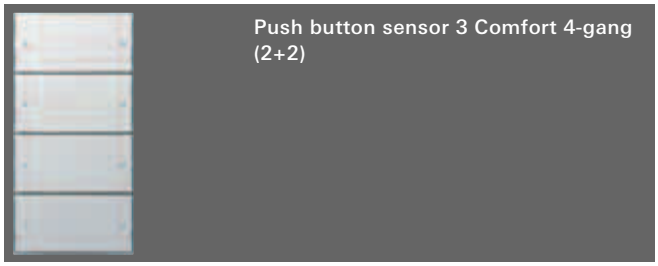
cream white glossy	**2034 111**	1	06
pure white glossy	**2034 112**	1	06
Bus coupler 3	**2008 00**	1/5	06

Product features:
- Multicoloured status LED (red, green, blue) can be configured via the ETS
- Two status LEDs per operating surface
- White operating LED
- Integrated temperature sensor for measuring and forwarding of ambient room temperature
- Installation to bus coupler 3
- Configuration and start-up from ETS3.0d, patch A
- Disassembly safeguard implemented via screw fastening
- Neutral inscription labels included
- Professional labelling via the Gira Inscription Service **www.marking.gira.com**.

Properties:
- Rocker function or button function can be set for each operating surface
- Rocker function: switching, dimming, blind control, value transmission 1 byte, value transmission 2 bytes and scene auxiliary unit
- Button function: switching, dimming, blind control, value transmission 1 byte, value transmission 2 bytes, scene auxiliary unit and room temperature controller auxiliary unit
- Controller auxiliary unit: Operating mode changeover with normal and high priority, defined selection of operating mode, switching between various operating modes, switching of presence condition, setpoint offset
- Blocker for blocking individual buttons or rockers
- Display of an alarm message via flashing of all LEDs
- Colour of status LED (red, green, blue) is globally configurable or separately configurable. A superimposed function can be activated on the bus whereby the colour and information display of an individual status LED can be modified according to priority.
- Operating LED ON, OFF, automatic switch-off or switchable via object.
- Communication object for brightness control of status LED and operating LED (e.g. for reducing brightness in bedrooms at night)

Temperature range: -5 °C to +45 °C
Protection class: III

Inscription sheets 2874 .. → Page 295.
Bus coupler 3 2008 00 → Page 423.



Push button sensor 3 Comfort 4-gang (2+2)

	Order no.	Packing unit	PS
Gira F100			
cream white glossy	**2035 111**	1	06
pure white glossy	**2035 112**	1	06
Second support ring	**1127 00**	5/25	06
Bus coupler 3	**2008 00**	1/5	06

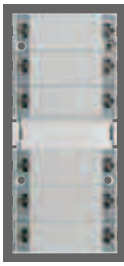
Product features:
- Multicoloured status LED (red, green, blue) can be configured via the ETS
- Two status LEDs per operating surface
- White operating LED
- Integrated temperature sensor for measuring and forwarding of ambient room temperature
- Installation to bus coupler 3
- Configuration and start-up from ETS3.0d, patch A
- Disassembly safeguard implemented via screw fastening
- Neutral inscription labels included
- Professional labelling via the Gira Inscription Service **www.marking.gira.com**.

Properties:
- Rocker function or button function can be set for each operating surface
- Rocker function: switching, dimming, blind control, value transmission 1 byte, value transmission 2 bytes and scene auxiliary unit
- Button function: switching, dimming, blind control, value transmission 1 byte, value transmission 2 bytes, scene auxiliary unit and room temperature controller auxiliary unit
- Controller auxiliary unit: Operating mode changeover with normal and high priority, defined selection of operating mode, switching between various operating modes, switching of presence condition, setpoint offset
- Blocker for blocking individual buttons or rockers
- Display of an alarm message via flashing of all LEDs
- Colour of status LED (red, green, blue) is globally configurable or separately configurable. A superimposed function can be activated on the bus whereby the colour and information display of an individual status LED can be modified according to priority.
- Operating LED ON, OFF, automatic switch-off or switchable via object.
- Communication object for brightness control of status LED and operating LED (e.g. for reducing brightness in bedrooms at night)

Temperature range: -5 °C to +45 °C
Protection class: III

Inscription sheets 2872 .. → Page 295.
Bus coupler 3 2008 00 → Page 423.

Push button sensor 3 Comfort 6-gang



Push button sensor 3 Comfort 6-gang (3+3)

	Order no.	Packing unit	PS
System 55/E22			
	5136 00	1	06
Second support ring	**1127 00**	5/25	06
Bus coupler 3	**2008 00**	1/5	06

Product features:
- Multicoloured status LED (red, green, blue) can be configured via the ETS
- Two status LEDs per operating surface
- Illumination of inscription space
- Integrated temperature sensor for measuring and forwarding of ambient room temperature
- Installation to bus coupler 3
- Configuration and start-up from ETS3.0d, patch A
- Disassembly safeguard implemented via screw fastening
- Neutral inscription labels included

Properties:
- Rocker function or button function can be set for each operating surface
- Rocker function: switching, dimming, blind control, value transmission 1 byte, value transmission 2 bytes, scene auxiliary unit and room temperature controller auxiliary unit
- Button function: switching, dimming, blind control, value transmission 1 byte, value transmission 2 bytes, scene auxiliary unit and room temperature controller auxiliary unit
- Controller auxiliary unit: Operating mode changeover with normal and high priority, defined selection of operating mode, switching between various operating modes, switching of presence condition, setpoint offset
- Blocker for blocking individual buttons or rockers
- Display of an alarm message via flashing of all LEDs
- Colour of status LED (red, green, blue) is globally configurable or separately configurable. A superimposed function can be activated on the bus whereby the colour and information display of an individual status LED can be modified according to priority.
- Illumination of inscription space ON, OFF, automatic switch-off or switchable via object.
- Communication object for brightness control of status LED and illumination of inscription space (e.g. for reducing brightness in bedrooms at night)

The push button sensor is supplied with a neutral start-up rocker. The suitable rocker set for the switch range must be ordered separately.

Temperature range: -5 °C to +45 °C
Protection class: III

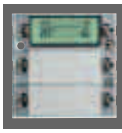
Installation only possible in combination with System 55 or E22 cover frame, 2-gang without crossbar 1002 .., 2886 .. .

Rocker set 6-gang System 55 2136 .. → Page 50.
Rocker set 6-gang E22 2136 .. → Page 147.
Inscription sheets 1090 00 → Page 295.
Bus coupler 3 2008 00 → Page 423.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Push button sensor 3 Plus 2-gang



Push button sensor 3 Plus 2-gang

System 55/E22

	5142 00	1	06
Bus coupler 3	**2008 00**	1/5	06
Bus coupler 3 external sensor	**2009 00**	1/5	06

Product features:
- Graphic display with backlighting and various display possibilities, e.g. temperature, time, date, alarm texts, information texts
- Multicoloured status LED (red, green, blue) can be configured via the ETS
- Two status LEDs per operating surface
- Illumination of inscription space
- Integrated temperature sensor for measuring ambient room temperature
- Installation to bus coupler 3 or bus coupler 3 external sensor
- Configuration and start-up from ETS3.0d, patch A
- Disassembly safeguard via screw fastening
- Neutral inscription labels included

Push button sensor properties:
- Rocker function or button function can be set for each operating surface
- Rocker function: switching, dimming, blind control, value transmission 1 byte, value transmission 2 bytes, scene auxiliary unit, 2-channel operation and manual fan control
- Button function: switching, dimming, blind control, value transmission 1 byte, value transmission 2 bytes, scene auxiliary unit, 2-channel operation, controller auxiliary unit, controller operation, heater clock operation and manual fan control
- Controller auxiliary unit or controller operation: operating mode changeover, (defined selection of operating mode or switching between various operating modes with controller auxiliary unit), switching of presence condition, setpoint offset
- Blocker for blocking individual buttons or rockers
- Display of an alarm message via flashing of all LEDs
- Colour of status LED (red, green, blue) is globally configurable or separately configurable in each case. A superimposed function can be activated on the bus whereby the colour and information display of an individual status LED can be modified according to priority.
- Illumination of inscription space ON, OFF, automatic switch-off or switchable via object.
- Communication object for brightness control of status LED, illumination of inscription space and backlighting of display

Room temperature controller properties:
- Operating modes: comfort, standby, night and frost protection/ heat protection with own nominal values for temperature (for heating and/or cooling)
- Comfort extension via presence button
- Frost protection/heat protection changeover via window status or via frost protection automatic function.
- Display of room temperature controller information via device display.
- Either one or two control circuits
- Various control types can be configured according to the heating or cooling level: PI control (constant or switching PWM) or 2-point control (switching)
- Control parameters for PI controllers and 2-point controllers can be set
- Internal temperature sensor and up to two external temperature sensors (1 x object, 1 x wired) possible for room temperature measurement
- Optional external wired remote sensor **1493 00** for e.g. plaster sensor with floor heating
- Heating clock with 28 switching times

	Order no.	Packing unit	PS

Functions of the LC display:
- Graphic display with switchable LED backlighting
- 1-range or 2-range display
- Text information in the display in languages: German, English, Dutch, Norwegian, Russian and Polish. Other languages available via the internet.

The push button sensor is supplied with neutral start-up rockers. The suitable rockers for the switch range must be ordered separately.

Temperature range: -5 °C to +45 °C
Protection class: III

Rocker set 2-gang Plus System 55 2142 .. → Page 50.
Rocker set 2-gang Plus E22 and Stainless Steel 2142 .. → Page 147.
Inscription sheets 1089 00 → Page 295.
Bus coupler 3 external sensor 2009 00 → Page 423.
Bus coupler 3 2008 00 → Page 423.
Remote sensor 1493 00 → Page 510.



Push button sensor 3 Plus 2-gang

	Order no.	Packing unit	PS
Gira F100			
cream white glossy	**2042 111**	1/5	06
pure white glossy	**2042 112**	1/5	06
Bus coupler 3	**2008 00**	1/5	06
Bus coupler 3 external sensor	**2009 00**	1/5	06

Product features:
- Graphic display with backlighting and various display possibilities, e.g. temperature, time, date, alarm texts, information texts
- Multicoloured status LED (red, green, blue) can be configured via the ETS
- Two status LEDs per operating surface
- White operating LED
- Integrated temperature sensor for measuring ambient room temperature
- Installation to bus coupler 3 or bus coupler 3 external sensor
- Configuration and start-up from ETS3.0d, patch A
- Disassembly safeguard implemented via screw fastening
- Neutral inscription labels included
- Professional labelling via the Gira Inscription Service **www.marking.gira.com**.

Push button sensor properties:
- Rocker function or button function can be set for each operating surface
- Rocker function: switching, dimming, blind control, value transmission 1 byte, value transmission 2 bytes, scene auxiliary unit, 2-channel operation and manual fan control
- Button function: switching, dimming, blind control, value transmission 1 byte, value transmission 2 bytes, scene auxiliary unit, 2-channel operation, controller auxiliary unit, controller operation, heater clock operation and manual fan control
- Controller auxiliary unit or controller operation: operating mode changeover, (defined selection of operating mode or switching between various operating modes with controller auxiliary unit), switching of presence condition, setpoint offset
- Blocker for blocking individual buttons or rockers
- Display of an alarm message via flashing of all LEDs
- Colour of status LED (red, green, blue) is globally configurable or separately configurable in each case. A superimposed function can be activated on the bus whereby the colour and information display of an individual status LED can be modified according to priority.
- Operating LED ON, OFF, automatic switch-off or switchable via object.
- Communication object for brightness control of status LED, operating LED and backlighting of display

Room temperature controller properties:
- Operating modes: comfort, standby, night and frost protection/ heat protection with own nominal values for temperature (for heating and/or cooling)
- Comfort extension via presence button
- Frost protection/heat protection changeover via window status or via frost protection automatic function.
- Display of room temperature controller information via device display.
- Either one or two control circuits
- Various control types can be configured according to the heating or cooling level: PI control (constant or switching PWM) or 2-point control (switching)
- Control parameters for PI controllers and 2-point controllers can be set
- Internal temperature sensor and up to two external temperature sensors (1 x object, 1 x wired) possible for room temperature measurement
- Optional external wired remote sensor **1493 00** for e.g. plaster sensor with floor heating
- Heating clock with 28 switching times

Functions of the LC display:
- Graphic display with switchable LED backlighting
- 1-range or 2-range display
- Text information in the display in languages: German, English, Dutch, Norwegian, Russian and Polish. Other languages available via the internet.

Temperature range: -5 °C to +45 °C
Protection class: III

Inscription sheets 2874 .. → Page 295.
Bus coupler 3 external sensor 2009 00 → Page 423.
Bus coupler 3 2008 00 → Page 423.
Remote sensor 1493 00 → Page 510.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Push button sensor 3 Plus 3-gang



Push button sensor 3 Plus 3-gang (1+2)

Gira F100			
cream white glossy	**2043 111**	1	06
pure white glossy	**2043 112**	1	06
Second support ring	**1127 00**	5/25	06
Bus coupler 3	**2008 00**	1/5	06
Bus coupler 3 external sensor	**2009 00**	1/5	06

Product features:

- Graphic display with backlighting and various display possibilities, e.g. temperature, time, date, alarm texts, information texts
- Multicoloured status LED (red, green, blue) can be configured via the ETS
- Two status LEDs per operating surface
- White operating LED
- Integrated temperature sensor for measuring ambient room temperature
- Installation to bus coupler 3 or bus coupler 3 external sensor
- Configuration and start-up from ETS3.0d, patch A
- Disassembly safeguard implemented via screw fastening
- Neutral inscription labels included
- Professional labelling via the Gira Inscription Service **www.marking.gira.com**.

Push button sensor properties:

- Rocker function or button function can be set for each operating surface
- Rocker function: switching, dimming, blind control, value transmission 1 byte, value transmission 2 bytes, scene auxiliary unit, 2-channel operation and manual fan control
- Button function: switching, dimming, blind control, value transmission 1 byte, value transmission 2 bytes, scene auxiliary unit, 2-channel operation, controller auxiliary unit, controller operation, heater clock operation and manual fan control
- Controller auxiliary unit or controller operation: operating mode changeover, (defined selection of operating mode or switching between various operating modes with controller auxiliary unit), switching of presence condition, setpoint offset
- Blocker for blocking individual buttons or rockers
- Display of an alarm message via flashing of all LEDs
- Colour of status LED (red, green, blue) is globally configurable or separately configurable in each case. A superimposed function can be activated on the bus whereby the colour and information display of an individual status LED can be modified according to priority.
- Operating LED ON, OFF, automatic switch-off or switchable via object.
- Communication object for brightness control of status LED, operating LED and backlighting of display

	Order no.	Packing unit	PS

Room temperature controller properties:

- Operating modes: comfort, standby, night and frost protection/ heat protection with own nominal values for temperature (for heating and/or cooling)
- Comfort extension via presence button
- Frost protection/heat protection changeover via window status or via frost protection automatic function.
- Display of room temperature controller information via device display.
- Either one or two control circuits
- Various control types can be configured according to the heating or cooling level: PI control (constant or switching PWM) or 2-point control (switching)
- Control parameters for PI controllers and 2-point controllers can be set
- Internal temperature sensor and up to two external temperature sensors (1 x object, 1 x wired) possible for room temperature measurement
- Optional external wired remote sensor **1493 00** for e.g. plaster sensor with floor heating
- Heating clock with 28 switching times

Functions of the LC display:

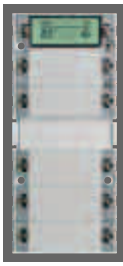
- Graphic display with switchable LED backlighting
- 1-range or 2-range display
- Text information in the display in languages: German, English, Dutch, Norwegian, Russian and Polish. Other languages available via the internet.

Temperature range: -5 °C to +45 °C
Protection class: III

Inscription sheets 2872 .. → Page 295.
Bus coupler 3 external sensor 2009 00 → Page 423.
Bus coupler 3 2008 00 → Page 423.
Remote sensor 1493 00 → Page 510.

	Order no.	Packing unit	PS

Push button sensor 3 Plus 5-gang



Push button sensor 3 Plus 5-gang (2+3)

System 55/E22

	5145 00	1	06
Second support ring	**1127 00**	5/25	06
Bus coupler 3	**2008 00**	1/5	06
Bus coupler 3 external sensor	**2009 00**	1/5	06

Product features:

- Graphic display with backlighting and various display possibilities, e.g. temperature, time, date, alarm texts, information texts
- Multicoloured status LED (red, green, blue) can be configured via the ETS
- Two status LEDs per operating surface
- Illumination of inscription space
- Integrated temperature sensor for measuring ambient room temperature
- Installation to bus coupler 3 or bus coupler 3 external sensor
- Configuration and start-up from ETS3.0d, patch A
- Disassembly safeguard via screw fastening
- Neutral inscription labels included

Push button sensor properties:

- Rocker function or button function can be set for each operating surface
- Rocker function: switching, dimming, blind control, value transmission 1 byte, value transmission 2 bytes, scene auxiliary unit, 2-channel operation and manual fan control
- Button function: switching, dimming, blind control, value transmission 1 byte, value transmission 2 bytes, scene auxiliary unit, 2-channel operation, controller auxiliary unit, controller operation, heater clock operation and manual fan control
- Controller auxiliary unit or controller operation: operating mode changeover, (defined selection of operating mode or switching between various operating modes with controller auxiliary unit), switching of presence condition, setpoint offset
- Blocker for blocking individual buttons or rockers
- Display of an alarm message via flashing of all LEDs
- Colour of status LED (red, green, blue) is globally configurable or separately configurable in each case. A superimposed function can be activated on the bus whereby the colour and information display of an individual status LED can be modified according to priority.
- Illumination of inscription space ON, OFF, automatic switch-off or switchable via object.
- Communication object for brightness control of status LED, illumination of inscription space and backlighting of display

Room temperature controller properties:

- Operating modes: comfort, standby, night and frost protection/ heat protection with own nominal values for temperature (for heating and/or cooling)
- Comfort extension via presence button
- Frost protection/heat protection changeover via window status or via frost protection automatic function.
- Display of room temperature controller information via device display.
- Either one or two control circuits
- Various control types can be configured according to the heating or cooling level: PI control (constant or switching PWM) or 2-point control (switching)
- Control parameters for PI controllers and 2-point controllers can be set
- Internal temperature sensor and up to two external temperature sensors (1 x object, 1 x wired) possible for room temperature measurement
- Optional external wired remote sensor **1493 00** for e.g. plaster sensor with floor heating
- Heating clock with 28 switching times

Functions of the LC display:

- Graphic display with switchable LED backlighting
- 1-range or 2-range display
- Text information in the display in languages: German, English, Dutch, Norwegian, Russian and Polish. Other languages available via the internet.

The push button sensor is supplied with neutral start-up rockers. The suitable rockers for the switch range must be ordered separately.

Temperature range: -5 °C to +45 °C
Protection class: III

Installation only possible in combination with System 55 or E22 cover frame, 2-gang without crossbar 1002 .., 2886 .. .
Rocker set 5-gang Plus System 55 2145 .. → Page 51.
Rocker set 5-gang Plus E22 2145 .. → Page 148.
Inscription sheets 1090 00 → Page 295.
Inscription sheets 1089 00 → Page 295.
Bus coupler 3 external sensor 2009 00 → Page 423.
Bus coupler 3 2008 00 → Page 423.
Remote sensor 1493 00 → Page 510.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Push button sensor 3 Plus 6-gang



Push button sensor 3 Plus 6-gang (2+4)

Gira F100			
cream white glossy	**2046 111**	1	06
pure white glossy	**2046 112**	1	06
Second support ring	**1127 00**	5/25	06
Bus coupler 3	**2008 00**	1/5	06
Bus coupler 3 external sensor	**2009 00**	1/5	06

Product features:

- Graphic display with backlighting and various display possibilities, e.g. temperature, time, date, alarm texts, information texts
- Multicoloured status LED (red, green, blue) can be configured via the ETS
- Two status LEDs per operating surface
- White operating LED
- Integrated temperature sensor for measuring ambient room temperature
- Installation to bus coupler 3 or bus coupler 3 external sensor
- Configuration and start-up from ETS3.0d, patch A
- Disassembly safeguard implemented via screw fastening
- Neutral inscription labels included
- Professional labelling via the Gira Inscription Service **www.marking.gira.com**.

Push button sensor properties:

- Rocker function or button function can be set for each operating surface
- Rocker function: switching, dimming, blind control, value transmission 1 byte, value transmission 2 bytes, scene auxiliary unit, 2-channel operation and manual fan control
- Button function: switching, dimming, blind control, value transmission 1 byte, value transmission 2 bytes, scene auxiliary unit, 2-channel operation, controller auxiliary unit, controller operation, heater clock operation and manual fan control
- Controller auxiliary unit or controller operation: operating mode changeover, (defined selection of operating mode or switching between various operating modes with controller auxiliary unit), switching of presence condition, setpoint offset
- Blocker for blocking individual buttons or rockers
- Display of an alarm message via flashing of all LEDs
- Colour of status LED (red, green, blue) is globally configurable or separately configurable in each case. A superimposed function can be activated on the bus whereby the colour and information display of an individual status LED can be modified according to priority.
- Operating LED ON, OFF, automatic switch-off or switchable via object.
- Communication object for brightness control of status LED, operating LED and backlighting of display

	Order no.	Packing unit	PS

Room temperature controller properties:

- Operating modes: comfort, standby, night and frost protection/ heat protection with own nominal values for temperature (for heating and/or cooling)
- Comfort extension via presence button
- Frost protection/heat protection changeover via window status or via frost protection automatic function.
- Display of room temperature controller information via device display.
- Either one or two control circuits
- Various control types can be configured according to the heating or cooling level: PI control (constant or switching PWM) or 2-point control (switching)
- Control parameters for PI controllers and 2-point controllers can be set
- Internal temperature sensor and up to two external temperature sensors (1 x object, 1 x wired) possible for room temperature measurement
- Optional external wired remote sensor **1493 00** for e.g. plaster sensor with floor heating
- Heating clock with 28 switching times

Functions of the LC display:

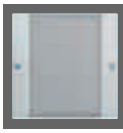
- Graphic display with switchable LED backlighting
- 1-range or 2-range display
- Text information in the display in languages: German, English, Dutch, Norwegian, Russian and Polish. Other languages available via the internet.

Temperature range: -5 °C to +45 °C
Protection class: III

Inscription sheets 2874 .. → Page 295.
Bus coupler 3 external sensor 2009 00 → Page 423.
Bus coupler 3 2008 00 → Page 423.
Remote sensor 1493 00 → Page 510.

	Order no.	Packing unit	PS

Rocker set for push button sensor 3



Rocker set 1-gang with inscription space

System 55			
clear/cream white glossy	**2131 01**	1	06
clear/pure white glossy	**2131 03**	1	06
clear/anthracite	**2131 28**	1	06
clear/colour aluminium	**2131 26**	1	06
E22			
clear/s. steel	**2131 20**	1	06
Clear/aluminium	**2131 203**	1	06
clear/pure white glossy	**2131 03**	1	06
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21	**0289 20**	5/25	11

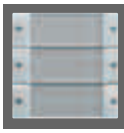
Professional labelling with the Gira Inscription Service **www.marking.gira.com**.
Push button sensor 3 Basic 1-gang 5111 00 → Page 424.
Push button sensor 3 Comfort 1-gang 5131 00 → Page 426.
Inscription sheets 1090 00 → Page 295.



Rocker set 2-gang (1+1) with inscription space

System 55			
clear/cream white glossy	**2132 01**	1	06
clear/pure white glossy	**2132 03**	1	06
clear/anthracite	**2132 28**	1	06
clear/colour aluminium	**2132 26**	1	06
E22			
clear/s. steel	**2132 20**	1	06
Clear/aluminium	**2132 203**	1	06
clear/pure white glossy	**2132 03**	1	06

Professional labelling with the Gira Inscription Service **www.marking.gira.com**.
Push button sensor 3 Basic 2-gang (1+1) 5112 00 → Page 425.
Push button sensor 3 Comfort 2-gang (1+1) 5132 00 → Page 427.
Inscription sheets 1090 00 → Page 295.



Rocker set 3-gang with inscription space

System 55			
clear/cream white glossy	**2133 01**	1	06
clear/pure white glossy	**2133 03**	1	06
clear/anthracite	**2133 28**	1	06
clear/colour aluminium	**2133 26**	1	06
E22			
clear/s. steel	**2133 20**	1	06
Clear/aluminium	**2133 203**	1	06
clear/pure white glossy	**2133 03**	1	06
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21	**0289 20**	5/25	11

Professional labelling with the Gira Inscription Service **www.marking.gira.com**.
Push button sensor 3 Basic 3-gang 5113 00 → Page 425.
Push button sensor 3 Comfort 3-gang 5133 00 → Page 428.
Inscription sheets 1090 00 → Page 295.



Rocker set 4-gang (1+3) with inscription space

System 55			
clear/cream white glossy	**2134 01**	1	06
clear/pure white glossy	**2134 03**	1	06
clear/anthracite	**2134 28**	1	06
clear/colour aluminium	**2134 26**	1	06
E22			
clear/s. steel	**2134 20**	1	06
Clear/aluminium	**2134 203**	1	06
clear/pure white glossy	**2134 03**	1	06

Professional labelling with the Gira Inscription Service **www.marking.gira.com**.
Push button sensor 3 Comfort 4-gang (1+3) 5134 00 → Page 429.
Inscription sheets 1090 00 → Page 295.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

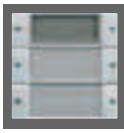


Rocker set 6-gang (3+3) with inscription space

System 55			
clear/cream white glossy	**2136 01**	1	06
clear/pure white glossy	**2136 03**	1	06
clear/anthracite	**2136 28**	1	06
clear/colour aluminium	**2136 26**	1	06
E22			
clear/s. steel	**2136 20**	1	06
Clear/aluminium	**2136 203**	1	06
clear/pure white glossy	**2136 03**	1	06

Professional labelling with the Gira Inscription Service **www.marking.gira.com**.

Push button sensor 3 Comfort 6-gang (3+3) 5136 00 → Page 430.
Inscription sheets 1090 00 → Page 295.



Rocker set 2-gang Plus with inscription space

System 55			
clear/cream white glossy	**2142 01**	1	06
clear/pure white glossy	**2142 03**	1	06
clear/anthracite	**2142 28**	1	06
clear/colour aluminium	**2142 26**	1	06
E22			
clear/s. steel	**2142 20**	1	06
Clear/aluminium	**2142 203**	1	06
clear/pure white glossy	**2142 03**	1	06
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21	**0289 20**	5/25	11

Professional labelling with the Gira Inscription Service **www.marking.gira.com**.

Push button sensor 3 Plus 2-gang 5142 00 → Page 431.
Inscription sheets 1089 00 → Page 295.

	Order no.	Packing unit	PS



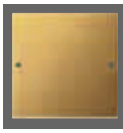
Rocker set 5-gang Plus (2+3) with inscription space

System 55			
clear/cream white glossy	**2145 01**	1	06
clear/pure white glossy	**2145 03**	1	06
clear/anthracite	**2145 28**	1	06
clear/colour aluminium	**2145 26**	1	06
E22			
clear/s. steel	**2145 20**	1	06
Clear/aluminium	**2145 203**	1	06
clear/pure white glossy	**2145 03**	1	06

Professional labelling with the Gira Inscription Service **www.marking.gira.com**.

Push button sensor 3 Plus 5-gang (2+3) 5145 00 → Page 434.
Inscription sheets 1089 00, 1090 00 → Page 295.

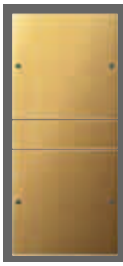
	Order no.	Packing unit	PS



Rocker set, 1-gang

System 55			
Bronze	**2131 605**	1	06
Brass	**2131 606**	1	06
E22			
Stainless Steel	**2131 210**	1	06
Aluminium	**2131 211**	1	06
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21	**0289 20**	5/25	11

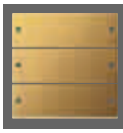
Push button sensor 3 Basic 1-gang 5111 00 → Page 424.
Push button sensor 3 Comfort 1-gang 5131 00 → Page 426.



Rocker set, 2-gang (1+1)

System 55			
Bronze	**2132 605**	1	06
Brass	**2132 606**	1	06
E22			
Stainless Steel	**2132 210**	1	06
Aluminium	**2132 211**	1	06

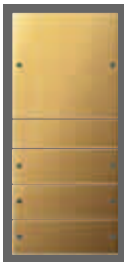
Push button sensor 3 Basic 2-gang (1+1) 5112 00 → Page 425.
Push button sensor 3 Comfort 2-gang (1+1) 5132 00 → Page 427.



Rocker set, 3-gang

System 55			
Bronze	**2133 605**	1	06
Brass	**2133 606**	1	06
E22			
Stainless Steel	**2133 210**	1	06
Aluminium	**2133 211**	1	06
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21	**0289 20**	5/25	11

Push button sensor 3 Basic 3-gang 5113 00 → Page 425.
Push button sensor 3 Comfort 3-gang 5133 00 → Page 428.



Rocker set, 4-gang (1+3)

System 55			
Bronze	**2134 605**	1	06
Brass	**2134 606**	1	06
E22			
Stainless Steel	**2134 210**	1	06
Aluminium	**2134 211**	1	06

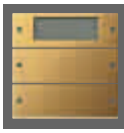
Push button sensor 3 Comfort 4-gang (1+3) 5134 00 → Page 429.



Rocker set, 6-gang (3+3)

System 55			
Bronze	**2136 605**	1	06
Brass	**2136 606**	1	06
E22			
Stainless Steel	**2136 210**	1	06
Aluminium	**2136 211**	1	06

Push button sensor 3 Comfort 6-gang (3+3) 5136 00 → Page 430.



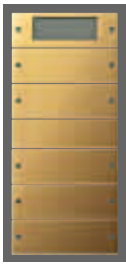
Rocker set, 2-gang Plus

System 55			
Bronze	**2142 605**	1	06
Brass	**2142 606**	1	06
E22			
Stainless Steel	**2142 210**	1	06
Aluminium	**2142 211**	1	06
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21	**0289 20**	5/25	11

Push button sensor 3 Plus 2-gang 5142 00 → Page 431.

The delivery results subject to countries specific assortments.

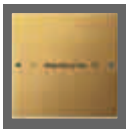
	Order no.	Packing unit	PS



Rocker set, 5-gang Plus (2+3)

System 55			
Bronze	**2145 605**	1	06
Brass	**2145 606**	1	06
E22			
Stainless Steel	**2145 210**	1	06
Aluminium	**2145 211**	1	06

Push button sensor 3 Plus 5-gang (2+3) 5145 00 → Page 434.



Rocker set, 1-gang, inscribable

System 55			
Bronze	**2131 607**	1	07
Brass	**2131 608**	1	07
E22			
Stainless Steel	**2131 212**	1	07
Aluminium	**2131 213**	1	07
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21	**0289 20**	5/25	11

The rocker set with individual inscriptions for the real material rockers is configured via the Gira inscription service at **www.marking.gira.com**. The order process is carried out by the wholesaler specified by you during rocker configuration.
Push button sensor 3 Basic 1-gang 5111 00 → Page 424.
Push button sensor 3 Comfort 1-gang 5131 00 → Page 426.



Rocker set, 2-gang (1+1), inscribable

System 55			
Bronze	**2132 607**	1	07
Brass	**2132 608**	1	07
E22			
Stainless Steel	**2132 212**	1	07
Aluminium	**2132 213**	1	07

The rocker set with individual inscriptions for the real material rockers is configured via the Gira inscription service at **www.marking.gira.com**. The order process is carried out by the wholesaler specified by you during rocker configuration.
Push button sensor 3 Basic 2-gang (1+1) 5112 00 → Page 425.
Push button sensor 3 Comfort 2-gang (1+1) 5132 00 → Page 427.

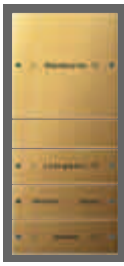
	Order no.	Packing unit	PS



Rocker set, 3-gang, inscribable

System 55			
Bronze	**2133 607**	1	07
Brass	**2133 608**	1	07
E22			
Stainless Steel	**2133 212**	1	07
Aluminium	**2133 213**	1	07
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21	**0289 20**	5/25	11

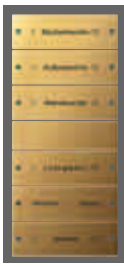
The rocker set with individual inscriptions for the real material rockers is configured via the Gira inscription service at **www.marking.gira.com**. The order process is carried out by the wholesaler specified by you during rocker configuration.
Push button sensor 3 Basic 3-gang 5113 00 → Page 425.
Push button sensor 3 Comfort 3-gang 5133 00 → Page 428.



Rocker set, 4-gang (1+3), inscribable

System 55			
Bronze	**2134 607**	1	07
Brass	**2134 608**	1	07
E22			
Stainless Steel	**2134 212**	1	07
Aluminium	**2134 213**	1	07

The rocker set with individual inscriptions for the real material rockers is configured via the Gira inscription service at **www.marking.gira.com**. The order process is carried out by the wholesaler specified by you during rocker configuration.
Push button sensor 3 Comfort 4-gang (1+3) 5134 00 → Page 429.



Rocker set, 6-gang (3+3), inscribable

System 55			
Bronze	**2136 607**	1	07
Brass	**2136 608**	1	07
E22			
Stainless Steel	**2136 212**	1	07
Aluminium	**2136 213**	1	07

The rocker set with individual inscriptions for the real material rockers is configured via the Gira inscription service at **www.marking.gira.com**. The order process is carried out by the wholesaler specified by you during rocker configuration.
Push button sensor 3 Comfort 6-gang (3+3) 5136 00 → Page 430.

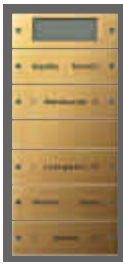
	Order no.	Packing unit	PS



Rocker set, 2-gang Plus, inscribable

System 55			
Bronze	**2142 607**	1	07
Brass	**2142 608**	1	07
E22			
Stainless Steel	**2142 212**	1	07
Aluminium	**2142 213**	1	07
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21	**0289 20**	5/25	11

The rocker set with individual inscriptions for the real material rockers is configured via the Gira inscription service at **www.marking.gira.com**. The order process is carried out by the wholesaler specified by you during rocker configuration.
Push button sensor 3 Plus 2-gang 5142 00 → Page 431.



Rocker set, 5-gang Plus (2+3), inscribable

System 55			
Bronze	**2145 607**	1	07
Brass	**2145 608**	1	07
E22			
Stainless Steel	**2145 212**	1	07
Aluminium	**2145 213**	1	07

The rocker set with individual inscriptions for the real material rockers is configured via the Gira inscription service at **www.marking.gira.com**. The order process is carried out by the wholesaler specified by you during rocker configuration.
Push button sensor 3 Plus 5-gang (2+3) 5145 00 → Page 434.

	Order no.	Packing unit	PS

Gira SmartSensor



Gira SmartSensor, 4-gang

pure white	**1246 661**	1	06
anthracite	**1246 671**	1	06
colour aluminium	**1246 651**	1	06

Functional description → Page 461.

The delivery results subject to countries specific assortments.

Push button sensor, 1-gang with inscription space



Push button sensor, 1-gang with inscription space

	Order no.	Packing unit	PS
S-Color			
pure white	**0881 40**	1/5	06
grey	**0881 42**	1/5	06
red	**0881 43**	1/5	06
blue	**0881 46**	1/5	06
black	**0881 47**	1/5	06
Bus coupler	**0570 00**	1/5	06

Discontinued item. **Available until December 2014.**
Disassembly safeguard via high level of pull-off force. Pre-labelled inscription labels with common symbols included in scope of supply.

Product family: Buttons
Product type: Buttons, 1-gang
The push button sensor is attached to a flush-mounted bus coupler. The following software variants are to be programmed with ETS 2 (or higher):
- Switching with status display (red LED)
- Switching with telegram reception confirmation (red LED)
- Dimming
- Blind and shutter control
- Press functions such as toggling
- Dimming value transmitter
- Calling up light scenes

Operation indicator with green LED. Can be illuminated in accordance with the workplace ordinance.
Temperature range: -5 °C to +45 °C
Protection type: IP 20
Connection: 2 x 5-pole plug connector

Inscription sheets 1454 00 → Page 294.

Push button sensor, 2-gang with inscription space



Push button sensor, 2-gang with inscription space

	Order no.	Packing unit	PS
S-Color			
pure white	**0882 40**	1/5	06
grey	**0882 42**	1/5	06
red	**0882 43**	1/5	06
blue	**0882 46**	1/5	06
black	**0882 47**	1/5	06
Bus coupler	**0570 00**	1/5	06

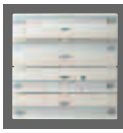
Discontinued item. **Available until December 2014.**
Disassembly safeguard via high level of pull-off force. Pre-labelled inscription labels with common symbols included in scope of supply.

Product family: Buttons
Product type: Buttons, 2-gang
The push button sensor is attached to a flush-mounted bus coupler. The following software variants are to be programmed with ETS 2 (or higher):
- Switching with status display (red LED)
- Switching with telegram reception confirmation (red LED)
- Dimming
- Blind and shutter control
- Dimming value transmitter
- Calling up light scenes
- Dimming and blind and shutter control (rockers are freely configurable)
- Switching and blind and shutter control (rockers are freely configurable)
- Switching and dimming (rockers are freely configurable)

Operation indicator with green LED. Can be illuminated in accordance with the workplace ordinance.
Telegram transmission confirmation via red LED.
Temperature range: -5 °C to +45 °C
Protection type: IP 20
Connection: 2 x 5-pole plug connector

Inscription sheets 1454 00 → Page 294.

Push button sensor, 4-gang with inscription space



Push button sensor, 4-gang with inscription space

	Order no.	Packing unit	PS
S-Color			
pure white	**0884 40**	1/5	06
grey	**0884 42**	1/5	06
red	**0884 43**	1/5	06
blue	**0884 46**	1/5	06
black	**0884 47**	1/5	06
Bus coupler	**0570 00**	1/5	06

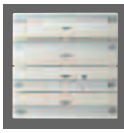
Discontinued item. **Available until December 2014.**
Disassembly safeguard via high level of pull-off force. Pre-labelled inscription labels with common symbols included in scope of supply.

Product family: Buttons
Product type: Buttons, 4-gang
The push button sensor is attached to a flush-mounted bus coupler. The following software variants are to be programmed with ETS 2 (or higher):
- Switching with status display (red LED)
- Switching with telegram reception confirmation (red LED)
- Dimming
- Blind and shutter control
- Dimming value transmitter
- Calling up light scenes

If a different assignment of the rockers is required, please use multi-function push button sensor **0885 ...**. Operation indicator with green LED. Can be illuminated in accordance with the workplace ordinance.
Temperature range: -5 °C to +45 °C
Protection type: IP 20
Connection: 2 x 5-pole plug connector

Inscription sheets 1454 00 → Page 294.

Multi-function push button sensor, 4-gang with inscription space



Multi-function push button sensor, 4-gang with inscription space

	Order no.	Packing unit	PS
S-Color			
pure white	**0885 40**	1/5	06
grey	**0885 42**	1/5	06
red	**0885 43**	1/5	06
blue	**0885 46**	1/5	06
black	**0885 47**	1/5	06
Bus coupler	**0570 00**	1/5	06

Discontinued item. **Available until December 2014.**
Disassembly safeguard via high level of pull-off force. Pre-labelled inscription labels with common symbols included in scope of supply.

Product family: Buttons
Product type: Buttons, 4-gang
The push button sensor is attached to a flush-mounted bus coupler. The rockers 1 to 4 are freely configurable as a switching sensor, dimming sensor, blind sensor, light scene auxiliary and as value transmitter.
The following software variants are to be programmed with ETS 2 (or higher):
- Switching with status display (red LED)
- Switching with telegram reception confirmation (red LED)
- Dimming
- Blind and shutter control
- Value transmitters
- Calling up light scenes

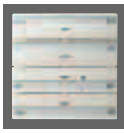
Operation indicator with green LED. Can be illuminated in accordance with the workplace ordinance.
Temperature range: -5 °C to +45 °C
Protection type: IP 20
Connection: 2 x 5-pole plug connector

Inscription sheets 1454 00 → Page 294.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Light scene push button sensor, 8-gang with inscription space



Light scene push button sensor, 8-gang with inscription space

	Order no.	Packing unit	PS
S-Color			
pure white	**0888 40**	1/5	06
grey	**0888 42**	1/5	06
red	**0888 43**	1/5	06
blue	**0888 46**	1/5	06
black	**0888 47**	1/5	06
Bus coupler	**0570 00**	1/5	06

Discontinued item. **Available until December 2014.**

Product family: Push button
Product type: Common button

Lighting situations are set and saved with the light scene push button sensor. Up to 8 lighting situations can be executed directly at the press of a button or operated via auxiliary units (push button sensors, binary inputs etc.). The light scene push button sensor is attached to a flush-mounted coupler. Disassembly safeguard via high level of pull-off force. A modification of the lighting situation is made by the user without a PC. Indication of operation with green LED. Can be illuminated in accordance with the workplace ordinance.

Temperature range: -5 °C to +45 °C
Protection type: IP 20
Connection: 2 x 5-pole plug connector

Inscription sheets 1454 00 → Page 294.

	Order no.	Packing unit	PS

Data interface



KNX/EIB data interface with inscription space and removal protection

System 55			
cream white glossy	**0558 01**	1	06
pure white glossy	**0558 03**	1	06
pure white matt	**0558 27**	1	06
anthracite	**0558 28**	1	06
colour aluminium	**0558 26**	1	06
E22			
Stainless Steel	**0558 20**	1/5	06
Aluminium	**0558 203**	1	06
pure white glossy	**0558 03**	1	06
Gira F100			
cream white glossy	**0558 111**	1	06
pure white glossy	**0558 112**	1	06
S-Color Discontinued item. **Available until December 2014.**			
pure white	**0558 40**	1/5	06
grey	**0558 42**	1/5	06
red	**0558 43**	1/5	06
blue	**0558 46**	1/5	06
black	**0558 47**	1/5	06
Bus coupler	**0570 00**	1/5	06

Product family: Communication
Product type: Serial
Data interface for connection to the flush-mounted bus coupler. Coupling of a PC to the KNX is made possible via a 9-pole Sub-D pin jack. Programming and diagnosis of the KNX devices and the connection to a visualisation device occurs via this RS 232 interface. Data level pursuant to DIN 66259 Part 1. With automatic R-type recognition and switching over if a PC is not connected.
Inscription sheets System 55, E22 (pure white)
1457 00 → Page 294.
Inscription sheets Gira F100 2876 .. → Page 295.
Inscription sheets S-Color 1453 00 → Page 294.
Inscription sheets E22 1455 00 → Page 294.

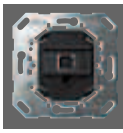


RS 232 connection line

Length 2 m	**0906 00**	1	09

For connecting the Gira KNX system to the PC.
Connection between the data interface and the PC.
9-pole D-Sub flat. 1 : 1 connection.
Data-interface met tekstkader
0558 .. → Page 444.

	Order no.	Packing unit	PS



KNX/EIB USB data interface

Flush-mounted	**1070 00**	1/5	06

Product family: System devices
Product type: Interface
USB data interface with integrated bus coupler. It enables the connection of a PC for the addressing, programming and diagnosis of KNX components. The data interface is supported by **ETS3** or the **ETS Starter**.

Connections:	KNX/EIB via connection and branch terminal **0595 00** USB pin jack,type B
transfer protocol:	compatible with USB 1.1/2.0
Temperature range:	-5 °C to +45 °C
Protection type:	IP 20

Suitable for cover plate 0276 .., 0876 ..
KNX/EIB connection and branch terminal 0595 00 → Page 510.
USB connection cable 0903 00 → Page 475.



USB connection cable

	0903 00	1	06

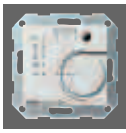
USB connection cable for connecting the USB data interface flush-mounted or DRA to the PC. Plug type A-B.
Connection line: 3 m

USB data interface UP 1070 00 → Page 475.
USB data interface DRA 1080 00 → Page 485.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Continuous regulator with 4-gang button interface



KNX/EIB
Continuous regulator with 4-gang button interface including bus coupler

System 55			
cream white glossy	**2100 01**	1	06
pure white glossy	**2100 03**	1	06
pure white matt	**2100 27**	1	06
anthracite	**2100 28**	1	06
colour aluminium	**2100 26**	1	06
E22			
Stainless Steel	**2100 20**	1	06
Aluminium	**2100 203**	1	06
pure white glossy	**2100 03**	1	06
Gira F100			
cream white glossy	**2100 111**	1	06
pure white glossy	**2100 112**	1	06
S-Color Discontinued item. Available until December 2014.			
pure white	**2100 40**	1	06
grey	**2100 42**	1	06
red	**2100 43**	1	06
blue	**2100 46**	1	06
black	**2100 47**	1	06

Product family: Heating, air conditioning, ventilation
Product type: Controller

The flush-mounted continuous controller combines the functions of a KNX bus coupler, a single-room temperature controller with specified setpoint and a binary input. No separate bus coupler is required. Four zero-voltage contacts can be connected to the binary input. Input 1 can be used to connect a remote sensor for the temperature measurement in the floor. Two inputs can be configured as outputs (max. 0.8 mA)

The control function is used for single-room temperature control. The controller detects the current room temperature with an internal or external temperature sensor and computes an adjustment size using it and an adjustable setpoint temperature. Valve drives can be controlled with a constant adjustment signal or with a switching adjustment signal here.

The temperature setpoint is shifted with the adjustment dial. A presence button is used to toggle between the comfort and the standby mode. The current states are indicated on the continuous regulator with LEDs. The ETS3.0d (or higher) is recommended for configuring and starting up the device. The use of a switch terminal box for connection of the external inputs is recommended.

Controller:

- 5 operating modes: Comfort, standby, night, frost/heat protection and controller lock-out (e.g. dew-point mode)
- Heating/cooling functions: Heating, cooling, heating and cooling, basic and additional heating, basic and additional cooling
- Preset control parameters for common radiators/cooling units
- Controller can be de-activated (dew-point operation) or controller or operation of the controller can be blocked
- Valve protection function (valve is opened cyclically every 24 hours)
- Control types: Continuous PI control, switching PI control (PWM) and switching 2-point control (on/off)
- Temperature detection via an internal and/or external sensor (average value calculation for large areas)

Inputs:

- Free assignment of the functions switching, dimming, blind and value transmitter to the inputs
- Blocker for blocking individual inputs
- Behaviour when the bus voltage returns can be configured separately for each input
- Telegram rate limiting
- Switching function: two independent switching objects for each input present and can be enabled individually, command for rising or falling edge can be set independently (ON, OFF, CHANGE, no reaction)
- Dimming function: single and double-surface operation, time between dimming and switching and dim-step size can be set, telegram repetition and stop-telegram transmission possible
- Blind function: command can be set with rising edge (no function, UP, DOWN, CHANGE), operating concept can be configured (Step - Move - Step or Move - Step), time between short and long-term operation can be set, slat adjustment time can be set
- Value transmitter and light scene auxiliary unit function: edge (push button as NO contact, push button as NC contact, switch) and value with edge can be configured, value adjustment by pressing and holding a button for value transmitters possible, light scene auxiliary unit with/without memory function
- Temperature sensor function: one channel of the push button interface can be used as an external temperature sensor for the room temperature controller.

Outputs:

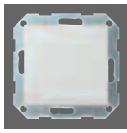
- Independent switching of a maximum of 2 outputs

Cable length for inputs/ outputs:	max. 5 m
Cable length for temperature sensor:	max. 50 m
Ambient temperature:	-5 °C to +45 °C
Protection type:	IP 20

Remote sensor 1493 00 → Page 510.

	Order no.	Packing unit	PS

Object regulator with 4-gang button interface



KNX/EIB
Object regulator with 4-gang button interface including bus coupler

System 55			
cream white glossy	**2101 01**	1	06
pure white glossy	**2101 03**	1	06
pure white matt	**2101 27**	1	06
anthracite	**2101 28**	1	06
colour aluminium	**2101 26**	1	06
E22			
Stainless Steel	**2101 20**	1	06
Aluminium	**2101 203**	1	06
pure white glossy	**2101 03**	1	06
Gira F100			
cream white glossy	**2101 111**	1	06
pure white glossy	**2101 112**	1	06

Product family: Heating, air conditioning, ventilation
Product type: Controller

The flush-mounted object controller combines the functions of a KNX bus coupler, a single-room temperature controller with specified setpoint and a binary input. No separate bus coupler is required. Four zero-voltage contacts can be connected to the binary input. Input 1 can be used to connect a remote sensor for the temperature measurement in the floor. Two inputs can be configured as outputs (max. 0.8 mA).

The control function is used for single-room temperature control. The controller detects the current room temperature with an internal or external temperature sensor and computes an adjustment size using it and an adjustable setpoint temperature. Valve drives can be controlled with a constant adjustment signal or with a switching adjustment signal here.

The object regulator has no operating or display elements. The ETS3.0d (or higher) is recommended for configuring and starting up the device. The use of a switch terminal box for connection of the external inputs is recommended.

Controller:

- 5 operating modes: Comfort, standby, night, frost/heat protection and controller lock-out (e.g. dew-point mode)
- Heating/cooling functions: Heating, cooling, heating and cooling, basic and additional heating, basic and additional cooling
- Preset control parameters for common radiators/cooling units
- Controller can be de-activated (dew-point operation) or controller or operation of the controller can be blocked
- Valve protection function (valve is opened cyclically every 24 hours)
- Control types: Continuous PI control, switching PI control (PWM) and switching 2-point control (on/off)
- Temperature detection via an internal and/or external sensor (average value calculation for large areas)

Inputs:

- Free assignment of the functions switching, dimming, blind and value transmitter to the inputs
- Blocker for blocking individual inputs
- Behaviour when the bus voltage returns can be configured separately for each input
- Telegram rate limiting
- Switching function: two independent switching objects for each input present and can be enabled individually, command for rising or falling edge can be set independently (ON, OFF, CHANGE, no reaction)
- Dimming function: single and double-surface operation, time between dimming and switching and dim-step size can be set, telegram repetition and stop-telegram transmission possible
- Blind function: command can be set with rising edge (no function, UP, DOWN, CHANGE), operating concept can be configured (Step - Move - Step or Move - Step), time between short and long-term operation can be set, slat adjustment time can be set
- Value transmitter and light scene auxiliary unit function: edge (push button as NO contact, push button as NC contact, switch) and value with edge can be configured, value adjustment by pressing and holding a button for value transmitters possible, light scene auxiliary unit with/without memory function
- Temperature sensor function: one channel of the push button interface can be used as an external temperature sensor for the room temperature controller.

Outputs:

- Independent switching of a maximum of 2 outputs

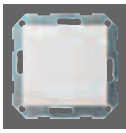
Cable length for inputs/ outputs:	max. 5 m
Cable length for temperature sensor:	max. 50 m
Ambient temperature:	-5 °C to +45 °C
Protection type:	IP 20

Remote sensor 1493 00 → Page 510.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

CO_2 sensor with humidity and room temperature controller



KNX/EIB
CO_2 sensor with humidity and room temperature controller

System 55			
cream white glossy	**2104 01**	1	06
pure white glossy	**2104 03**	1	06
pure white matt	**2104 27**	1	06
anthracite	**2104 28**	1	06
colour aluminium	**2104 26**	1	06
E22			
Stainless Steel	**2104 20**	1	06
Aluminium	**2104 203**	1	06
pure white glossy	**2104 03**	1	06
Gira F100			
cream white glossy	**2104 111**	1	06
pure white glossy	**2104 112**	1	06

CO_2 sensor with an with integrated KNX bus coupler and two binary inputs for measuring concentration of carbon dioxide, relative humidity and room temperature.

- Limit value monitoring for CO_2 concentration and humidity
- Dewpoint alert for e.g. cooling ceilings and winter gardens to prevent possible mould growth
- Two binary inputs for connection of zero-voltage contacts
- Logic gates for simple linking functions

The CO_2 sensor has no operating or display elements. The ETS3.0d (or higher) is required for configuring and starting up the device. The use of a switch terminal box for connection of the external inputs is recommended.

Sensors:

- CO_2 max. 4 different limit values can be set
- Adaptation to current sea level above NN
- Humidity sensor max. 2 limit values

Controller:

- 5 operating modes: Comfort, standby, night, frost/heat protection and controller lock-out (e.g. dew-point mode)
- Heating/cooling functions: Heating, cooling, heating and cooling, basic and additional heating, basic and additional cooling
- Preset control parameters for common radiators/cooling units
- Controller can be de-activated (dew-point operation) or controller or operation of the controller can be blocked
- Valve protection function (valve is opened cyclically every 24 hours)
- Control types: Continuous PI control, switching PI control (PWM) and switching 2-point control (on/off)

Inputs:

- Free assignment of the functions switching, dimming, blind and value transmitter to the inputs
- Blocker for blocking individual inputs
- Behaviour can be configured following bus voltage recovery
- Telegram rate limiting
- Switching function: two independent switching objects for each input present and can be enabled individually, command for rising or falling edge can be set independently (ON, OFF, CHANGE, no reaction)
- Dimming function: single and double-surface operation, time between dimming and switching and dim-step size can be set, telegram repetition and stop-telegram transmission possible
- Blind function: command can be set with rising edge (no function, UP, DOWN, SW), operating concept can be parameterised, time between short and long-time operation adjustable, slat adjustment time adjustable
- Value transmitter and light scene auxiliary unit function: edge (push button as NO contact, push button as NC contact, switch) and value with edge can be configured, value adjustment by pressing and holding a button for value transmitters possible, light scene auxiliary unit with/without memory function

Measurement range:	0 to 2000 ppm 10 to 95% rel. humidity
Cable length, inputs:	max. 5 m
Protection class:	III
Ambient temperature:	0 °C to +45 °C
Protection type:	IP 20

Gira KNX system
Automatic control switches, presence detector, ceiling observer

Automatic control switches, the presence detector, and ceiling observer are available in various models for motion detection and presence monitoring with the Gira KNX system.

New. **Gira KNX presence detector/ceiling observer**
The new Gira KNX presence detector has an integrated bus coupler and three digital PIR sensors. It is also equipped with a brightness sensor. It can either be used as an individual device, main unit or auxiliary unit and enables fully-automatic or semi-automatic lighting control. The delay time can be set flexibly and adapts to user behaviour if desired. Only a minimal and maximal value must be specified for this purpose. Depending how long motion is detected in the room, the Gira KNX presence detector then selects a correspondingly short or long delay time.

The device is available with a Standard top unit or Comfort top unit. The Comfort variant enables evaluating the three PIR sensors separately, and it can be conveniently configured with an optional IR remote control. In addition, with the Comfort top unit, intelligent constant light control is possible, controlling light groups near the window and far from the window individually.

Advantages
Detection range of 360°

Can be used as individual device, main unit and auxiliary unit

Fully-automatic and semi-automatic lighting control

Integrated bus coupler and brightness sensor

Software functions such as adaptive delay time and short-time presence

Comfort top unit with separate sensor evaluation, intelligent constant light control and optional IR remote control

Accessories: protective cage, mounting ring for surface-mounted installation, clip-on screen



Gira KNX automatic control switch comfort top
Gira E2, pure white glossy



New. Gira KNX presence detector/ ceiling observer

	Order no.	Packing unit	PS

Presence detector



KNX presence detector Standard

pure white	**2105 02**	1	06
colour aluminium	**2105 04**	1	06

New.

Presence detector for presence monitoring (operating mode: presence detector), for movement detection (operating mode: ceiling observer) or for monitoring with messages (operating mode: alarm device) indoors.

- Ceiling mounting on stable ceilings in device box or surface-mounted housing **2110 ..**
- Flush-mounted device with integrated KNX bus coupler
- Programming LED/button is visible and can be operated when installed if the ornamental ring is removed
- PIR sensors: 3 sensors (crossed light paths), integrated brightness sensor
- Adjuster for manual correction of sensitivity
- Clip-on screen for limiting the detection range
- Display of motion detection (permanent or only during walk test)

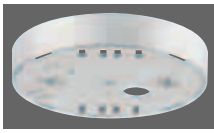
Software:

- sensitivity is configurable
- Sensitivity adjuster on the device can be deactivated using the software
- 1 function block configurable
- Adjustable operating mode: ceiling observer, presence detector, alarm device
- Individual device, main unit, auxiliary unit can be set
- Operating mode for individual device/main unit: automatic, semi-automatic (manual ON / automatic OFF or automatic ON / manual OFF)
- Two outputs (for function: ceiling observer, presence detector)
- Output (for function: ceiling observer, presence detector): switching, staircase light function, switching with forced setting, dimming value transmitter, light scene auxiliary unit, temperature value transmitter, brightness value transmitter, temperature operating mode
- Dusk stage can be set using external communication object or teach-in
- Additional transmission delay via external communication object
- Self-teaching additional transmission delay (adaptive delay time)
- Short-term presence function
- Feedback of dusk stage
- Block function
- Manual operation using push button sensor (separate communication object)
- Switch-off brightness (for presence detectors) via teach-in
- Measurement of time period after last movement

Installation height:	2 to 5 m
Angle of detection:	360°
Nominal range floor:	approx. ∅20 m (installation height 3 m)
Nominal range desk height:	approx. ∅12 m (installation height 3 m)
Brightness:	10 to 2000 lux
Ambient temperature:	-5 °C to +45 °C
Dimensions:	∅ x H 103 x 50 mm

Surface-mounted housing 2110 .. → Page 449.
Protective cage 2116 00 → Page 449.

	Order no.	Packing unit	PS



Surface-mounted housing for KNX presence detector

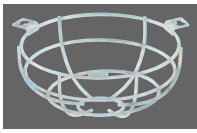
	2110 02	1	06
colour aluminium	**2110 04**	1	06

New.

For installation on the ceiling.

Dimensions: ∅ x H 103 x 18 mm

KNX presence detector Standard 2105 .. → Page 449.
KNX presence detector Comfort 2106 .. → Page 450.



Protective cage

pure white	**2116 00**	1	01

New.

Protective cage for presence detector Painted plastic-coated steel cage.

Dimensions: ∅ x H 180 x 90 mm

KNX presence detector Standard 2105 .. → Page 449.
KNX presence detector Comfort 2106 .. → Page 450.
System 2000 automatic control switch 360° 2270 .. → Page 323.
System 2000 presence detector Comfort top unit 0317 .. → Page 324.
Presence detector Compact 1147 02 → Page 324.
Radio presence detector 0318 .. → Page 547.

	Order no.	Packing unit	PS



KNX presence detector Comfort

pure white	**2106 02**	1	06
colour aluminium	**2106 04**	1	06

New.

Presence detector for presence monitoring (operating mode: presence detector), for movement detection (operating mode: ceiling observer) or for monitoring with messages (operating mode: alarm device) indoors.

- Ceiling mounting on stable ceilings in device box or surface-mounted housing **2110 ..**
- Flush-mounted device with integrated KNX bus coupler
- Programming LED/button is visible and can be operated when installed if the ornamental ring is removed
- PIR sensors: 3 sensors (crossed light paths), integrated brightness sensor
- Adjuster for manual correction of sensitivity
- Clip-on screen for limiting the detection range
- Display of motion detection (permanent or only during walk test)
- Separate evaluation in the long range of the three PIR sensors with 120° detection area each with overlapping
- Manual operation using IR remote control**2115 00**

Software:

- sensitivity is configurable
- Sensitivity adjuster on the device can be deactivated using the software
- A maximum of 5+2 function blocks are configurable
- Functions that can be set for each function block 1 to 5: ceiling observer, presence detector, signal mode
- Function block 6: presence detector with light control
- Function block 7: brightness sensor with limit value monitoring
- Function block toggling, e.g. for day/night operation or weekday/weekend operation
- Function blocks 1 to 5: individual device, main unit, auxiliary unit can be set
- Operating modes which can be set for individual device, main unit: automatic, semi-automatic (manual ON / automatic OFF or automatic ON / manual OFF)
- Two outputs per function block (1 to 5) for function ceiling observer, presence detector
- Functions of ceiling observer, presence detector per output: switching, staircase light function, switching with forced setting, dimming value transmitter, light scene auxiliary unit, temperature value transmitter, brightness value transmitter, temperature operating mode
- Ceiling observer, presence detector: dusk stage can be set via external communication object or per teach-in, additional transmission delay via external communication object, self-teaching additional transmission delay (adaptive delay time), short-term presence function, feedback of dusk stage, block function, manual operation using push button sensor (separate communication object), switch-off brightness (for presence detectors) via teach-in, measurement of time period after last movement
- Function of presence detector with light control: combination with function block of presence detector or individual device, setpoint can be set, setpoint specified via external communication object, setpoint offset via external communication object, teach-in function, feedback of the effective setpoint
- Function of brightness sensor with limit value monitoring: up to 3 limit values are configurable, functions of switching, dimming value transmitter, light scene auxiliary unit, configurable hysteresis, limit value via external communication object or teach-in, block function

	Order no.	Packing unit	PS

Installation height:	2 to 5 m
Angle of detection:	360°
Nominal range floor:	approx. ∅20 m (installation height 3 m)
Nominal range desk height:	approx. ∅12 m (installation height 3 m)
Brightness:	10 to 2000 lux
Ambient temperature:	-5 °C to +45 °C
Dimensions:	∅ x H 103 x 50 mm

IR remote control 2115 00 → Page 450.
Surface-mounted housing 2110 .. → Page 449.
Protective cage 2116 00 → Page 449.



IR remote control for KNX presence detector Comfort

	2115 00	1	06

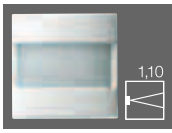
New.

IR remote control for manual operation and setting of the Comfort presence detector.

KNX presence detector Comfort 2106 .. → Page 450.

The delivery results subject to countries specific assortments.

Standard top-unit automatic control switch



KNX/EIB
automatic control switch standard top unit

	Order no.	Packing unit	PS
System 55			
cream white glossy	**0880 01**	1/5	06
pure white glossy	**0880 03**	1/5	06
pure white matt	**0880 27**	1/5	06
anthracite	**0880 28**	1/5	06
colour aluminium	**0880 26**	1/5	06
E22			
Stainless Steel (lacquered)	**0880 20**	1	06
Aluminium (lacquered)	**0880 203**	1	06
pure white glossy	**0880 03**	1/5	06
Gira F100			
cream white glossy	**0880 111**	1/5	06
pure white glossy	**0880 112**	1/5	06
S-Color Discontinued item. Available until December 2014.			
pure white	**0880 40**	1	06
grey	**0880 42**	1	06
red	**0880 43**	1	06
blue	**0880 46**	1	06
black	**0880 47**	1	06
Bus coupler	**0570 00**	1/5	06

Passive infrared motion detector for indoor areas. Upon triggering by a movement of heat, a switching command is sent.

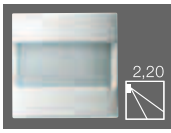
Product family: Physical sensors
Product type: Motion detector
The automatic control switch is attached to a flush-mounted bus coupler. The properties can be configured.

- Can be set as individual device, main unit, auxiliary unit.
- Telegram type at beginning and end of reception can be set
- Brightness, delay time, lock time
- Cyclical transmission
- Block function can be configured for the beginning and end of blocking (own communication object)
- Time and twilight value can be set via software

Connection: 2 x 5-pole plug connector
Ambient temperature: -5 °C to +45 °C
Protection type: IP 20
For installation height 1.10 m:
Range: 10 m in the front, 6 m on each side
Angle of detection: 180°

KNX/EIB bus coupler 0570 00 → Page 474.
For integration in Stainless Steel Series 20, Series 21: Intermediate plate 55 x 55 mm 0289 20 → Page 168.

Standard top unit automatic control switch for high installation areas



KNX/EIB
automatic control switch standard top unit for high installation zones

	Order no.	Packing unit	PS
System 55			
cream white glossy	**0889 01**	1/5	06
pure white glossy	**0889 03**	1/5	06
pure white matt	**0889 27**	1/5	06
anthracite	**0889 28**	1/5	06
colour aluminium	**0889 26**	1/5	06
E22			
Stainless Steel (lacquered)	**0889 20**	1	06
Aluminium (lacquered)	**0889 203**	1	06
pure white glossy	**0889 03**	1/5	06
Gira F100			
cream white glossy	**0889 111**	1/5	06
pure white glossy	**0889 112**	1/5	06
S-Color Discontinued item. Available until December 2014.			
pure white	**0889 40**	1	06
grey	**0889 42**	1	06
red	**0889 43**	1	06
blue	**0889 46**	1	06
black	**0889 47**	1	06
Bus coupler	**0570 00**	1/5	06

Passive infrared motion detector for indoor areas. Upon triggering by a movement of heat, a switching command is sent.

Product family: Physical sensors
Product type: Motion detector
The automatic control switch is attached to a flush-mounted bus coupler. The properties can be configured.

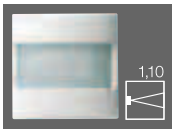
- Can be set as individual device, main unit, auxiliary unit.
- Telegram type at beginning and end of reception can be set
- Brightness, delay time, lock time
- Cyclical transmission
- Block function can be configured for the beginning and end of blocking (own communication object)
- Time and twilight value can be set via software

Connection: 2 x 5-pole plug connector
Ambient temperature: -5 °C to +45 °C
Protection type: IP 20
For installation height 1.10 m:
Range: 6 m in the front, 3 m on each side
Angle of detection: 180°
For installation height 2.20 m:
Range: 12 m in the front, 6 m on each side
Angle of detection: 180°

KNX/EIB bus coupler 0570 00 → Page 474.
For integration in Stainless Steel Series 20, Series 21: Intermediate plate 55 x 55 mm 0289 20 → Page 168.

	Order no.	Packing unit	PS

Comfort top-unit automatic control switch



KNX/EIB
automatic control switch comfort top unit

	Order no.	Packing unit	PS
System 55			
cream white glossy	**1304 01**	1/5	06
pure white glossy	**1304 03**	1/5	06
pure white matt	**1304 27**	1/5	06
anthracite	**1304 28**	1/5	06
colour aluminium	**1304 26**	1/5	06
E22			
Stainless Steel (lacquered)	**1304 20**	1/5	06
Aluminium (lacquered)	**1304 203**	1	06
pure white glossy	**1304 03**	1/5	06
Gira F100			
cream white glossy	**1304 111**	1/5	06
pure white glossy	**1304 112**	1/5	06
S-Color Discontinued item. **Available until December 2014.**			
pure white	**1304 40**	1/5	06
grey	**1304 42**	1/5	06
red	**1304 43**	1/5	06
blue	**1304 46**	1/5	06
black	**1304 47**	1/5	06
Bus coupler	**0570 00**	1/5	06

Passive infrared motion detector for indoor areas. Upon triggering by a movement of heat, a switching command is sent.
The properties can be configured.

- Can be set as individual device, main unit, auxiliary unit.
- Switching of operating mode between illumination and signal mode (signal mode: A specific number of movements must be detected in a specified time interval before a telegram is sent)
- Additional switching object in signal mode
- Behaviour upon switching to signal mode can be configured
- In illumination mode, the functions switching, value transmitter and light scene execution can be set.
- Brightness-independent motion detection can be set
- Behaviour after bus voltage recovery can be set
- Status LED
- Go-test function for checking of the reception area (brightness independent)
- Alarm function for removal of top unit automatic control switch
- Resetting of alarm object upon replacement of the top unit
- Telegram type at beginning and end of reception can be set
- Cyclical transmission
- Block function can be configured for the beginning and end of blocking (own communication object)
- The brightness value can be set (blockable via ETS) within the limits set in the ETS (3 - 100 lux) via the built-in potentiometer
- Sensitivity can be set via potentiometer
- Additional delay time can be set via potentiometer
- Switchable to continuous-on, continuous-off or automatic mode via slide switch (blockable via ETS)

Product family: Physical sensors
Product type: Motion detector
The automatic control switch is attached to a flush-mounted bus coupler.

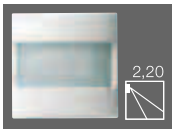
Connection:	2 x 5-pole plug connector
Ambient temperature:	-5 °C to +45 °C
Protection type:	IP 20
For installation height 1.10 m:	
Range:	10 m in the front, 6 m on each side
Angle of detection:	180°

KNX/EIB bus coupler 0570 00 → Page 474.
For integration in Stainless Steel Series 20, Series 21: Intermediate plate 55 x 55 mm 0289 20 → Page 168.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Comfort top unit automatic control switch for high installation areas



KNX/EIB
automatic control switch comfort top unit for high installation zones

System 55			
cream white glossy	**1305 01**	1/5	06
pure white glossy	**1305 03**	1/5	06
pure white matt	**1305 27**	1/5	06
anthracite	**1305 28**	1/5	06
colour aluminium	**1305 26**	1/5	06
E22			
Stainless Steel (lacquered)	**1305 20**	1	06
Aluminium (lacquered)	**1305 203**	1	06
pure white glossy	**1305 03**	1/5	06
Gira F100			
cream white glossy	**1305 111**	1/5	06
pure white glossy	**1305 112**	1	06
S-Color Discontinued item. Available until December 2014.			
pure white	**1305 40**	1	06
grey	**1305 42**	1	06
red	**1305 43**	1	06
blue	**1305 46**	1	06
black	**1305 47**	1	06
Bus coupler	**0570 00**	1/5	06

Passive infrared motion detector for indoor areas. Upon triggering by a movement of heat, a switching command is sent.
The properties can be configured.

- Can be set as individual device, main unit, auxiliary unit.
- Switching of operating mode between illumination and signal mode (signal mode: A specific number of movements must be detected in a specified time interval before a telegram is sent)
- Additional switching object in signal mode
- Behaviour upon switching to signal mode can be configured
- In illumination mode, the functions switching, value transmitter and light scene execution can be set.
- Brightness-independent motion detection can be set
- Behaviour after bus voltage recovery can be set
- Status LED
- Go-test function for checking of the reception area (brightness independent)
- Alarm function for removal of top unit automatic control switch
- Resetting of alarm object upon replacement of the top unit
- Telegram type at beginning and end of reception can be set
- Cyclical transmission
- Block function can be configured for the beginning and end of blocking (own communication object)
- The brightness value can be set (blockable via ETS) within the limits set in the ETS (3 - 100 lux) via the built-in potentiometer
- Sensitivity can be set via potentiometer
- Additional delay time can be set via potentiometer
- Switchable to continuous-on, continuous-off or automatic mode via slide switch (blockable via ETS)

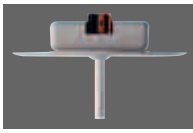
Product family: Physical sensors
Product type: Motion detector
The automatic control switch is attached to a flush-mounted bus coupler.

	Order no.	Packing unit	PS

Connection:	2 x 5-pole plug connector
Ambient temperature:	-5 °C to +45 °C
Protection type:	IP 20
For installation height 1.10 m:	
Range:	6 m in the front, 3 m on each side
Angle of detection:	180°
For installation height 2.20 m:	
Range:	12 m in the front, 6 m on each side
Angle of detection:	180°

KNX/EIB bus coupler 0570 00 → Page 474.
For integration in Stainless Steel Series 20, Series 21: Intermediate plate 55 x 55 mm 0289 20 → Page 168.

Brightness controller



KNX/EIB
Brightness controller

	Order no.	Packing unit	PS
Flush-mounted	**2102 00**	1	06
Surface-mounted	**2103 00**	1	06

The brightness controller is mounted to the ceiling directly above the area to be illuminated, for example above a workstation, and analyses lighting conditions of the surface below. Coupled to the lighting system, it dims (constant light control) or brightens (two-point control) the lighting depending upon the daylight level.
Brightness control can be activated and deactivated via a push button or with motion or presence detectors. Brightness controller variants are available as flush-mounted **2102 00** or surface-mounted **2103 00**.

- Two-point control (switching) or constant light control (dimming above value) can be configured.
- Constant light control: max. 5 various dimmable light groups can be set via a brightness value.
- Two-point control: „only automatic switch-on“ and „automatic switch-off“ of lighting possible.
- Transmission of measured brightness value as 2-byte value on the bus. Transmission with modification, with a read request or cyclically.
- Cyclical transmission of switching and dimming value commands for light control.
- Behaviour can be configured following bus voltage recovery.
- Specified setpoint for brightness control via parameter or via the bus with 2-byte communication objects.
- Calibration of sensor brightness value determined by device via independent reference measurement and bus telegram.

Measurement range:	0 to 2000 lux
Temperature range:	-5 °C to +45 °C
Protection class:	III
Protection type:	IP 20
Dimensions:	Flush-mounted: L x B x H (without cover) 50 x 35 x 15 mm Surface-mounted: ∅ x H (without light conductor) 70 x 33 mm

Info display 2 with disassembly safeguard



KNX/EIB
info display 2
with disassembly safeguard

	Order no.	Packing unit	PS
System 55			
cream white glossy	**0510 01**	1/5	06
pure white glossy	**0510 03**	1/5	06
pure white matt	**0510 27**	1/5	06
anthracite	**0510 28**	1/5	06
colour aluminium	**0510 26**	1/5	06
E22			
Stainless Steel	**0510 20**	1/5	06
Aluminium	**0510 203**	1/5	06
pure white glossy	**0510 03**	1/5	06
Gira F100			
cream white glossy	**0510 111**	1/5	06
pure white glossy	**0510 112**	1/5	06
Bus coupler	**0570 00**	1/5	06

The info display 2 receives telegrams and offers the option of presenting (LCD display) freely-programmable texts and values. Up to 12 pages with 1, 2 or 4 lines of text can be programmed. A function (switching, dimming, value display, etc.) can be assigned to each line. Up to 12 alarm messages can be managed on an additional alarm page. An acoustic and/or visual alarm function can be assigned to an alarm message.
The 4 buttons are used for scrolling up and down, acknowledging messages or sending telegrams, depending on the configuration.
The device is programmed using Info Display software 2 in conjunction with the ETS 2 (or higher) from **Version 1.2a**.

Product family: Displays
Product type: LCD displays
The LCD Info Display is attached to a flush-mounted bus coupler.
Properties which can be adjusted with software:

- Programming using a software tool called up via the ETS 2 **(from ETS 2 version 1.2a)**.
- Backlighting On, Off, when button is pressed, via switching object
- Alarm triggered if pulled off
- Side for alarm control unit
- Alarm signal, alarm side
- Switching, dimming, blind, value, light scene auxiliary unit
- Reception and display of date (EIS 4) and time (EIS 3) telegrams
- Display of object status, a restraint or a continuous regulator

Display:	Illuminated LCD 4 lines (16 characters) or 2 lines (8 characters) or 1 line (4 characters)
Text memory:	max. 12 pages, each with 4 lines, 16 characters per line
Signal transmitter:	2 Signal tones (approx. 512 / 2048 Hz) Can be acknowledged
Connection:	2 x 5-pole plug connector
Ambient temperature:	0 °C to +45 °C
Protection type:	IP 20

For integration in Stainless Steel Series 20, Series 21:
Intermediate plate 55 x 55 mm 0289 20 → Page 168.
Info display software 2 at www.gira.de
KNX/EIB bus coupler 0570 00 → Page 474.
Continuous regulator 2100 .. → Page 445.
KNX/EIB analogue sensor interface, 4-gang 1021 00 → Page 487.
KNX/EIB weather station Comfort 1010 00 → Page 488.

The delivery results subject to countries specific assortments.

Gira KNX system
New. Gira Control 9 KNX

The Gira Control 9 KNX is the compact central control unit for the KNX installation in the home. The touch panel with a 22.9 cm [9"] display enables the convenient operation of all bus functions with a single finger and offers diverse additional features such as e-mail, news and weather services or consumption diagrams.

An intelligent standby concept keeps energy consumption low while also ensuring that the Gira Control 9 KNX is automatically activated if necessary, e.g. when important messages are received or automated processes should be started. Moreover, as an option audio-visual door communication can be integrated in the user interface of the Gira Control 9 KNX with the DCS-IP-gateway. The elegant design cover plate made of aluminium and glass is available in the colours black, white, mint and umber.

Advantages

Convenient operation via touch display

Energy-saving standby concept

Configurable standard functions like switching, dimming, blind control and display of measured values

Numerous additional functions thanks to IP connection

Seamless integration of door communication is possible

Optionally available adapter frame for installation in existing Gira InfoTerminal Touch flush-mounted boxes

Available starting 04/2013

Gira Control 9 KNX

1 Glass white/aluminium
2 Glass mint/aluminium
3 Glass umber/aluminium



1



2



3

/Volumes/02-Gira/_Archivieren/2012/201872_Gira_Datenlieferung_September_2012_Teil1/Abb_GIRA-Broschüre@FrNikl/02_Fertige Bilder/Druckdaten/Gira_Control9_Hauptmenue_sGI_EN.tif /Volumes/02-Gira/_Archivieren/2012/201872_Gira_Datenlieferung_September_2012_Teil1/Abb_GIRA-Broschüre@FrNikl/02_Fertige Bilder/Druckdaten/Gira_Control9_Hauptmenue_sGI_EN.tif



Gira Control 9 KNX
Glass black/aluminium

Gira InfoTerminal Touch
14.5 cm [5.7"] TFT touch display, intuitive operation and many Internet functions: the Gira InfoTerminal Touch, the central switching unit for controlling intelligent building technology from the Gira KNX system, is network-compatible. Data can be downloaded, news services in RSS format 2.0 can be subscribed to and fault messages can be sent per e-mail. Updating the basic software functions makes applications such as diagrams, presence simulations and an astro time clock possible.

Gira InfoTerminal Touch

1 Glass white/aluminium
2 Glass mint/aluminium



1



2

Advantages
Gira InfoTerminal Touch
Convenient, direct operation via colour touch display

Configurable standard functions like switching, dimming, blind control and display of measured values

Convenient IP functions via network connection

Freely definable user menu; up to 50 pages with 16 elements (max. 400 elements) can be programmed

Features password protection and time clock function

Can be installed both horizontally and vertically

Design
Phoenix Design, Stuttgart

Design awards
red dot award 2007
Design Zentrum NRW

Plus X Award 2007

Product information
www.gira.com/brochures



Gira InfoTerminal Touch,
glass black/aluminium

Gira KNX system
InfoTerminal Touch, SmartSensor

With extensive display and configuration options, the Gira SmartSensor combines the functionality of a continuous heating controller with the switching, dimming and control functions of a push button sensor. Therefore, it can be used as a monitoring and operating unit for several rooms for the Gira KNX system.

Gira SmartSensor

1 Pure white
2 Anthracite



1



2

Advantages
Large illuminated display for ideal operation, even in the dark

Large range of functions can be clearly operated

Functionality can be expanded with software updates

Integrated room temperature controller

Saving and calling up light scenes

Integrated logic

Suitable for flush-mounted installation

Design
Ingenhoven und Partner Architects Designer/ Gira Design Team, Radevormwald

Design awards
red dot award 2004, Design Zentrum NRW

Product information
www.gira.com/brochures



Gira SmartSensor, colour aluminium

	Order no.	Packing unit	PS

Gira Control 9 KNX



Gira Control 9 KNX

	2079 00	1	06

New. Available starting April 2013.
Gira Control 9 KNX is a display and operating unit for connection to a KNX system. It enables intuitive navigation and gives a clear overview of the status of the entire building technology. The Gira Control 9 KNX can also be used as a home station for door communication via the Gira DCS-IP-gateway. The energy-saving device is PC-based and has a TFT touch screen with LED backlighting and 22.86 cm (9") screen diagonal (resolution of 800x480 px). Installation in flush-mounted box **2082 00**.

Functions:
- visualisation and operation of functions in building system technology
- Display of e-mails
- Playback of acoustic signals
- Suitable for door communication systems as a home station (via DCS-IP-gateway).
- weather forecast
- Audio player
- RSS reader
- Media renderer
- Digital picture frame
- Video note to record messages
- 25 rooms, 300 functions, (1 room with max. 40 functions)
- Signalling system with up to 40 alarm devices
- 20 data loggers
- 64 time clocks with a total of max. 128 switching times
- 24 scenes with a total of up to 32 actuator groups
- Occupied-home simulation
- Fault messages
- 50 event e-mails

Logic functions:
- 80 logical links with up to 8 inputs each
- 12 multiplexers with up to 3 channels each
- 40 timers with switch-on and switch-off delay

Device properties:
- PC with touch screen
- Integrated power supply unit
- Colour camera integrated
- Integrated loudspeaker
- Integrated microphone
- LED backlighting for touch screen

Note: The adapter frame **2081 00** enables installation in existing InfoTerminal Touch flush-mounted boxes.
Not suitable for outdoor use.

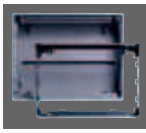
	Order no.	Packing unit	PS

Power supply:	Integrated long range power supply unit, 110 to 230 V~
Power consumption:	max. 20 W max. 8 W (display off) max. 1 W (Standby)
System Information:	INTEL Atom processor 1.1 GHz 2 GB SSD, internal memory 1 GB RAM 512 kB, L2 cache
Connections:	2 x USB 2.0 type A (rear), 1 x USB 2.0 type A (front), 1 x USB type Mini AB (front) 1 x SD card slot SDHC, to 32 GB RJ-45 connection 10/100MBit Audio: 1 x Line In, 1 x Line Out (stereo) 1 x analogue video input KNX/EIB via connection and branch terminal **0595 00**
Display:	WVGA (800x480 px) resolution 16.7 million colours
Camera:	1.3 million pixels
Temperature ranges:	±0 °C to +35 °C operation -10 °C to +70 °C storage
Relative humidity:	15 to 85% r. h. at +40 °C, no condensation
Dimensions:	W x H x D 268 x 220 x 65 mm Height from wall 16 mm Height from wall 28 mm as upgrade version with adapter frame

Flush-mounted housing/flush-mounted box 2082 00 → Page 459.
Desk housing 2083 00 → Page 459.
Design frame 2080 05, 2080 12, 2080 18, 2080 122 → Page 459.
Adapter frame 2081 00 → Page 459.
DCS-IP-gateway 2620 97, 2620 98, 2620 99 → Page 371.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

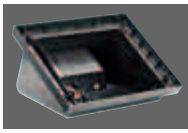


Flush-mounted housing/flush-mounted box

	2082 00	1	05

Also suitable for installation in hollow walls.
Dimensions: W x H x D 252 x 194 x 64 mm

Gira Control 9 Client 2078 00 → Page 470.
Gira Control 9 KNX 2079 00

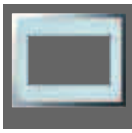


Desk housing

	2083 00	1	05

Desk housing for Gira Control 9 to be placed on a desk or installed on the wall. The housing places the Gira Control 9 at an angle of 30° to the viewer. Space sleeve, screws and non-slip pads are included.
Dimensions: Length 274 mm
Width 226 mm
Height 147 mm, upper edge of housing from the desk/from the wall
Angle to surface: 30°
Connection: RJ 45 coupler

Gira Control 9 Client 2078 00 → Page 470.
Gira Control 9 KNX 2079 00

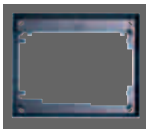


Design frame for Gira Control 9

Glass mint/aluminium	**2080 18**	1	05
Glass white/aluminium	**2080 12**	1	05
Glass black/aluminium	**2080 05**	1	05
Glass umber/aluminium	**2080 122**	1	05

Design frame of aluminium and glass for Gira Control 9
Dimensions: L x W x H 278 x 230 x 16 mm (height from wall)
L x B x H 278 x 230 x 28 mm as upgrade version with adapter frame (height from wall)

Gira Control 9 Client 2078 00 → Page 470.
Gira Control 9 KNX 2079 00



Adapter frame

	2081 00	1	05

The adapter frame is required for installation in an existing InfoTerminal Touch flush-mounted box, **0639 00**

Gira Control 9 Client 2078 00 → Page 470.
Gira Control 9 KNX 2079 00
Flush-mounted housing/flush-mounted box 0639 00 → Page 470.

	Order no.	Packing unit	PS

Gira InfoTerminal Touch



KNX/EIB
InfoTerminal Touch

Glass mint	**2072 18**	1	06
Glass white	**2072 12**	1	06
Glass black	**2072 05**	1	06

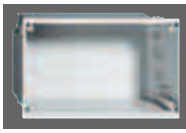
The Gira InfoTerminal Touch with cover frame of real materials (glass, aluminium) is equipped with a TFT touch display with a resolution of 320 x 240 pixels. The TFT touch display enables intuitive navigation and gives a clear overview of the status of the entire building technology. The InfoTerminal Touch can be integrated into an existing network. This means that e-mails (text) can be received, news services in RSS format subscribed to and pre-defined fault messages sent. The page layout is freely definable. Operating and display elements can be positioned anywhere on the display. Presentation of measured values as graphs in day, week, month or year.
The device can be installed horizontally or vertically. This must be set at the start of configuration. The Gira InfoTerminal Touch is configured via a configuration software integrated in the ETS. A preview function simplifies configuration.
Configuration is carried out via the USB interface accessible from the front (remove design cover plate, device must not be removed), or when making changes in the configuration via the KNX or the Ethernet interface.
Function overview:

- TFT touch display with 320 x 240 pixels, (14.5 cm (5.7") / 4096 colours)
- 16 operating and display elements per page, up to 50 pages (max. 400 display elements)
- Background images (jpg, bmp)
- Display and reception of E-mail (text mail), max. 5 E-mail mailboxes
- Subscription of news services in RSS format 2.0 (max. 8 RSS feeds)
- Sending of fault messages via E-mail
- Display of graphs according to day, week, month or year
- Presence simulation
- Switching status can be shown with a symbol
- Status symbols
- Freely programmable user menu
- Password protection
- Switching, dimming, blind as well as the display of measured values can be confirmed
- Light scene function with auxiliary unit operation
- Saving and calling up of 24 light scenes with up to 32 outputs (1 bit or 1 byte)
- Limit-value calculation
- Alarm functions via pop-up functions or via acoustic signal
- An internal real-time clock is available for time functions
- Date and time can be received from a system clock and transmitted by the internal clock
- 16-channel time-switch function (weekly program) with astro and random function
- Extensive logic functions, e.g. timers, mulitplexers, logic gates
- Signalling system, 40 alarm devices and 2 activation ranges
- Page call up via communication object
- Remote control in the local network via PC client software (Microsoft® Windows® Xp, Vista or Windows 7)

	Order no.	Packing unit	PS

Power supply:	230 V AC, 50/60 Hz
IP communication:	Ethernet 10BaseT (10 Mbit)
Connections:	Supply voltage (L, N) via screw terminals up to 2.5 mm^2 KNX/EIB via connection and branch terminal **0595 00** Ethernet via RJ45 socket
Ambient temperature:	-5 °C to +45 °C
Protection type:	IP 20
Dimensions:	W x H 228 x 146 mm W x H 115 x 86.5 mm (screen)
VDE approval in accordance with:	EN 50090-2-2, EN 55022, EN 55024, EN 61000-3-2, EN 61000-3-3, EN 60950

Installation housing 0639 00 → Page 460.



Installation housing

	0639 00	1	06

Flush-mounted installation housing for the installation of the info terminal and info terminal touch. Also suitable for installation in hollow walls.
Dimensions: W x H x D 212 x 124 x 75 mm

KNX/EIB InfoTerminal touch 2072 .. → Page 460.

i 4

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Gira SmartSensor



Gira SmartSensor, 4-gang

pure white	**1246 661**	1	06
anthracite	**1246 671**	1	06
colour aluminium	**1246 651**	1	06

The Gira SmartSensor represents a flexible operating unit for a KNX-based network. It combines functions of a push button sensor, a room temperature controller and an info display.
The SmartSensor is equipped with a display, an operating button and four rockers. Turning the operating button navigates through the various functions shown on the display. The menu and function selection is confirmed by gently pressing on the operating button. The 4 rockers can be used directly to actuate frequently used functions.

General information

- EIB-based operating device configurable via the ETS2 Version 1.3 and ETS3 Professional for the convenient operation and display of room functions
- White back-lit graphics-capable LC display, 4 lines with 22 characters each
- Display texts freely selectable
- Integration of graphics, e.g. company logos, on display level 0
- Display of ASCII texts transmitted via the KNX
- 4 rockers with 2 buttons each for calling up room functions including integrated status display (orange LED per button)
- Integrated room temperature sensor and controller
- Master function: If the SmartSensor is in Standby mode, a room function (switching, value transmitter) can be triggered by pressing the operating button
- Various symbols for temperature and fan control are integrated
- Password protection is possible
- 12 alarm messages can be output and supported with an acoustic signal
- The tone and volume of 3 different acoustic signals can be set to distinguish signals or alarms
- Display and support of 2 languages; switchover is carried out via a communication object or directly on the SmartSensor
- Dynamic memory management
- Flush-mounted installation in a common 2-gang box
- Power supply AC/DC 24 V or DC 30 V (e.g. via the two wire pairs of the EIB cable)
- 113 group addresses and 200 communication connections can be edited
- The corresponding flush-mounted 2-gang bus coupler EIB is included in the delivery

	Order no.	Packing unit	PS

Software settings

- Alarm message after removal of the flush-mounted bus coupler 2-gang (1-bit or 1- byte telegram)
- Free allocation of the functions switching/pressing, dimming, blind, value transmitter/light scene auxiliary unit and room temperature controller operation
- Lighted operating button can be controlled via object
- Blocker for blocking individual buttons or rockers
- Contrast adjustable via object
- Switching/pressing function (ON, OFF, SW, no function)
- Dimming with stop telegram and telegram repetition possible
- Single-surface operation for rocker functions (switching/pressing, dimming) possible
- Blind press function (UP/DOWN) and operating concept (STEP - MOVE - STEP or MOVE - STEP) can be set
- Press functions of value transmitter EIS 6 (1 byte) or light scene execution with/without memory function
- Operating modes: heating, cooling or heating and cooling
- Controller can be de-activated (dew-point operation) or controller or operation of the controller can be blocked
- Valve protection function (valve is opened cyclically every 24 hours)
- Control types: Continuous PI control, switching PI control (PWM) and switching 2-point control (on/off)
- Temperature detection via an internal and/or external sensor (average value calculation for large areas)
- Correcting variable objects can be inverted if necessary
- Message objects for heating and cooling
- Object for controller status
- Preset control parameters for common radiators/cooling units
- Separate window contact object
- Integrated scene memory for 8 scenes with a maximum of 12 outputs. The functions switching, value transmitter and blind are supported. The scenes can be set and changed on the SmartSensor by the user. Each scene can also be called up via a 1 bit object.
- Menu structures on 2 levels. 12 lines can be integrated per level (12 x 12 = 144 lines)
- Password can be changed via object
- Password protection can be deactivated via object
- A maximum of 4 logical connecting blocks (AND, OR, EXOR) can be configured. A maximum of 8 inputs and 1 output are available for a logic gate.

Can be illuminated in accordance with the workplace ordinance.

Operating voltage:	AC/DC 24 V or DC 30 V, e.g. non-choked output of KNX/EIB power supply
Connections:	KNX/EIB via connection and branch terminal **0595 00**
Protection type:	IP 20
Dimensions:	without operating button: W x H x D 93 x 170 x 17 mm with operating button: W x H x D 93 x 170 x 30 mm
Installation boxes, flush-mounted:	2-gang device junction box Kaiser Order No. **1656-02**
Hollow wall:	2-gang device junction box Kaiser Order No. **9062-02** Kaiser Order No. **9062-77** (halogen-free)
Concrete:	B2 universal box Spelsberg Order No. **974,002 01** plus 2x installation bridge Spelsberg Order No. **974,120 01** plus 4x screws Spelsberg Order No. **974 130 01**

KNX/EIB connection and branch terminal 0595 00 → Page 510.
KNX/EIB power supply 1086 00, 1087 00 → Page 482.

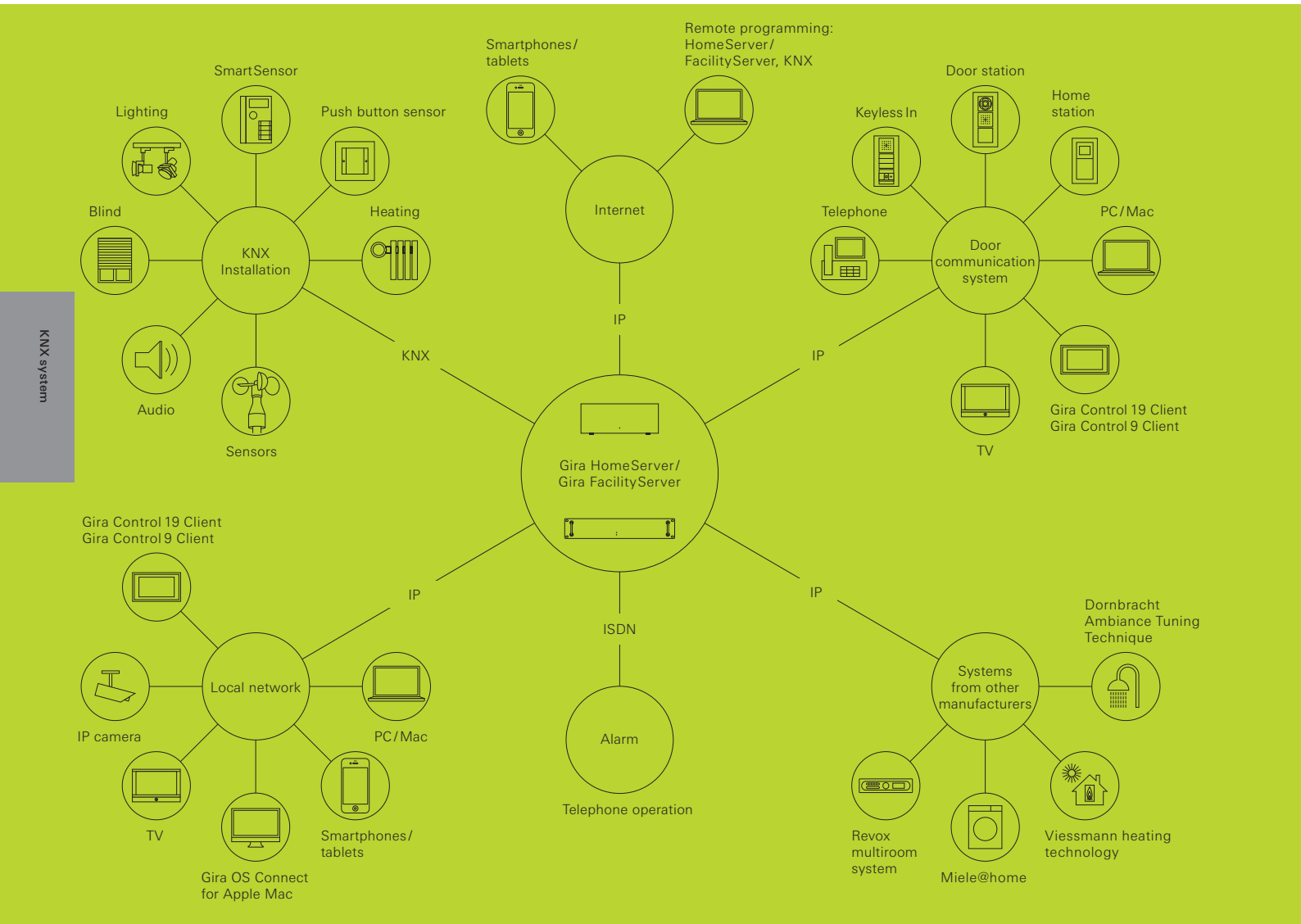
Gira HomeServer
The Gira HomeServer is the on-board computer for the intelligent house. It controls all functions of the KNX installation and integrates door intercoms, multimedia systems, household appliances and much more seamlessly into building control. This provides more convenience and security within homes while also helping to save energy.

Gira FacilityServer
Especially for use in commercial properties, the Gira Facility Server is available as a 19" rack insert for installation in server cabinets. It has even more memory capacity for the multi-functional networking of building technology, and it's particularly suitable for comprehensive systems and monitoring processes.

Intuitive operation – at home and while away
Operating the Gira HomeServer is child's play. All functions can be accessed quickly via the Gira Control Clients on the wall, with the computer or while away using smartphones and tablets. The intuitive user interface, the Gira Interface, allows convenient navigation and provides numerous additional features such as weather services, e-mail, data evaluation and more. All functions are available within two levels. Additional detailed information and operating elements are displayed in a pop-up window. This ensures an ideal overview and enables convenient operation.

Door communication perfectly integrated
In combination with the Gira DCS-IP-gateway, audio-visual door communication can also be integrated in the user interface of the Gira HomeServer using a plug-in. In this way, occupants can see who is at the door via the Gira Control Clients or on the computer and conveniently open the door. The Gira Keyless In components Fingerprint, Transponder and Keypad can also be integrated. Thus all data can be managed flexibly, including access authorisations. In addition, intelligent links of all types are possible. For example, greeting scenes or absence modes can be easily started automatically when entering or leaving the home.

Connecting different worlds
As a system and solution provider for intelligent building technology, Gira connects different worlds of technology – within the product range and in cooperation with experienced partners, like Revox, Viessmann, Miele or Loewe. This enables easier integration of a wide range of products in the home control using the Gira HomeServer while opening up numerous possible new applications.



Gira KNX system
Gira HomeServer®, Gira FacilityServer®

New. **Gira HomeServer 4**
The fourth generation of the Gira HomeServer now offers even more power and memory capacity for the multi-functional networking of KNX installations. The Gira HomeServer 4 features a high-quality housing with an aluminium front panel.
It can be mounted to the wall easily and securely using an optionally available wall holder. This saves room, makes the connections on the rear of the device easily accessible and facilitates neat cable management.

1 Gira HomeServer 4 with wall holder

2 Gira FacilityServer



1 2

Advantages Gira HomeServer
No additional control software required

Intuitive operation

All functions are available within two levels

Possibility for teleservicing. In addition, in connection with the ETS 4 software, the entire KNX system can be configured remotely

Upgrade to the latest version possible

Integration of systems from other manufacturers, e.g. Agfeo telephone systems (using the optional ISDN adapter), Revox entertainment systems, Dornbracht ATT shower systems, Miele household appliances and other IP-based systems

Low current consumption and absolutely silent operation

Design
Gira Design Team, Radevormwald

Product information
www.gira.com/brochures

Advantages Gira FacilityServer
High-performance facility management with the KNX system

Interconnection of the facilities and functions via the local network or the Internet

Easy configuration using the Gira Expert start-up software

The connected functions are operated via standard software such as Internet browsers or additional software clients

Visualisation of the building and function structure

Investment protection through extensions and software updates

Low current consumption

Can be installed in 48.3 cm [19"] built-in cabinets



New. Gira HomeServer 4

The Gira Control Clients are the central operating devices for the Gira HomeServer and the KNX installation in the home. With their brilliant touch displays, they enable simple control of the entire home technology with just a single finger. The devices are equipped with a loudspeaker and microphone so they can also be used for audio-visual door communication – a separate home station is then no longer required. A colour camera is integrated for future applications.

Gira Control 19 Client
The Gira Control 19 Client has a generously proportioned display with a screen diagonal of 47 cm [18.5"].

Gira Control 9 Client
The Gira Control 9 Client is available as a compact variant with a 22.9 cm [9"] display.

Advantages
PC-based touch display with energy-saving INTEL Atom processor

Display with backlighting for good visibility and legibility

Loudspeaker and microphone are integrated, thus also suitable as a home station for audio-visual door communication

Power supply via integrated long range power supply unit from 110 to 230 V and 24 V DC

Design
Gira Design Team, Radevormwald

Awards
Control 19 Client
red dot award 2011, Design Zentrum NRW

Plus X Award 2011

Product information
Gira Control 19 Client
www.gira.com/brochures

Awards
Control 9 Client
iF award 2011
iF Design Hannover

Plus X Award 2011

Product information
Gira Control 9 Client
www.gira.com/brochures

Gira Control 9 Client

1 Glass white/aluminium
2 Glass mint/aluminium
3 Glass umber/aluminium


1


2


3



Gira Control 9 Client,
glass black/aluminium

Gira Interface
With the Gira Interface, the user interface of the Gira Home Server, controlling innovative home technology is child's play. Understanding the menu guidance is intuitive because all functions are available within two levels.

Additional detailed information and operating elements are displayed in a pop-up window. This ensures an ideal overview and enables convenient operation using the touch screen. The Gira Interface features a uniform design on all operating devices and was optimised for various display sizes.

Gira Control 19 Client

1 Glass white/aluminium
2 Glass mint/aluminium
3 Glass umber/aluminium



1



2



3

New. **Function templates, plug-ins and more**
The Gira Interface has been expanded with numerous functions. In addition to updated plug-ins, many new function templates and options are available for the individual adaptation of the user interface. They include, among others:

- Status display in the main menu
- Classification according to building sections
- Filter function
- Weather display with international data
- Code lock
- Definition of limits
- Flexible adaptation of display and switching elements
- Locking of functions
- Text messages in the function list

Interface concept/design
schmitz Visuelle Kommunikation, Wuppertal

Design awards
red dot award 2011
Design Zentrum NRW

iF gold award 2008
iF Design Hannover

Plus X Award 2009



Gira Control 19 Client,
glass black/aluminium

Gira KNX system
HomeServer/FacilityServer apps

On the way to work, on holiday or in the garden: with the Gira HomeServer/FacilityServer app, convenient mobile operation of the complete home technology is possible – using an iPhone, iPad or iPod touch, or an Android device. The user interface in the uniform Gira Interface design provides easy-to-understand and intuitive menu guidance and displays all the functions at a glance.

New. **Gira HomeServer/ FacilityServer Android app**
The Gira HomeServer/ FacilityServer app is now also available for the Android mobile operating system. This will make even more operating devices available to control the Gira HomeServer.

Available via Google Play starting 03/2013

Advantages
Convenient mobile operation of the complete building technology using the:
- iPad
- iPhone
- iPod Touch
- Android

Supported menus:
- Main menu
- Room list
- Room functions
- Single-room temperature control
- Time clock

Supported plug-ins:
- Diagrams
- Cameras
- Camera archive
- Message archive
- Weather station

Concept, editing and Interface design
schmitz Visuelle Kommunikation, Wuppertal

Gira HomeServer/ FacilityServer app



Gira HomeServer/FacilityServer app on the Apple iPad



Gira HomeServer/FacilityServer app on the Samsung Galaxy S2

	Order no.	Packing unit	PS

Gira HomeServer 4



KNX/EIB
Gira HomeServer 4

Gira HomeServer 4	**0529 00**	1	05

Gateway for KNX installation, primarily matched to the needs of buildings in the private sector. This turns the Gira HomeServer 4 into an on-board computer that assumes the networking of modern buildings and their technical equipment internally and with the outside world.
Operation is carried out via state-of-the-art communication media. In addition to a PC, access can also be carried out via other Internet-capable devices connected to a LAN, an in-house WLAN or the Internet. As a result, the KNX functions can be controlled and regulated anywhere. The Gira SmartSensor, Control 9 Client, Control 19 Client and Gira Interface apps for iPhone®, iPod® touch and iPad® can be used as convenient operating devices for the Gira HomeServer 4. The corresponding app is available in the Apple® App Store. Available for Android starting December 2012 (in the Google Play Store).
Due to the software architecture, the HomeServer is protected against attacks from the Internet. The high security standard is supplemented, among other things, by an authentication system in which a telephone number, user name and PIN are requested (only in connection with a USB-ISDN adapter).

Some additional functions:
- Can be updated.
- Management of 200 users. Multiple logins possible under one user name.
- Project archiving with individual content such as floor plans, etc.
- Cyclic/triggered data recording (for example, temperature courses, elapsed-hour meters, fill levels). Graphic display.
- Graphic user interface: Visualisation of building and device states with freely positionable icons and texts. Saving of individual images and menu structures for each user group.
- Evaluation of IP cameras, e.g. from Mobotix: Recording of images and display in visualisation. Forwarding of the image data via e-mail and FTP. In the process, country-specific requirements must be taken into account, especially protocol-specific information and standards in the communication sector (e.g. ISDN, text message, etc.).
- Exporting of data or alarm records in the Excel™, CSV, HTML or XML file formats.
- Mathematical functions (e.g. basic operations).
- Storing and calling up of light scenes.
- Time clocks, weekly program, public holiday calendar.
- Fault messages, measured values and sensor or actuator states can be transmitted by SMS and e-mail. Acknowledgement via EIB or phone.
- Switching via phone call.
- Self-teaching occupied-home simulation.
- Remote programming via network, Internet and data communications connections.
- Transmitting ASCII texts to the info display 2.
- IP coupling with products from other manufacturers that generate or edit IP telegrams for control.
- Low-wearing, as there are no moving parts such as a fan or hard disk.
- Graphic logic editor: Allows for example copying module groups across projects, creating any number of work sheets. Over 150 logic modules are set up.
- Importing and exporting of global libraries.
- Communication objects: Data transfer from ETS by means of an OPC file or HSXML file (ETS add-in). Importing and exporting of communication objects as a CSV file.
- Universal time clock: Several switching points possible per clock. Use of placeholders in day, month, year. Activation/deactivation via communication object. With Astro and random function.
- Data backup/restoration of retentive data.
- 14-byte EIB texts: Evaluation through comparison with text string. Use in text messages, e-mails or status page.
- Receipt of IP telegrams: Specification of an address range, extraction of 14-byte EIB texts, assignment to 14-byte EIB texts.
- SNMP: Reading out numeric and 14-byte EIB texts. Setting numeric and integer values and texts. Transmitting SNMP traps via HomeServer command. Optional ColdStart trap when starting HomeServer.
- Operation/status display via Agfeo telephone system.
- Bus access via EIBnet/IP protocol.
- Evaluation of web-based IP devices (reading/writing).
- iETS server: Remote programming of EIB systems (secure operation ensured). Enabling iETS function via communication object. HomeServer continues to run without restriction during programming via iETS. Switching processes continue to run. Process image remains current.
- For further information, please see: www.gira.de/homeserver
- Technical information may vary or be modified depending on version.

System requirements for operating devices:
Internet browser of possible operating devices must support at least HTML 4.0, Java Script 1.1, CSS and Dynamic HTML.
Connection options:
- 1 serial port.
- 1 RJ 45 network connection, 10/100 Mbit Ethernet
- To the KNX system via IP router **2167 00**, flush-mounted USB data interface **1070 00**, DRA USB data interface **1080 00** (USB HID-compliant available from Expert software version 2.4 or higher).
- Connection to ISDN via USB-ISDN adapter **2093 00.**

Start-up software:
- HomeServer Expert software for operating systems from Windows XP™ including Internet Explorer from Version 6.0.
- Adoption of the ETS group addresses from ETS 2, ETS 3 and ETS 4.
- Integration of graphics programs.

Scope of supply:
- mains cable, null modem cable, brief instructions, HomeServer 4.

Protection type:	IP 20
Operating temperature:	0 °C to +40 °C
Power consumption:	approx. 15 W
Dimensions:	W x H x D 225.5 x 90.5 x 231.5 mm

USB data interface UP 1070 00 → Page 475.
USB data interface DRA 1080 00 → Page 485.
USB connection cable 0903 00 → Page 475.
USB-ISDN adapter 2093 00 → Page 468.
Wall mount for HomeServer 4 2098 00 → Page 467.
KNX IP router 2167 00 → Page 484.



Wall mount for HomeServer 4

	2098 00	1	05

New.
Bracket with strain relief for mounting the HomeServer 4 to the wall easily.

Dimensions:	W x H x D 195 mm x 292 mm x 21.5 mm

Gira HomeServer 4 0529 00 → Page 467.

	Order no.	Packing unit	PS

Gira FacilityServer



KNX/EIB
Gira FacilityServer

Gira FacilityServer	**2075 00**	1	05

Gateway for the KNX installation, especially matched to the demanding requirements in the commercial sector. With the Gira FacilityServer, systems and building functions can be networked intelligently with each other and the entire KNX installation can be monitored, controlled and programmed centrally from the PC. Access and monitoring of the building and system technology from outside is also possible by connecting the Gira FacilityServer to the Internet. The Gira FacilityServer also serves as a data server for higher-level facility management systems, to which it provides stored consumption and operating data for evaluation.
The Gira FacilityServer offers the complete functional range of the Gira HomeServer, but is equipped with considerably more memory for its use in the commercial sector. This enables considerably larger amounts of data to be stored and more complex, more extensive visualisations to be created. Several Gira FacilityServers can be networked in order to also interconnect buildings which are spatially separated from each other: Local and higher-level applications can be combined. Operation is carried out via state-of-the-art communication media. In addition to a PC, access can also be carried out via other Internet-capable devices connected to a LAN, an in-house WLAN or the Internet. As a result, the KNX functions can be controlled and regulated anywhere. The Gira SmartSensor, Control 9 Client, Control 19 Client and Gira Interface apps for iPhone®, iPod® touch and iPad® can be used as convenient operating devices for the FacilityServer. The corresponding app is available in the Apple® App Store. Available for Android starting December 2012 (in the Google Play Store).
Due to the software architecture, the FacilityServer is protected against attacks from the Internet. The high security standard is supplemented, among other things, by an authentication system in which a telephone number, user name and PIN are requested. The different security levels can be individually configured depending on the access environment.

Some additional functions:

- Can be updated.
- Installation in 19" rack. For this purpose the scope of supply includes a 19" insert unit with an aluminium plate. Can also be used as a stand-alone device.
- Management of 200 users. Multiple logins possible under one user name.
- Project archiving with individual content such as floor plans, etc.
- Cyclic/triggered data recording (for example, temperature courses, elapsed-hours meters, fill levels). Graphic display.
- Graphic user interface: Visualisation of building and device states with freely positionable icons and texts. Saving of individual images and menu structures for each user group.
- Evaluation of IP cameras, e.g. from Mobotix: Recording of images and display in visualisation. Forwarding of the image data via e-mail and FTP. In the process, country-specific requirements must be taken into account, especially protocol-specific information and standards in the communication sector (e.g. ISDN, text mess. etc.).
- Exporting of data or alarm records in the Excel™, CSV, HTML or XML file formats.
- Mathematical functions (e.g. basic operations).
- Storing and calling up of light scenes.
- Time clocks, weekly program, public holiday calendar.
- Fault messages, measured values and sensor or actuator states can be transmitted by SMS and e-mail. Acknowledgement via EIB or phone.
- Switching via phone call.
- Self-teaching occupied-home simulation.
- Remote programming via network, Internet and data communications connections.
- Transmitting ASCII texts to the info display 2.
- Low-wearing.
- IP coupling with products from other manufacturers that generate or edit IP telegrams for control.
- Graphic logic editor: Allows for example copying module groups across projects, creating any number of work sheets. Over 150 logic modules are set up.
- Importing and exporting of global libraries.
- Communication objects: Data transfer from ETS by means of an OPC file. Import/export of communication objects as a CSV file.
- Universal time clock: Several switching points possible per clock. Use of placeholders in day, month, year. Activation/deactivation via communication object. With Astro and random function.
- Data backup/restoration of retentive data.
- 14-byte EIB texts: Evaluation through comparison with text string. Use in text messages, e-mails or status page.
- Receipt of IP telegrams: Specification of an address range, extraction of 14-byte EIB texts, assignment to 14-byte EIB texts.
- SNMP: Reading out numeric and 14-byte EIB texts. Setting numeric and integer values and texts. Transmitting SNMP traps via FacilityServer command. Optional ColdStart trap when starting the FacilityServer.
- Operation/status display via Agfeo telephone system.
- Bus access via EIBnet/IP protocol.
- Evaluation of web-based IP devices (reading/writing).
- iETS server: Remote programming of EIB systems (secure operation ensured). Enabling iETS function via communication object. FacilityServer continues to run via iETS without restriction during programming. Switching processes continue to run. Process image remains current.
- For further information, please see: www.gira.de/facilityserver
- Technical information may vary or be modified depending on version.

Scope of supply:

- Gira FacilityServer with temperature-controlled fan in 19" insert (48.26 cm) with aluminium plate, Mains cable, Null modem cable
- Brief instructions for start-up

System requirements for operating devices:

The internet browser of possible operating devices must support at least HTML 4.0, Java Script 1.1, CSS and Dynamic HTML.

Connection options:

- 1 serial port
- 1 RJ45 network connection, 10/100 Mbit Ethernet
- To the KNX system via IP router **2167 00**, flush-mounted USB data interface **1070 00**, DRA USB data interface **1080 00** (USB HID-compliant available from Expert software version 2.4 or higher).
- Connection to ISDN via USB-ISDN adapter **2093 00.**

Start-up software:

- FacilityServer Expert software for operating systems from Windows XP™ including Internet Explorer from Version 6.0.
- Adoption of the ETS group addresses from ETS 2, ETS 3 and ETS 4.
- Integration of graphics programs.

Protection type:	IP 20
Operating temperature:	0 °C to +45 °C
Power consumption:	approx. 15 W
Dimensions:	W x H x D 483 x 88 x 270 mm

USB data interface UP 1070 00 → Page 475.
USB data interface DRA 1080 00 → Page 485.
USB-ISDN adapter 2093 00 → Page 468.
KNX IP router 2167 00 → Page 484.

USB-ISDN adapter

	2093 00	1	05

New.

For connecting the Gira HomeServer 4 to ISDN. USB and ISDN connection cable included in the scope of supply.

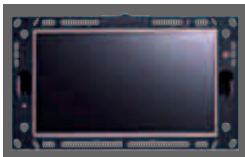
Connections:	USB 2.0 type B
	ISDN DSS1, 1TR6, RJ45
Operating temperature:	0 °C to +40 °C
Dimensions:	L x W x H 95 x 30 x 23 mm

Gira HomeServer 4 0529 00 → Page 467.
Gira FacilityServer 2075 00 → Page 468.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Gira Control 19



Gira Control 19 Client

	2088 00	1	05

The Gira Control 19 Client is a display and operating unit for connection to the Gira HomeServer or Gira FacilityServer. The Gira Control 19 Client can also be used as a home station for door communication via the Gira DCS-IP-gateway. The device is IP-based and has a TFT touch screen with 47 cm (19") screen diagonal.

Functions:

- Visualisation and operation of building system technology functions in conjunction with the Gira Home Server and/or Facility Server.
- Display of e-mails.
- Playback of acoustic signals.
- Suitable for door communication systems as a home station (via DCS-IP-gateway).

Device properties:

- PC with touch screen
- Integrated power supply unit
- Colour camera integrated
- Integrated loudspeaker
- Integrated microphone

Operating system: Windows® embedded.

Installation note:

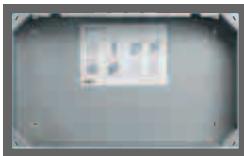
For installation in flush-mounted box **2076 00**. **Note:** Can also be installed in existing Gira/Pro-face ServerClient 15 flush-mounted boxes.

Not suitable for outdoor use.

System Information:	INTEL Atom processor 1.6 GHz 4 GB CF, internal memory 1 GB RAM 512 kB, L2 cache	
Connections:	4 x USB 2.0, 2 at front, 2 at rear 1 x SD card slot SDHC, to 32 GB 2 x RJ-45 connections, Gigabit LAN	
Display:	WXGA (1366x768) resolution 16.7 million colours	
Camera:	1.3 million pixels	
Temperature ranges:	Operation: Storage:	±0 °C to +40 °C -20 °C to +60 °C
Relative humidity:	10 to 85% r. h. at +35 °C, no condensation	
Power supply:	100 to 230 V~ AC, or 24 V DC	
Power consumption:	Max. (100% CPU) standby	39 W max. 5 W
Dimensions:	W x H 546 x 330 mm, height from wall 15 mm	

Flush-mounted housing/flush-mounted box 2076 00 → Page 469.
Design frame 2090 05, 2090 12, 2090 18, 2090 122 → Page 469.
Power supply unit 24 V DC, 0535 00 → Page 469.
DCS-IP-gateway 2620 97, 2620 98, 2620 99 → Page 371.

	Order no.	Packing unit	PS



Flush-mounted box for Gira Control 19 Client

Flush-mounted	**2076 00**	1	05

Flush-mounted box for flush-mounted installation of the Gira Control 19 Client.

Installation dimensions:

- Octagonal cut-out with W x H x D 528 x 312 x 80 mm, whereby a 46 x 46 mm triangle must be left in the corners.
  46 mm + 436 mm + 46 mm = 528 mm
  46 mm + 220 mm + 46 mm = 312 mm

An installation template is included with the product.

Gira Control 19 2088 00 → Page 469.



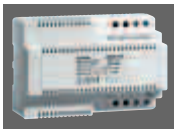
Design frame for Gira Control 19

Glass mint/aluminium	**2090 18**	1	05
Glass white/aluminium	**2090 12**	1	05
Glass black/aluminium	**2090 05**	1	05
Glass umber/aluminium	**2090 122**	1	05

Design frame of aluminium and glass for Gira Control 19

Dimensions: W x H 546 x 330 mm

Gira Control 19 Client 2088 00 → Page 469.



Power supply unit 24 V DC/5 A

DRA	**0535 00**	1	06

Stabilised and short-circuit-proof switched mode power supply for installation on a top-hat rail.

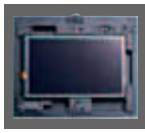
Voltage/max. current: 24 V DC/5 A

Dimensions: L x W x D 140 x 93 x 67 mm

Gira Control 19 Client 2088 00 → Page 469.

	Order no.	Packing unit	PS

Gira Control 9



Gira Control 9 Client

	2078 00	1	05

The Gira Control 9 Client is a display and operating unit for connection to the Gira HomeServer or Gira FacilityServer. The Gira Control 9 Client can also be used as a home station for door communication via the Gira DCS-IP-gateway. The energy-saving device is PC-based and has a TFT touch screen with LED backlighting and 22.86 cm (9") screen diagonal.

Functions:

- Visualisation and operation of building system technology functions in conjunction with the Gira Home Server and/or Facility Server
- Display of e-mails
- Playback of acoustic signals
- Suitable for door communication systems as a home station (via DCS-IP-gateway).

Device properties:

- PC with touch screen
- Integrated power supply
- Integrated colour camera
- Integrated loudspeaker
- Integrated microphone
- LED backlighting for touch screen

Operating system: Windows® embedded.

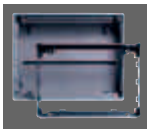
Installation note:

For installation in flush-mounted box **2082 00**. **Note:** The adapter frame **2081 00** enables installation in existing InfoTerminal Touch flush-mounted boxes.

Not suitable for outdoor use.

Power supply:	Integrated long range power supply unit, 110 to 230 V~
Power consumption:	max. 20 W max. 8 W (display off) max. 1 W (Standby)
System Information:	INTEL Atom processor 1.1 GHz 2 GB SSD, internal memory 1 GB RAM 512 kB, L2 cache
Connections:	2 x USB 2.0 type A (rear), 1 x USB 2.0 type A (front), 1 x USB type Mini AB (front) 1 x SD card slot SDHC, to 32 GB RJ-45 connection 10/100MBit Audio: 1 x Line In, 1 x Line Out (stereo) 1 x analogue video input
Display:	WVGA (800x480 px) resolution 16.7 million colours
Camera:	1.3 million pixels
Temperature ranges:	±0 °C to +35 °C operation -10 °C to +70 °C storage
Relative humidity:	15 to 85% r. h. at +40 °C, no condensation
Dimensions:	W x H x D 268 x 220 x 65 mm Height from wall 16 mm Height from wall 28 mm as upgrade version with adapter frame

Flush-mounted housing/flush-mounted box 2082 00 → Page 470.
Desk housing 2083 00 → Page 470.
Design frame 2080 05, 2080 12, 2080 18, 2080 122 → Page 470.
Adapter frame 2081 00 → Page 470.
DCS-IP-gateway 2620 97, 2620 98, 2620 99 → Page 371.



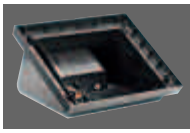
Flush-mounted housing/flush-mounted box

	2082 00	1	05

Also suitable for installation in hollow walls.

Dimensions: W x H x D 252 x 194 x 64 mm

Gira Control 9 Client 2078 00 → Page 470.
Gira Control 9 KNX 2079 00



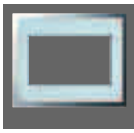
Desk housing

	2083 00	1	05

Desk housing for Gira Control 9 to be placed on a desk or installed on the wall. The housing places the Gira Control 9 at an angle of 30° to the viewer. Space sleeve, screws and non-slip pads are included.

Dimensions:	Length 274 mm Width 226 mm Height 147 mm, upper edge of housing from the desk/from the wall
Angle to surface:	30°
Connection:	RJ 45 coupler

Gira Control 9 Client 2078 00 → Page 470.
Gira Control 9 KNX 2079 00



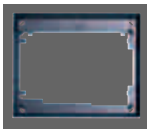
Design frame for Gira Control 9

Glass mint/aluminium	**2080 18**	1	05
Glass white/aluminium	**2080 12**	1	05
Glass black/aluminium	**2080 05**	1	05
Glass umber/aluminium	**2080 122**	1	05

Design frame of aluminium and glass for Gira Control 9

Dimensions:	L x W x H 278 x 230 x 16 mm (height from wall) L x B x H 278 x 230 x 28 mm as upgrade version with adapter frame (height from wall)

Gira Control 9 Client 2078 00 → Page 470.
Gira Control 9 KNX 2079 00



Adapter frame

	2081 00	1	05

The adapter frame is required for installation in an existing InfoTerminal Touch flush-mounted box, **0639 00**

Gira Control 9 Client 2078 00 → Page 470.
Gira Control 9 KNX 2079 00
Flush-mounted housing/flush-mounted box 0639 00 → Page 470.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Gateway



Surface-mounted radio KNX/EIB converter

pure white	**0868 00**	1	06

Product family: Communication
Product type: Radio

The radio KNX converter enables coupling a radio bus installation to a KNX installation. The radio telegrams are converted into corresponding KNX telegrams. Up to 50 radio channels can be assigned.
Properties which can be adjusted with software via the ETS 2 or higher:

- Switching, toggling
- Dimming
- Blind
- Value transmitters
- Light scene and light scene auxiliary unit
- Automatic control switch
- Universal transmitter as switch

The operating voltage is provided solely by the KNX. A 9 V battery (not included in scope of supply) is also required, but only for the assignment of radio bus transmitters.
Please observe the planning information in the technical appendix.

Connections:	KNX/EIB via connection and branch terminal **0595 00**
Temperature range:	-5 °C to +45 °C
Protection type:	IP 20
Dimensions:	W x H x D 110 x 94 x 38 mm

Radio transmitter:
0412 00, 0511 00, 0527 00, 0826 02, 1111 .., 1113 .., 1306 .., 2251 .., 2252 .., 2254 .., 2256 .. → Page 542.
KNX/EIB connection and branch terminal 0595 00 → Page 510.

	Order no.	Packing unit	PS

Sensors, automatic control switches and time clocks transmit switching commands to the system actuators of the KNX technology. These convert the received commands into actions. They form the interface between the KNX system and the electrical devices.

With Gira DRA plus, there is a new generation of DRA devices for the KNX system. KNX system offers expanded functionality with harmonised applications, e.g. logical links, scenes, block functions, elapsed-hours meters and time functions.

Gira KNX IP router
The Gira KNX IP router interconnects KNX lines via data networks. It uses the KNXnet/IP standard, and connection to the data network is via RJ45 sockets. The device has an integrated switch with two RJ45 connections. This allows several IP routers or other IP devices in the distribution to be connected. The router features a card reader for Micro SDHC cards. The KNX telegrams in an ETS-compliant format can be recorded to the card for analysis purposes.

Product information at
www.gira.com/brochures

Advantages
Expanded functionality with harmonised applications, e.g. logical links, scenes, block functions, elapsed-hours meters and time functions

DRA actuators are uniformly equipped with a 16-ampere relay

Manual operation with DRA switching and blind actuators already functions in an unprogrammed state or without bus voltage

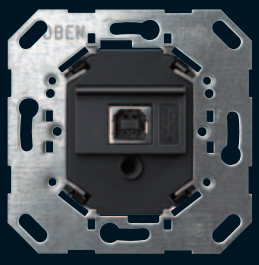
C-load actuators feature integrated current measurement

With ISO/IEC 145-43-3, KNX bus technology is based on a common worldwide standard

Nearly all Gira KNX devices suitable for 230 V mains voltage are also tested for electric safety in accordance with VDE – which can be recognised by the VDE logo, e.g. on the device label.



1


2

Gira KNX system
System devices, DRA, sensors, actuators, accessories

Gira KNX system
System devices, sensors, actuators, accessories

Inserts
System devices 474
Sensors 475
Actuators 476

DRA
DRA system devices
Power supply 482
KNX IP router 484

DRA sensors
Binary input 486
Weather station 488
Combination sensor 489

DRA actuators
Switching actuators 490
Heating actuator 493
Dimming actuators 499
Control units 502
DALI gateway 502
Blind actuators 503
Fan coil actuator 506

Installation
Sensors 508
Universal push button interface 508
Actuators 509

Accessories
Connection terminal 510
Support ring 510

1
KNX bus coupler 3

2
KNX USB data interface

3
KNX IP router

4
DALI gateway

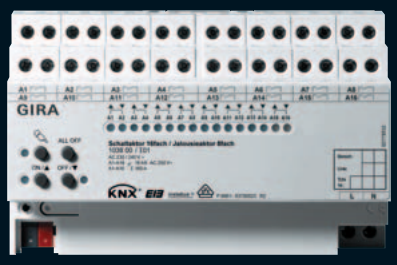
5
Switching blind actuator 16/8-gang



3



4



5

	Order no.	Packing unit	PS

KNX/EIB

The KNX Association (formerly EIBA) is a union of the leading companies of the electrical installation technology industry with the task of promoting a uniform installation bus system.
Gira is a founding member of the EIBA and a member of the KNX Association. All Gira KNX devices are developed and certified in accordance with the EIBA/KNX guidelines.
KNX systems are planned and put into operation using a laptop or PC. For the planning and start-up of the devices and for diagnosing a system, ETS (EIB Tool Software) is required.
Licensing of ETS with the KNX Association in Brussels:

KNX Association
Bessenveldstraat 5
B-1831 Brussels
Phone: +32 (2) 77 58 590
Fax: +32 (2) 77 58 650
E-mail: sales@konnex.org
Internet: www.knx.de, www.konnex.org

The ETS utilises a product database with manufacturer-specific information.
The Gira product database is available to you free of charge.
Gira is solely a manufacturer of KNX products.
As a result, only information regarding the gross price of the KNX products used can be provided in invitations to tender.
Only non-binding approximate times based on experience will be specified for planning and start-up.
The resulting costs are determined by an individual calculation of the responsible planning office/installation firm.

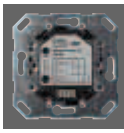
Should you have further questions regarding KNX or the Gira product database, please use our hotline:

Phone: +49 (0) 21 95 / 602 - 123
Fax: +49 (0) 21 95 / 602 - 118
hotline@gira.de
www.gira.de

New products are constantly being added to the Gira KNX product range. Please contact the plant directly should you have such queries.

	Order no.	Packing unit	PS

System-device inserts

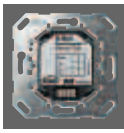


KNX/EIB bus coupler

Bus coupler	**0570 00**	1/5	06

Product family: System devices
Product type: Bus coupler
The flush-mounted bus coupler is the interface between the bus and the user module, e.g. push button sensor, info display, continuous regulator, data interface etc. The bus coupler can receive, send and evaluate telegrams. It contains the address, the system program and user-specific programs. Release of the programming of the physical address by pressing the programming button.
Status indication by red programming LED.
Only suitable for flush-mounted wall boxes with screw attachment.
Power consumption: max. 150 mW
Connections: KNX/EIB via connection and branch terminal **0595 00**
User module via plug connector 2 x 5-pole
Temperature range: -5 °C to +45 °C
Protection type: IP 20
Dimensions: Installation depth 32 mm

KNX/EIB connection and branch terminal 0595 00 → Page 510.



KNX/EIB bus coupler 3

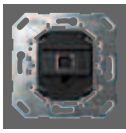
Bus coupler 3	**2008 00**	1/5	06
with external sensor			
Bus coupler 3 external sensor	**2009 00**	1/5	06

The bus coupler 3 connects a KNX system to a KNX application module (e.g. a push button sensor 3).
The combination of bus coupler 3 and application module represents a functional unit. In the ETS project, this unit is configured in the form of the application program of the application module.
In addition, a remote temperature sensor can be connected to the bus coupler 3 with external sensor **2009 00**. This enables a room temperature controller to record the temperature at an additional measuring point.
Protection class: III
Temperature range: -5 °C to +45 °C

Remote sensor 1493 00 → Page 510.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



KNX/EIB
USB data interface

Flush-mounted	**1070 00**	1/5	06

Product family: System devices
Product type: Interface
USB data interface with integrated bus coupler. It enables the connection of a PC for the addressing, programming and diagnosis of KNX components. The data interface is supported by **ETS3** or the **ETS Starter**.

Connections:	KNX/EIB via connection and branch terminal **0595 00** USB pin jack,type B
transfer protocol:	compatible with USB 1.1/2.0
Temperature range:	-5 °C to +45 °C
Protection type:	IP 20

Suitable for cover plate 0276 .., 0876 ..
KNX/EIB connection and branch terminal 0595 00 → Page 510.
USB connection cable 0903 00 → Page 475.



USB connection cable

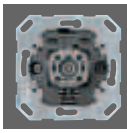
	0903 00	1	06

USB connection cable for connecting the USB data interface flush-mounted or DRA to the PC. Plug type A-B.
Connection line: 3 m

USB data interface UP 1070 00 → Page 475.
USB data interface DRA 1080 00 → Page 485.

	Order no.	Packing unit	PS

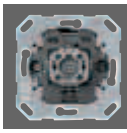
Sensor inserts



KNX/EIB
push-button bus coupler,
1-gang with single-point operation
and status LED

Flush-mounted	**0181 00**	1/5	06

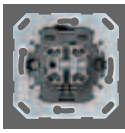
Functional description → Page 422.



KNX/EIB
push-button bus coupler,
1-gang with two-point operation
and status LED

Flush-mounted	**0184 00**	1/5	06

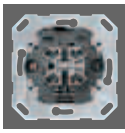
Functional description → Page 422.



KNX/EIB
push-button bus coupler,
2-gang with single-point operation

Flush-mounted	**0182 00**	1/5	06

Functional description → Page 422.



KNX/EIB
push-button bus coupler,
2-gang with two-point operation

Flush-mounted	**0185 00**	1/5	06

Functional description → Page 422.

	Order no.	Packing unit	PS

Actuator inserts



KNX/EIB switching actuator, 1-gang 16 A

Flush-mounted	**1059 00**	1	06

Product family: Output
Product type: Binary output, 1-gang

1-gang flush-mounted switching actuator with two binary inputs for installation in a flush-mounted wall box (electronics box from Kaiser recommended). Four zero-voltage contacts can be connected to the two binary inputs. The two inputs can carry out various functions or be blocked independently of each other in the process. The input "One" is assigned to the switching actuator at the factory, enabling operation without programming.
The connection to 230 V is made via a flexible cable with a length of approx. 20 cm. The connection of the binary inputs and the KNX is made via a 6-wire connection cable, approx. 30 cm in length. The connection cable for the binary inputs can be extended to a maximum of 5 m.

Output:
- Output can be configured as NO contact or NC contact
- Selection of preferred position for bus voltage failure and return
- Switch-on and/or switch-off delay or time-switch function can be set
- Output with three objects: Switching, response and additional function (linking, block function or forced setting)
- Response object can be inverted

Inputs:
- Free assignment of the functions switching, dimming, blind and value transmitter to both inputs
- Blocker for blocking individual inputs
- Behaviour when the bus voltage returns can be configured separately for each input
- Telegram rate limiting
- Switching function: Two independent switching objects for each input present and can be enabled individually, command for rising or falling edge can be set independently (ON, OFF, SW, no reaction)
- Dimming function: Single and double-surface operation, time between dimming and switching and dim-step size can be set, telegram repetition and stop-telegram transmission possible
- Blind function: Command can be set with rising edge (no function, UP, DOWN, CHANGE), operating concept can be configured (Step - Move - Step or Move - Step), time between step and moving mode can be set, slat adjustment time can be set
- Value transmitter and light scene auxiliary unit function: Edge (push button as NO contact, push button as NC contact, switch) and value with edge can be configured, value adjustment with push button by pressing and holding button for value transmitters possible, light scene auxiliary unit with memory function and saving of the scene without calling up previously is possible

Switching contact:	Relay with 1 x zero-voltage closing contact
Load capacity:	230 V AC/16 A
Connected load:	2500 W light bulbs 2200 W HV halogen 1000 VA LV halogen, wound transformer 1000 W LV halogen, Gira Tronic transformer 10 A, max. 105 µF capacitive load
Number of inputs:	2
Temperature range:	-5 °C to +45 °C
Protection type:	IP 20
Dimensions:	L x W x H 51 x 48 x 28 mm
Installation:	Electronics box Kaiser Order No. **1068-02** Kaiser Order No. **9062-94** (windproof) Kaiser Order No. **9062-74** (halogen-free)
VDE approval in accordance with:	EN 60669-1, EN 60669-2-1, EN 50428

Push rocker insert, 4-gang 0147 00 → Page 276.
KNX/EIB connection and branch terminal 0595 00 → Page 510.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



KNX/EIB
switching actuator, 2-gang
6 A

Flush-mounted	**1057 00**	1/5	06

Product family: Output
Product type: Binary output, 2-gang

2-gang flush-mounted switching actuator with two binary inputs for installation in a flush-mounted wall box (electronics box from Kaiser recommended). Four zero-voltage contacts can be connected to the two binary inputs. The two inputs can carry out various functions or be blocked independently of each other in the process. The two inputs are assigned to the outputs of the switching actuator at the factory, enabling operation without programming.
The connection to 230 V is made via a flexible cable with a length of approx. 20 cm. The connection of the binary inputs and the KNX is made via a 6-wire connection cable, approx. 30 cm in length. The connection cable for the binary inputs can be extended to a maximum of 5 m.

Outputs:
- outputs can be configured as NO contacts or NC contacts
- Selection of preferred position for bus voltage failure and return
- Switch-on and/or switch-off delay or time-switch function can be set
- Outputs with 3 objects: Switching, response and additional function (linking, block function or forced setting)
- Response object can be inverted

Inputs:
- Free assignment of the functions switching, dimming, blind and value transmitter to both inputs
- Blocker for blocking individual inputs
- Behaviour when the bus voltage returns can be configured separately for each input
- Telegram rate limiting
- Switching function: Two independent switching objects for each input present and can be enabled individually, command for rising or falling edge can be set independently (ON, OFF, SW, no reaction)
- Dimming function: Single and double-surface operation, time between dimming and switching and dim-step size can be set, telegram repetition and stop-telegram transmission possible
- Blind function: Command can be set with rising edge (no function, UP, DOWN, CHANGE), operating concept can be configured (Step - Move - Step or Move - Step), time between step and moving mode can be set, slat adjustment time can be set
- Value transmitter and light scene auxiliary unit function: Edge (push button as NO contact, push button as NC contact, switch) and value with edge can be configured, value adjustment with push button by pressing and holding button for value transmitters possible, light scene auxiliary unit with memory function and saving of the scene without calling up previously is possible

	Order no.	Packing unit	PS

Switching contact:	Relay with 2 x zero-voltage closing contacts
Load capacity:	230 V AC/6 A
Connected load:	1200 W light bulbs 1200 W HV halogen 500 VA LV halogen, wound transformer 500 W LV halogen, Gira Tronic transformer 6 A, max. 14 µF capacitive load
Number of inputs:	2
Temperature range:	-5 °C to +45 °C
Protection type:	IP 20
Dimensions:	L x W x H 51 x 48 x 28 mm
Installation:	Electronics box Kaiser Order No. **1068-02** Kaiser Order No. **9062-94** (windproof) Kaiser Order No. **9062-74** (halogen-free)
VDE approval in accordance with:	EN 60669-1, EN 60669-2-1, EN 50428

Push rocker insert, 4-gang 0147 00 → Page 276.
KNX/EIB connection and branch terminal 0595 00 → Page 510.

	Order no.	Packing unit	PS



KNX/EIB
universal dimming actuator

50 – 210 W/VA

Flush-mounted	**1058 00**	1/5	06

Product family: Lighting
Product type: Dimmer

universal dimming actuator with two two binary inputs for installation in a flush-mounted wall box (electronics box from Kaiser recommended). Four zero-voltage contacts can be connected to the two binary inputs. The two inputs can carry out various functions or be blocked independently of each other in the process. The inputs are assigned to the dimming actuator at the factory, enabling operation without programming.
The connection to 230 V is made via a flexible cable with a length of approx. 20 cm. The connection of the binary inputs and the KNX is made via a 6-wire connection cable, approx. 30 cm in length. The connection cable for the binary inputs can be extended to a maximum of 5 m.

Dimming:
- Switching and dimming of lights
- Switch-on and dimming behaviour can be set with parameters
- Feedback of switching state and brightness value
- „Soft ON“, „Soft OFF“ and time dimmer are configurable
- Dimming or brightening of illumination level
- Time-delayed switch-off when a switch-off brightness is dropped below is possible
- Short-circuit message and message on a load failure possible
- Light scene operation possible
- Blocking operation can be activated with an object with a configurable brightness value at the start and end of a blocking phase
- Behaviour of the dimming actuator following bus voltage recovery adjustable

Inputs:
- Free assignment of the functions switching, dimming, blind and value transmitter to both inputs
- Blocker for blocking individual inputs
- Behaviour when the bus voltage returns can be configured separately for each input
- Telegram rate limiting
- Switching function: Two independent switching objects for each input present and can be enabled individually, command for rising or falling edge can be set independently (ON, OFF, SW, no reaction)
- Dimming function: Single and double-surface operation, time between dimming and switching and dim-step size can be set, telegram repetition and stop-telegram transmission possible
- Blind function: Command can be set with rising edge (no function, UP, DOWN, CHANGE), operating concept can be configured (Step – Move – Step or Move – Step), time between step and moving mode can be set, slat adjustment time can be set
- Value transmitter and light scene auxiliary unit function: Edge (push button as NO contact, push button as NC contact, switch) and value with edge can be configured, value adjustment with push button by pressing and holding button for value transmitters possible, light scene auxiliary unit with memory function and saving of the scene without calling up previously is possible

	Order no.	Packing unit	PS

Rated voltage:	230 V AC, 50/60 Hz
Connected load:	50 to 210 W ohmic load 50 to 210 W light bulbs 50 to 210 W HV halogen 50 to 210 W LV halogen, Gira Tronic transformer 50 to 210 VA LV halogen, wound transformer
Number of inputs:	2
Protection type:	IP 20
Dimensions:	L x W x H 51 x 48 x 28 mm
Installation:	Electronics box Kaiser Order No. **1068-02** Kaiser Order No. **9062-94** (windproof) Kaiser Order No. **9062-74** (halogen-free)
VDE approval in accordance with:	EN 60669-1, EN 60669-2-1, EN 50428

Tronic power booster 0380 00 → Page 289.
LV power booster 0364 00 → Page 290.
Push rocker insert, 4-gang 0147 00 → Page 276.
KNX/EIB connection and branch terminal 0595 00 → Page 510.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



KNX/EIB window actuator

Flush-mounted	**2164 00**	1	06

A window actuator is a combination of blind actuator and heating actuator. It has three binary inputs for the controlling of the connected blind, shutter, awning or ventilation flap in the state of delivery. The connection of the outputs is made via a flexible, approx. 20 cm long cable. The connection of the binary inputs and the KNX is made via a 6-wire connection cable, approx. 30 cm in length. The connection cable for the binary inputs can be extended to a maximum of 5 m. Installation is in a flush-mounted wall box (electronics box from Kaiser recommended).

Blind output:

- Operating mode can be configured: blinds, shutters, awnings or ventilation flaps.
- Separately parameterisable movement times with movement time extension for movements into the upper end position.
- Feedback of the curtain position or slat position. Active or passive (object can be read out) cyclical feedback functions.
- Assignments of up to 5 different safety functions (3 wind alarms, 1 rain alarm, 1 frost alarm), or with cyclical monitoring.
- Solar protection function with fixed and variable curtain or slat positions can be activated.
- Integration in complex shading systems, optionally with automatic heating/cooling and presence function.
- Behaviour after bus voltage failure and return can be set.
- Feedback can be delayed until after the return of bus voltage.
- Forced setting function can be realised for each blind output.
- Inclusion in scenes possible, maximum of 8 internal scenes can be parameterised per channel.
- Memory function for light scenes.

Heating output:

- output, can be controlled via a corrected variable (1 bit or 1 byte).
- Status feedback (1 bit or 1 byte) automatically or on read request.
- Valve control (open/closed while deenergised) can be configured.
- Summer or winter operation can be selected via an object.
- Cyclical monitoring of the corrected variable; if a corrected variable telegram remains off within a monitoring period, the output switches into the emergency mode and an alarm message is sent.
- Each output can be locked in a forced position (forced setting), and different values are possible for summer and winter operation.
- Behaviour when the bus voltage returns and fails can be parameterised separately for each output.
- Overload or short-circuit message can be set via an object.
- Control of valve drives in switching operation or PWM operation.
- Protective function against jammed valve.

Inputs:

- free assignment of the functions switching, dimming, blind and value transmitter to the inputs.
- Blocker for blocking individual inputs.
- Behaviour when the bus voltage returns can be configured separately for each input.
- Telegram rate limiting.
- Switching function: two independent switching objects for each input present and can be enabled individually, command for rising or falling edge can be set independently (ON, OFF, CHANGE, no reaction).
- Dimming function: single and double-surface operation, time between dimming and switching and dim-step size can be set, telegram repetition and stop-telegram transmission possible.
- Blind function: command can be set with rising edge (no function, UP, DOWN, CHANGE), operating concept can be configured (Step - Move - Step or Move - Step), time between short and long-term operation can be set, slat adjustment time can be set.
- Value transmitter and light scene auxiliary unit function: edge (push button as NO contact, push button as NC contact, switch) and value with edge can be configured, value adjustment with push button by pressing and holding button for value transmitters possible, light scene auxiliary unit with memory function and saving of the scene without previously calling up is possible.

	Order no.	Packing unit	PS

Rated voltage:	230 V AC, 50/60 Hz
Blind output:	Switching current 3 A / AC 1 Motors 600 VA
Heating output:	Switch contact Triac Rated current 5 to 25 mA max. 2 valve drives
Number of inputs:	3
Temperature range:	-5 °C to +45 °C
Protection type:	IP 20
Dimensions:	L x W x H 51 x 48 x 28 mm
Installation:	Electronics box Kaiser Order No. **1068-02** Kaiser Order No. **9062-94** (windproof) Kaiser Order No. **9062-74** (halogen-free)
VDE approval in accordance with:	EN 60669-1, EN 60669-2-1, EN 50428

Push rocker insert, 4-gang 0147 00 → Page 276.
Thermal valve drive 230 V 1122 00 → Page 509.

	Order no.	Packing unit	PS



KNX/EIB
blind actuator, 1-gang

Flush-mounted	**2165 00**	1	06

The blind actuator has three binary inputs for the controlling of the connected blind, shutter, awning or ventilation flap in the state of delivery. The connection of the outputs is made via a flexible, approx. 20 cm long cable. The connection of the binary inputs and the KNX is made via a 6-wire connection cable, approx. 30 cm in length. The connection cable for the binary inputs can be extended to a maximum of 5 m. Installation is in a flush-mounted wall box (electronics box from Kaiser recommended).

Blind output:

- Operating mode can be configured: blinds, shutters, awnings or ventilation flaps.
- Separately parameterisable movement times with movement time extension for movements into the upper end position.
- Feedback of the curtain position or slat position. Active or passive (object can be read out) cyclical feedback functions.
- Assignments of up to 5 different safety functions (3 wind alarms, 1 rain alarm, 1 frost alarm), or with cyclical monitoring.
- Solar protection function with fixed and variable curtain or slat positions can be activated.
- Integration in complex shading systems, optionally with automatic heating/cooling and presence function.
- Behaviour after bus voltage failure and return can be set.
- Feedback can be delayed until after the return of bus voltage.
- Forced setting function can be realised for each blind output.
- Inclusion in scenes possible, maximum of 8 internal scenes can be parameterised per channel.
- Memory function for light scenes.

Inputs:

- free assignment of the functions switching, dimming, blind and value transmitter to the inputs.
- Blocker for blocking individual inputs.
- Behaviour when the bus voltage returns can be configured separately for each input.
- Telegram rate limiting.
- Switching function: two independent switching objects for each input present and can be enabled individually, command for rising or falling edge can be set independently (ON, OFF, CHANGE, no reaction).
- Dimming function: single and double-surface operation, time between dimming and switching and dim-step size can be set, telegram repetition and stop-telegram transmission possible.
- Blind function: command can be set with rising edge (no function, UP, DOWN, CHANGE), operating concept can be configured (Step - Move - Step or Move - Step), time between short and long-term operation can be set, slat adjustment time can be set.
- Value transmitter and light scene auxiliary unit function: edge (push button as NO contact, push button as NC contact, switch) and value with edge can be configured, value adjustment with push button by pressing and holding button for value transmitters possible, light scene auxiliary unit with memory function and saving of the scene without previously calling up is possible.

	Order no.	Packing unit	PS

Rated voltage:	230 V AC, 50/60 Hz
Blind output:	Switching current 3 A / AC 1 Motors 600 VA
Number of inputs:	3
Temperature range:	-5 °C to +45 °C
Protection type:	IP 20
Dimensions:	L x W x H 51 x 48 x 28 mm
Installation:	Electronics box Kaiser Order No. **1068-02** Kaiser Order No. **9062-94** (windproof) Kaiser Order No. **9062-74** (halogen-free)
VDE approval in accordance with:	EN 60669-1, EN 60669-2-1, EN 50428

Push rocker insert, 4-gang 0147 00 → Page 276.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



KNX/EIB
Heating actuator, 1-gang

Flush-mounted	**2166 00**	1	06

Heating actuator with three binary inputs for control of electrothermic valve drives. The connection of the outputs is made via a flexible, approx. 20 cm long cable. The connection of the binary inputs and the KNX is made via a 6-wire connection cable, approx. 30 cm in length. The connection cable for the binary inputs can be extended to a maximum of 5 m. Installation is in a flush-mounted wall box (electronics box from Kaiser recommended).

Heating output:
- output, can be controlled via a corrected variable (1 bit or 1 byte).
- Status feedback (1 bit or 1 byte) automatically or on read request.
- Valve control (open/closed while deenergised) can be configured.
- Summer or winter operation can be selected via an object.
- Cyclical monitoring of the corrected variable; if a corrected variable telegram remains off within a monitoring period, the output switches into the emergency mode and an alarm message is sent.
- Each output can be locked in a forced position (forced setting), and different values are possible for summer and winter operation.
- Behaviour when the bus voltage returns and fails can be parameterised separately for each output.
- Overload or short-circuit message can be set via an object.
- Control of valve drives in switching operation or PWM operation.
- Protective function against jammed valve.

Inputs:
- free assignment of the functions switching, dimming, blind and value transmitter to the inputs.
- Blocker for blocking individual inputs.
- Behaviour when the bus voltage returns can be configured separately for each input.
- Telegram rate limiting.
- Switching function: two independent switching objects for each input present and can be enabled individually, command for rising or falling edge can be set independently (ON, OFF, CHANGE, no reaction).
- Dimming function: single and double-surface operation, time between dimming and switching and dim-step size can be set, telegram repetition and stop-telegram transmission possible.
- Blind function: command can be set with rising edge (no function, UP, DOWN, CHANGE), operating concept can be configured (Step - Move - Step or Move - Step), time between short and long-term operation can be set, slat adjustment time can be set.
- Value transmitter and light scene auxiliary unit function: edge (push button as NO contact, push button as NC contact, switch) and value with edge can be configured, value adjustment with push button by pressing and holding button for value transmitters possible, light scene auxiliary unit with memory function and saving of the scene without previously calling up is possible.

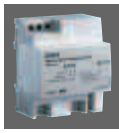
	Order no.	Packing unit	PS

Rated voltage:	230 V AC, 50/60 Hz
Heating output:	Switch contact Triac Rated current 5 to 25 mA max. 2 valve drives
Number of inputs:	3
Temperature range:	-5 °C to +45 °C
Protection type:	IP 20
Dimensions:	L x W x H 51 x 48 x 28 mm
Installation:	Electronics box Kaiser Order No. **1068-02** Kaiser Order No. **9062-94** (windproof) Kaiser Order No. **9062-74** (halogen-free)
VDE approval in accordance with:	EN 60669-1, EN 60669-2-1, EN 50428

Push rocker insert, 4-gang 0147 00 → Page 276.
Thermal valve drive 230 V 1122 00 → Page 509.

	Order no.	Packing unit	PS

DRA System Components



KNX/EIB
power supply
320 mA with integrated choke

DRA	**1086 00**	1	26

Product family: System devices
Product type: Power supply

The power supply 320 mA supplies the KNX system voltage. It has one non-choked and one choked output each. The non-choked output can be used for the supply of another line or for function devices (e.g. SmartSensor) which require an auxiliary voltage. Any desired load distribution (choked or unchoked) is possible, however the total nominal current of 320 mA may not be exceeded.
The outputs are equipped with a shared overload or short-circuit protection. Connection is made via KNX bus connection or branch terminals (no data rail required).
Recommendation: overvoltage protection for Gira KNX products. Overload diverter BUStector BT 24, manufacturer: DEHN + SÖHNE, Item No. 925001

Primary rated voltage:	AC 161 V to 264 V, 50/60 Hz DC 176 V to 270 V
Secondary rated voltage:	SELV 28 V to 31 V DC
Secondary rated current:	320 mA, short-circuit-proof
Connections:	KNX/EIB via connection and branch terminal **0595 00** load via screw terminals 0.2 to 4 mm^2 single-wire 2 x 0.2 to 2.5 mm^2 single-wire 0.75 to 4 mm^2 fine-wire without core jacket 0.5 to 2.5 mm^2 fine-wire with core jacket
Protection type:	IP 20
Dimensions:	DRA device, 4 depth modules
VDE approval in accordance with:	EN 61558-1, EN 61558-2-17

KNX/EIB connector, 4-gang 1154 00 → Page 485.
KNX/EIB choke 0581 00 → Page 485.
KNX/EIB connection and branch terminal 0595 00 → Page 510.

	Order no.	Packing unit	PS



KNX/EIB
power supply
640 mA with 2 integrated chokes

DRA	**1087 00**	1	26

Product family: System devices
Product type: Power supply

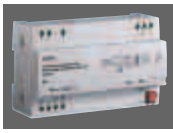
The KNX system voltage generates the power supply 640 mA. It has one non-choked and two choked outputs each. The non-choked output can be used for the supply of another line or for function devices (e.g. SmartSensor) which require an auxiliary voltage. Any desired load distribution (choked or unchoked) is possible, however the total nominal current of 640 mA may not be exceeded.
The outputs are equipped with a shared overload or short-circuit protection. Connection is made via KNX bus connection or branch terminals (no data rail required).
Recommendation: overvoltage protection for Gira KNX products. Overload diverter BUStector BT 24, manufacturer: DEHN + SÖHNE, Item No. 925001

Primary rated voltage:	AC 161 V to 264 V, 50/60 Hz DC 176 V to 270 V
Secondary rated voltage:	SELV 28 V to 31 V DC
Secondary rated current:	640 mA, short-circuit-proof
Connections:	KNX/EIB via connection and branch terminal **0595 00** load via screw terminals 0.2 to 4 mm^2 single-wire 2 x 0.2 to 2.5 mm^2 single-wire 0.75 to 4 mm^2 fine-wire without core jacket 0.5 to 2.5 mm^2 fine-wire with core jacket
Protection type:	IP 20
Dimensions:	DRA device, 7 depth modules
VDE approval in accordance with:	EN 61558-1, EN 61558-2-17

KNX/EIB connector, 4-gang 1154 00 → Page 485.
KNX/EIB choke 0581 00 → Page 485.
KNX/EIB connection and branch terminal 0595 00 → Page 510.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



KNX/EIB
power supply
640 mA uninterruptible

DRA	**1079 00**	1	26

Product family: System devices
Product type: Power supply
The uninterruptible power supply 640 mA provides the KNX system voltage. With integrated choke for de-coupling the bus line from the power supply.
With connections for a lead-gel rechargeable battery **1130 00** for buffering KNX voltage in case of a power failure. Up to two lead-gel accumulators can be connected and charged via the uninterruptible power supply. The charging voltage is controlled depending on the temperature using a temperature sensor.
The uninterruptible power supply has a zero-voltage 2-way switch for reporting a fault (e.g. mains failure, battery failure, overload or short circuit). Connection is made via KNX bus connection or branch terminals (no data rail required).
Recommendation: overvoltage protection for Gira KNX products. Overload diverter BUStector BT 24, manufacturer: DEHN + SÖHNE, Item No. 925001

Primary rated voltage:	230 V AC, 50/60 Hz
Secondary rated voltage:	SELV 28 V to 31 V DC
Secondary rated current:	640 mA, short-circuit-proof
2-way switch:	AC 230 V, 6 A DC 12/24 V, 4 A
Connections:	KNX/EIB via connection and branch terminal **0595 00** load via screw terminals 0.2 to 4 mm^2 single-wire 0.2 to 2.5 mm^2 fine-wire
Protection type:	IP 20
Dimensions:	DRA device, 8 depth module

Lead-gel rechargeable accumulator 12 Ah 1130 00 → Page 483.
Basic cable set 1128 00 → Page 483.
Expansion cable set 1129 00 → Page 483.
KNX/EIB connection and branch terminal 0595 00 → Page 510.



Lead-gel rechargeable accumulator
12 Ah

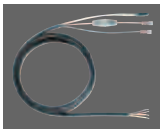
Rechargeable accumulator 12 V 12 Ah	**1130 00**	1	26

For buffering the KNX system voltage in combination with the power supply 640 mA uninterruptible **1079 00**. A maximum of two lead-gel batteries can be connected in parallel to the power supply.
When connecting one lead-gel rechargeable battery to the KNX power supply, the basic cable set **1128 00** must be used. When connecting two lead-gel batteries, the basic cable set is required for the one battery and the expansion cable set **1129 00** is required for the other battery.
Maintenance-free due to closed design as per EN 50014/VDE 0170/0171 Part 1/5.78.

Rated voltage:	12 V DC
Accumulator capacity:	12 Ah
Dimensions:	W x H x D 151 x 94 x 98 mm
Weight:	4.2 kg

KNX/EIB power supply 640 mA uninterruptible 1079 00 → Page 483.
Basic cable set 1128 00 → Page 483.
Expansion cable set 1129 00 → Page 483.

	Order no.	Packing unit	PS



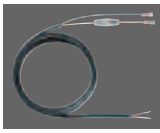
Basic cable set

	1128 00	1	26

Basic cable set for connecting one lead-gel rechargeable accumulator **1130 00** to the power supply 640 mA uninterruptible **1079 00**. A replaceable fuse and a temperature sensor for charging voltage control are integrated in the basic cable set.

Length:	2 m
fuse protection:	T 6.3 H 250 V

KNX/EIB power supply 640 mA uninterruptible 1079 00 → Page 483.
Lead-gel rechargeable accumulator 12 Ah 1130 00 → Page 483.



Expansion cable set

	1129 00	1	26

Expansion cable set for connecting a second lead-gel rechargeable accumulator **1130 00** to the power supply 640 mA uninterruptible **1079 00**. A replaceable fuse is integrated in the expansion cable set.

Length:	2 m
fuse protection:	T 6.3 H 250 V

KNX/EIB power supply 640 mA uninterruptible 1079 00 → Page 483.
Lead-gel rechargeable accumulator 12 Ah 1130 00 → Page 483.

	Order no.	Packing unit	PS



KNX/EIB area/line coupler line amplifier

DRA plus	**1023 00**	1	26

Product family: System devices
Product type: Line coupler

The area/line coupler connects two KNX lines to each other for data transfer and ensures an electrical isolation between these lines. As a result, each bus line of a EIB installation can be operated electrically independently of the other lines. A separate power supply is required for each line (area line, main line, line) or each line segment.

Area/line coupler:

- Use as an area or line coupler, depending on the allocation of the physical address and parameterisation
- Reduction of the bus load via filter function (filter table)
- Forwarding of group telegrams can be parameterised
- Repetition rate in the case of transfer errors
- Telegram confirmation can be parameterised

Additional functions from ETS 4.1.2:

- Support of the fully expanded group address area from 0 to 31 with the functions „block“, „forward unfiltered“ and „filter“ in both communication direction between the main and subline.
- „Forward unfiltered“ and „block“ functions can also be selected for physically addressed telegrams between main and subline in both communication directions (programming and tamper protection).
- „Repeat: yes/no“ function can be set separately in case of transfer errors on the main or subline for the telegram type „Broadcast“.
- Telegram confirmation on the main and subline possible separately for group telegrams and physically addressed telegrams with the settings „always“ and „for forwarding only“.
- For physically addressed telegrams, the setting „always reject NACK (Not-Acknowledge)“ can be selected (programming protection with feedback).

Line amplifier:

- Extension of lines to max. 4 line segments (max. 3 line amplifiers per line connected in parallel per line) each having up to 64 devices
- Repetition rate in the case of transfer errors

Connections:	KNX/EIB connection and branch terminal **0595 00** for higher and lower-level line (no data rail required)
Protection type:	IP 20
Dimensions:	DRA device, 2 depth module

KNX/EIB connection and branch terminal 0595 00 → Page 510.

	Order no.	Packing unit	PS



KNX/EIB IP interface

DRA plus	**2168 00**	1	26

Product family: System devices
Product type: IP interface

Connection to the data network is via RJ45 sockets. The device has two RJ45 I connections. This enables several IP routers/IP interfaces or other IP devices in the distribution to be connected without the aid of other active components. The IP interface enables the connection of a PC for the addressing, programming and diagnosis of KNX components. Configuration and start-up from ETS3.0f.

- Supply via external 24 V DC

Operating voltage:	DC 24 to 30 V
IP communication:	Ethernet 10/100 BaseT (10/100 Mbit/s)
Supported protocols:	ARP, ICMP, IGMP, DHCP, AutoIP, UDP/IP (Core, Tunneling, Device Management)
Connections:	RJ45 socket for IP connection KNX/EIB connection and branch terminal **0595 00**
Protection type:	IP 20
Dimensions:	DRA device, 2 depth module

Additional power supply 1296 00 → Page 375.
KNX/EIB power supply 320 mA 1086 00 → Page 482.
KNX/EIB connection and branch terminal 0595 00 → Page 510.



KNX/EIB IP router

DRA plus	**2167 00**	1	26

Product family: System devices
Product type: IP router

The IP router interconnects KNX lines via data networks using the Internet Protocol (IP). Connection to the data network is via RJ45 sockets. The device has two RJ45 I connections. This enables several IP routers or other IP devices in the distribution to be connected without the aid of other active components. The IP router uses the KNXnet/IP standard so that KNX telegrams are forwarded between lines via the IP network. This enables the establishment of communication among buildings and estates (networking of estates). The IP router enables programming via a data network.
The IP router serves the Gira HomeServer/FacilityServer as a coupler to a KNX system.
Configuration and start-up from ETS3.0f.

- Connection of KNX lines via LAN data networks using the Internet Protocol
- Filtering and forwarding of telegrams
- Use as line/area coupler
- Use as KNX clock
- Recording of KNX telegrams on microSD card
- Supply via external 24 V DC

Operating voltage:	DC 24 to 30 V
IP communication:	Ethernet 10/100 BaseT (10/100 Mbit/s)
Supported protocols:	ARP, ICMP, IGMP, DHCP, AutoIP, UDP/IP (Core, Routing, Tunneling, Device Management)
microSD card:	to 32 GB (not included in scope of supply)
Connections:	RJ45 socket for IP connection KNX/EIB connection and branch terminal **0595 00**
Protection type:	IP 20
Dimensions:	DRA device, 2 depth module

Additional power supply 1296 00 → Page 375.
KNX/EIB power supply 320 mA 1086 00 → Page 482.
KNX/EIB connection and branch terminal 0595 00 → Page 510.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



KNX/EIB
choke

DRA	**0581 00**	1	26

Product family: System devices
Product type: Choke
Choke to decouple a KNX line from the respective KNX power supply.
- Data rail contacts
- Bus connection terminals for unchoked voltage and bus line

Protection type: IP 20
Dimensions: DRA device, 2 depth module

KNX/EIB power supply 320 mA 1086 00 → Page 482.
KNX/EIB power supply 640 mA 1087 00 → Page 482.



RS 232 connection line

Length 2 m	**0906 00**	1	09

For connecting the Gira KNX system to the PC.
Connection between the data interface and the PC.
9-pole D-Sub flat. 1 : 1 connection.
Data-interface met tekstkader
0558 .. → Page 444.



KNX/EIB
USB data interface

DRA	**1080 00**	1	26

Product family: System devices
Product type: Interface
USB data interface with integrated bus coupler. It enables the connection of a PC for the addressing, programming and diagnosis of KNX components. The data interface is supported by **ETS3** or the **ETS Starter**.
Connections: KNX/EIB via connection and branch terminal **0595 00**
USB pin jack,type B
transfer protocol: compatible with USB 1.1/2.0
Temperature range: -5 °C to +45 °C
Protection type: IP 20
Dimensions: DRA device, 2 depth module

KNX/EIB connection and branch terminal 0595 00 → Page 510.
USB connection cable 0903 00 → Page 485.



USB connection cable

	0903 00	1	06

USB connection cable for connecting the USB data interface flush-mounted or DRA to the PC. Plug type A-B.
Connection line: 3 m

USB data interface UP 1070 00 → Page 475.
USB data interface DRA 1080 00 → Page 485.

	Order no.	Packing unit	PS



KNX/EIB
data-rail cover plate

	0590 00	5	26

Discontinued item. **Available until December 2014.**
Product family: System accessory
Product type: Cover strip
The data-rail cover plate is plugged onto the cap profile rail if the data rail is not completely covered by the serial installation devices. This is an absolute requirement for the maintenance of the protection type safety extra low voltage.
Length: 243 mm (approx.14 modules)



KNX/EIB
data rail with connector, 4-gang

DRA	**1154 00**	1	26

Discontinued item. **Available until December 2014.**
Self-adhesive data rail for gluing into the 35 x 7.5 mm cap profile rail designed in accordance with EN 50 022. With integrated 4-gang connector. For tapping the KNX telegrams located on the data rail and/or the bus voltage on the external conductive tracks of the data rails. Fits under distributor cover plate.
Connections: 2 x 2 connection and branch terminal **0595 00**
Protection type: IP 20
Dimensions: DRA device, 1 depth module
214 mm data rail (approx.12 depth modules)

KNX/EIB power supply 320 mA 1086 00 → Page 482.
KNX/EIB power supply 640 mA 1087 00 → Page 482.
KNX/EIB connection and branch terminal 0595 00 → Page 510.

	Order no.	Packing unit	PS

DRA Sensors



KNX/EIB
binary input, 4-gang 230 V~

DRA plus	**1067 00**	1	26

Product family: Input
Product type: Binary input, 4-gang

4-gang DRA binary input for the connection of 230 V contacts. The switching processes of 230 V contacts (e.g. observers/buttons) are converted to KNX telegrams. The 4 inputs can be assigned various functions or blocked independently of each other in the process. Up to 4 different RCD circuits are possible. Signal display possible via 4 yellow status LEDs.
Multi-phase connection.
Properties which can be adjusted with software:

- Free assignment of the functions for switching, dimming, blind and value transmitter to inputs 1 through 4 or pulse counters and switching counters to inputs 1 and 2
- Blocker for blocking individual inputs
- Behaviour when the bus voltage returns can be configured separately for each input
- Telegram rate limiting
- Switching function: two independent switching objects are available for each input and can be released individually, command for leading and trailing edge can be set independently (ON, OFF, CHANGE, no reaction), cyclical transmission of the switching objects depending on the edge or depending on the object value can be selected
- Dimming function: single and double-surface operation, time between dimming and switching and dim-step size can be set, telegram repetition and stop-telegram transmission possible
- Blind function: command can be set with rising edge (no function, UP, DOWN, CHANGE), operating concept can be configured (Step - Move - Step or Move - Step), time between short and long-term operation can be set, slat adjustment time can be set
- Value transmitter and light scene auxiliary unit function: edge (push button as NO contact, push button as NC contact, switch) and value with edge can be configured, value adjustment with push button by pressing and holding button for value transmitters possible, light scene auxiliary unit with memory function and saving of the scene without previously calling up is possible
- Temperature value transmitter and brightness value transmitter function: edge and value configurable, value adjustment with push button by pressing and holding button possible
- Pulse counter function: edge for pulse counting and interval time for counter status transfer can be configured, edge of the synchronisation signal for resetting the counter status and switching telegram when synchronisation signal arrives can be set
- Function of switching counter: edge for counting the signals at the input and maximum counter reading selectable, increment for the counter reading output and telegram when the maximum counter reading is reached can be parameterised

Signal voltage:	AC 0 V to 70 V for “0“ signal AC 90 V to 253 V for “1“ signal
Number of inputs:	4
Input line:	max. 100 m
Connections:	KNX/EIB via connection and branch terminal **0595 00** Screw terminals 0.75 to 4 mm^2
Protection type:	IP 20
Dimensions:	DRA device, 2 depth module
VDE approval in accordance with:	EN 60669-1, EN 60669-2-1, EN 50428

KNX/EIB connection and branch terminal 0595 00 → Page 510.



KNX/EIB
binary input, 6-gang 24 V

DRA plus	**1068 00**	1	26

Product family: Input
Product type: Binary input, 6-gang

6-gang DRA binary input for the connection of 24 V AC/DC contacts. The switching processes of 24 V contacts (e.g. buttons) are converted to KNX telegrams. The 6 inputs can be assigned various functions or blocked independently of each other in the process. Signal display possible via 6 yellow status LEDs.
Properties which can be adjusted with software:

- Free assignment of the functions for switching, dimming, blind and value transmitter to inputs 1 through 6 or pulse counters and switching counters to inputs 1 and 2
- Blocker for blocking individual inputs
- Behaviour when the bus voltage returns can be configured separately for each input
- Telegram rate limiting
- Switching function: two independent switching objects are available for each input and can be released individually, command for leading and trailing edge can be set independently (ON, OFF, CHANGE, no reaction), cyclical transmission of the switching objects depending on the edge or depending on the object value can be selected
- Dimming function: single and double-surface operation, time between dimming and switching and dim-step size can be set, telegram repetition and stop-telegram transmission possible
- Blind function: command can be set with rising edge (no function, UP, DOWN, CHANGE), operating concept can be configured (Step - Move - Step or Move - Step), time between short and long-term operation can be set, slat adjustment time can be set
- Value transmitter and light scene auxiliary unit function: edge (push button as NO contact, push button as NC contact, switch) and value with edge can be configured, value adjustment with push button by pressing and holding button for value transmitters possible, light scene auxiliary unit with memory function and saving of the scene without previously calling up is possible
- Temperature value transmitter and brightness value transmitter function: edge and value configurable, value adjustment with push button by pressing and holding button possible
- Pulse counter function: edge for pulse counting and interval time for counter status transfer can be configured, edge of the synchronisation signal for resetting the counter status and switching telegram when synchronisation signal arrives can be set
- Function of switching counter: edge for counting the signals at the input and maximum counter reading selectable, increment for the counter reading output and telegram when the maximum counter reading is reached can be parameterised

Signal voltage:	AC 0 V to 1.8 V for “0“ signal AC 8 V to 42 V for “1“ signal DC -42 V to +1.8 V for “0“ signal DC +8 V to +42 V for “1“ signal
Number of inputs:	6
Input line:	max. 100 m
Connections:	KNX/EIB via connection and branch terminal **0595 00** Screw terminals 0.2 to 4 mm^2
Protection type:	IP 20
Dimensions:	DRA device, 2 depth module

KNX/EIB connection and branch terminal 0595 00 → Page 510.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



KNX/EIB
binary input, 8-gang 230 V~

DRA plus	**1069 00**	1	26

Product family: Input
Product type: Binary input, 8-gang

8-gang DRA binary input for the connection of 230 V contacts. The switching processes of 230 V contacts (e.g. observers/buttons) are converted to KNX telegrams. The 8 inputs can be assigned various functions or blocked independently of each other in the process. Up to 8 different RCD circuits are possible. Signal display possible via 8 yellow status LEDs.
Multi-phase connection.
Properties which can be adjusted with software:

- Free assignment of the functions for switching, dimming, blind and value transmitter to inputs 1 through 8 or pulse counters and switching counters to inputs 1 and 2
- Blocker for blocking individual inputs
- Behaviour when the bus voltage returns can be configured separately for each input
- Telegram rate limiting
- Switching function: two independent switching objects are available for each input and can be released individually, command for leading and trailing edge can be set independently (ON, OFF, CHANGE, no reaction), cyclical transmission of the switching objects depending on the edge or depending on the object value can be selected
- Dimming function: single and double-surface operation, time between dimming and switching and dim-step size can be set, telegram repetition and stop-telegram transmission possible
- Blind function: command can be set with rising edge (no function, UP, DOWN, CHANGE), operating concept can be configured (Step - Move - Step or Move - Step), time between short and long-term operation can be set, slat adjustment time can be set
- Value transmitter and light scene auxiliary unit function: edge (push button as NO contact, push button as NC contact, switch) and value with edge can be configured, value adjustment with push button by pressing and holding button for value transmitters possible, light scene auxiliary unit with memory function and saving of the scene without previously calling up is possible
- Temperature value transmitter and brightness value transmitter function: edge and value configurable, value adjustment with push button by pressing and holding button possible
- Pulse counter function: edge for pulse counting and interval time for counter status transfer can be configured, edge of the synchronisation signal for resetting the counter status and switching telegram when synchronisation signal arrives can be set
- Function of switching counter: edge for counting the signals at the input and maximum counter reading selectable, increment for the counter reading output and telegram when the maximum counter reading is reached can be parameterised

Signal voltage:	AC 0 V to 70 V for “0“ signal AC 90 V to 253 V for “1“ signal
Number of inputs:	8
Input line:	max. 100 m
Connections:	KNX/EIB via connection and branch terminal **0595 00** Screw terminals 0.75 to 4 mm^2
Protection type:	IP 20
Dimensions:	DRA device, 4 depth modules
VDE approval in accordance with:	EN 60669-1, EN 60669-2-1, EN 50428

KNX/EIB connection and branch terminal 0595 00 → Page 510.

	Order no.	Packing unit	PS



KNX/EIB
analogue sensor interface, 4-gang

DRA	**1021 00**	1	26

Product family: Input
Product type: Analogue input, 4-gang

The 4-gang KNX/EIB analogue sensor interface is used for registering and forwarding four analogue sensor signals. The analogue sensor interface requires the power supply **1024 00** for supply.
The following signals can be evaluated (can be set for each input with software):

Current signals:	0 – 20 mA 4 – 20 mA (with line-break monitoring)
Voltage signals:	0 – 1 V 0 – 10 V

Features which can be set via software:

- Each channel can be separately parameterised to the relevant input signal
- Behaviour after initialisation can be set
- Transmission criterion of the measurement value can be set
- Limit value/hysteresis and signal at limit value can be chosen for each channel

Number of inputs:	4
Ambient temperature:	-5 °C to +45 °C
Protection type:	IP 20
Dimensions:	DRA device, 4 depth modules

Power supply 1024 00 → Page 487.
Dimming sensor 0 – 10 V 0572 00 → Page 572.
Brightness sensor 0 – 10 V 0576 00 → Page 572.
Temperature sensor 0 – 10 V 0577 00 → Page 572.
Rain sensor 0/10 V 0579 00 → Page 574.
Wind sensor 0 – 10 V with heating mechanism 0580 00 → Page 573.
KNX/EIB connection and branch terminal 0595 00 → Page 510.



Power supply

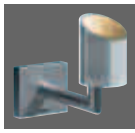
DRA	**1024 00**	1	26

Power supply for the weather station and the in-built heating of the wind sensor 0 – 10 V, rain sensor 0/10 V etc.

Power supply:	AC 230 V 50/60 Hz
Output voltage:	AC 24 V
Rated current:	1 A
Connections:	Screw terminals 0.5 to 4 mm^2 single-wire
Temperature range:	-5 °C to +45 °C
Dimensions:	DRA device, 4 depth modules

KNX/EIB weather station Comfort 1010 00 → Page 488.
KNX/EIB analogue sensor interface 1021 00 → Page 487.
Wind sensor 0 – 10 V with heating mechanism 0580 00 → Page 573.
Rain sensor 0/10 V 0579 00 → Page 574.

	Order no.	Packing unit	PS



KNX/EIB weather station Standard

	2150 04	1	06

Product family: Physical sensors
Product type: Weather station

The weather station Standard is used to measure and evaluate weather data (wind speed, precipitation, twilight, temperature and brightness). It is installed in the outdoor area of buildings, preferably in the roof area. The weather station requires an additional power supply, e.g. power supplies **2570 00** or **1024 00**.

- Temperature sensor for measuring the outside temperature (direct ingress of sunshine may influence temperature measurement).
- Wind sensor (thermal) for determining the wind speed.
- Twilight sensor for measuring the brightness in the twilight range.
- Three brightness sensors offset by 90° determine the brightness in daylight and sunshine, direction-dependent.
- Rain sensor for detecting precipitation.
- Two limits with an adjustable hysteresis per sensor (except rain sensor) can be parameterised.
- A teach-in function enables the application of a current measured value as a limit. This can, for example, be triggered by pressing an external button.
- All limit objects have a parameterisable switch-on and switch-off delay.
- 6 logic gates (AND, AND with return, OR, Exclusive OR, NAND, NOR) with up to 4 inputs for external and internal 1 bit values.
- 4 blocking elements for blocking functions or manual operation.
- Cyclical transmission in case of a value change.

Power supply:	AC/DC 24 V SELV
Power consumption:	7 W
Temperature range:	-20 °C to +55 °C
Wind speed:	0 to 40 m/s
Brightness:	1,000 to 110,000 lux
Twilight:	0 to 674 lux
Precipitation:	Yes/No (binary)
Protection type:	IP 44

Power supply 1024 00 → Page 487.
Power supply 2570 00 → Page 375.
Master attachment 0848 00 → Page 327.

	Order no.	Packing unit	PS



KNX/EIB weather station Comfort

DRA	**1010 00**	1	26

Product family: Input
Product type: Analogue input, 4-gang

The weather station is used for registering and forwarding climatic data and events. Up to four freely combinable analogue measurement-value receivers and a combination sensor **1025 00** can be connected. Two internal limit values can be defined per measurement-value receiver, and when these are exceeded/fallen short of, configurable actions run.
The weather station requires the power supply **1024 00** for supply.
The following signals can be evaluated (can be set for each input with software):

Current signals:	0 – 20 mA
	4 – 20 mA (with line-break monitoring)
Voltage signals:	0 – 1 V
	0 – 10 V

- Evaluation of the DCF77 signal from the combination sensor **1025 00**
- "Astro" function for determining the position of the sun (azimuth and elevation) for sun-position-dependant blind and shutter control, especially the control of the slat angle of blinds (DCF77 signal required).
- Linking controller (logic) for more flexible planning of the (limit dependant) actions (also usable externally), e.g. shading individual facade segments possible.
- User can make changes to the limit value objects, e.g. via SmartSensor, info display 2, info terminal or other signal transmitters.
- Cyclical monitoring of the combination sensor.
- On failure of communication with the combination sensor, protective measures can be introduced, e.g. raising the blinds.
- Selective shading of the facade (max. 4 facades) with setting of the basic brightness, orientation of facade, the aperture angle to the sun (pre-configured).
- Objects for basic brightness and aperture angle are present. Changes of the objects through external value transmitters possible, e.g. SmartSensor, info display 2, info terminal etc.
- Programming of the weather station via a plug-in for ETS 2 from version 1.2a and higher.

Number of inputs:	4
Ambient temperature:	-5 °C to +45 °C
Protection type:	IP 20
Dimensions:	DRA device, 4 depth modules

Power supply 1024 00 → Page 487.
Combination sensor with DCF77 receiver 1025 00 → Page 489.
Dimming sensor 0 – 10 V 0572 00 → Page 572.
Brightness sensor 0 – 10 V 0576 00 → Page 572.
Temperature sensor 0 – 10 V 0577 00 → Page 572.
Rain sensor 0/10 V 0579 00 → Page 574.
Wind sensor 0 – 10 V with heating mechanism 0580 00 → Page 573.
KNX/EIB connection and branch terminal 0595 00 → Page 510.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Combination sensor with DCF77 receiver

	1025 00	1	26

Combination sensor with DCF77 receiver for connection to the auxiliary input of the KNX/EIB weather station Comfort **1010 00**. 6 sensors are combined in the combination sensor which are required for controlling and monitoring building and home technology, e.g. awnings, blind or winter gardens.

- Integrated DCF77 receiver with a 45° rotating antenna for receiving date and time.
- Measurement of wind speed in a range of 0.5 – 40 m/s.
- Detection of precipitation (dry/wet) occurs using the reflection process.
- The brightness is registered via three independent brightness sensors arranged in 90° segments (east, south, west).
- Connection/line-break monitoring via the KNX/EIB weather station.
- The combination sensor is supplied complete with a 10 m connection cable.

Wind-speed measuring range:	1 to 40 m/s (max. 144 km/h)
Precipitation measuring range:	Precipitation yes/no
Brightness measuring range:	0 to 110 k lux
Twilight measuring range:	0 to 674 lux

KNX/EIB weather station Comfort 1010 00 → Page 488.

	Order no.	Packing unit	PS

DRA Actuators



KNX/EIB
switching actuator, 2-gang 16 A
with manual activation

DRA plus	**1040 00**	1	26

Product family: Output
Product type: Binary output, 2-gang

2-gang DRA switching actuator with integrated bus coupler. For switching two independently controllable groups of loads. Installation on DIN top-hat rail. With manual switch for switching over the relay (On/Off) parallel or without KNX operation. No additional power supply. The ETS3.0d (or higher) is recommended for configuring and starting up the device. Multi-phase connection.

Functions:

- Independent switching of the 2 outputs.
- Manual activation of the relay independent of the bus/switching position display.
- NO contact or NC contact operation.
- Central switching function.
- Group feedback for reduction of bus load.
- Active or passive (object can be read out) cyclical feedback function.
- Feedback can be delayed until after the return of bus voltage.
- Logical linking function for each channel.
- Block function can be parameterised for each channel. As an alternative, forced setting function for each output.
- Time functions (switch-on, switch-off delay, staircase light function - also with advance warning function).
- Inclusion in light scenes possible, maximum of 8 internal scenes can be parameterised per channel.
- Memory function for light scenes.
- Elapsed-hours meter as forward/backward counter with limit function (limit can be changed via bus) can be activated for each output.
- Input monitoring for cyclical updating with safety setting.
- Reactions in case of bus voltage failure and restoration can be set for each channel following an ETS programming process.

Switching contact:	Relay with 2 x zero-voltage closing contacts
Loading capacity AC 230 V:	16 A / AC 1 or 10 A / AC 3
Loading capacity AC 400 V:	10 A/AC 1 or 6 A/AC 3
DC switching capacity:	16 A/24 V
Max. switch-on current:	400 A, 150 µs 200 A, 600 µs
Connected load:	3600 W ohmic load 16 A, max. 140 µF capacitive load AC 230 V 2500 W light bulbs 2500 W HV halogen 1200 VA LV halogen, wound transformer 1500 W LV halogen, Gira Tronic transformer 2500 VA fluorescent lamps, not compensated 2300 VA fluorescent lamps duo-circuit 1300 VA fluorescent lamps, parallel-compensated 2000 W mercury-vapour lamps, uncompensated 2000 W mercury-vapour lamps, parallel compensated
Connections:	KNX/EIB via connection and branch terminal **0595 00** load via screw terminals 0.2 to 4 mm^2 single-wire 2 x 0.2 to 2.5 mm^2 single-wire 0.75 to 4 mm^2 fine-wire without core jacket 0.5 to 2.5 mm^2 fine-wire with core jacket
Dimensions:	DRA device, 4 depth modules
VDE approval in accordance with:	EN 60669-1, EN 60669-2-1, EN 50428

KNX/EIB connection and branch terminal 0595 00 → Page 510.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



KNX/EIB
switching actuator, 4-gang 16 A with manual activation

DRA plus	**1004 00**	1	26

Product family: Output
Product type: Binary output, 4-gang

4-gang DRA switching actuator with integrated bus coupler. For switching four independently controllable groups of loads. Installation on DIN top-hat rail. With manual switch for switching over the relay (On/Off) parallel or without KNX operation. No additional power supply. The ETS3.0d (or higher) is recommended for configuring and starting up the device. Multi-phase connection.

Functions:

- Independent switching of the 4 outputs.
- Manual activation of the relay independent of the bus/switching position display.
- NO contact or NC contact operation.
- Central switching function.
- Group feedback for reduction of bus load.
- Active or passive (object can be read out) cyclical feedback function.
- Feedback can be delayed until after the return of bus voltage.
- Logical linking function for each channel.
- Block function can be parameterised for each channel. As an alternative, forced setting function for each output.
- Time functions (switch-on, switch-off delay, staircase light function - also with advance warning function).
- Inclusion in light scenes possible, maximum of 8 internal scenes can be parameterised per channel.
- Memory function for light scenes.
- Elapsed-hours meter as forward/backward counter with limit function (limit can be changed via bus) can be activated for each output.
- Input monitoring for cyclical updating with safety setting.
- Reactions in case of bus voltage failure and restoration can be set for each channel following an ETS programming process.

	Order no.	Packing unit	PS

Switching contact:	Relay with 4 x zero-voltage closing contacts
Loading capacity AC 230 V:	16 A / AC 1 or 10 A / AC 3
Loading capacity AC 400 V:	10 A/AC 1 or 6 A/AC 3
DC switching capacity:	16 A/24 V
Max. switch-on current:	400 A, 150 µs 200 A, 600 µs
Connected load:	3600 W ohmic load 16 A, max. 140 µF capacitive load AC 230 V 2500 W light bulbs 2500 W HV halogen 1200 VA LV halogen, wound transformer 1500 W LV halogen, Gira Tronic transformer 2500 VA fluorescent lamps, not compensated 2300 VA fluorescent lamps duo-circuit 1300 VA fluorescent lamps, parallel-compensated 2000 W mercury-vapour lamps, uncompensated 2000 W mercury-vapour lamps, parallel compensated
Connections:	KNX/EIB via connection and branch terminal **0595 00** load via screw terminals 0.2 to 4 mm^2 single-wire 2 x 0.2 to 2.5 mm^2 single-wire 0.75 to 4 mm^2 fine-wire without core jacket 0.5 to 2.5 mm^2 fine-wire with core jacket
Dimensions:	DRA device, 4 depth modules
VDE approval in accordance with:	EN 60669-1, EN 60669-2-1, EN 50428

KNX/EIB connection and branch terminal 0595 00 → Page 510.

	Order no.	Packing unit	PS



KNX/EIB
switching actuator, 4-gang 16 A with manual activation and current measurement for C loads

DRA plus	**1045 00**	1	26

Product family: Output
Product type: Binary output, 4-gang

4-gang DRA switching actuator with integrated bus coupler. For switching four independently controllable groups of loads. The switching contacts of the switching actuator, 4-gang, C-load are especially designed for loads with a capacitive character, and therefore conditional, brief, high switch-on currents (see Technical Data). The switching actuator has an integrated current detection. A current measurement can be carried out for each channel. Installation on DIN top-hat rail. With manual switch for switching over the relay (On/Off) parallel or without KNX operation. No additional power supply. The ETS3.0d (or higher) is recommended for configuring and starting up the device. Multi-phase connection. Functions:

- Independent switching of the 4 outputs.
- Manual activation of the relay independent of the bus/switching position display.
- NO contact or NC contact operation.
- Central switching function.
- Group feedback for reduction of bus load.
- Active or passive (object can be read out) cyclical feedback function.
- Feedback can be delayed until after the return of bus voltage.
- Logical linking function for each output.
- Block function can be parameterised for each channel. As an alternative, forced setting function for each output.
- Time functions (switch-on, switch-off delay, staircase light function - also with advance warning function).
- Inclusion in light scenes possible, maximum of 8 internal scenes can be parameterised per channel.
- Memory function for light scenes.
- Elapsed-hours meter as forward/backward counter with limit function (limit can be changed via bus) can be activated for each output.
- Input monitoring for cyclical updating with safety setting.
- Reactions in case of bus voltage failure and restoration can be set for each channel following an ETS programming process.
- Current detection: Measurement of load current for each channel.
- Threshold values for load monitoring (e.g. signalling of load failure).

	Order no.	Packing unit	PS

Switching contact:	Relay with 4 x zero-voltage closing contacts
Loading capacity AC 230 V:	16 A/AC 1 or 16 A/AC 3
Loading capacity AC 400 V:	10 A/AC 1 or 10 A/AC 3
DC switching capacity:	16 A/24 V
Max. switch-on current:	600 A, 150 µs 300 A, 600 µs
Connected load:	3680 W ohmic load 16 A, max. 200 µF capacitive load AC 230 V 3680 W light bulbs 3680 W HV halogen 2000 VA LV halogen, wound transformer 2500 W LV halogen, Gira Tronic transformer 3680 VA fluorescent lamps, not compensated 3680 VA fluorescent lamps duo-circuit 2500 VA fluorescent lamps, parallel-compensated 3680 W mercury-vapour lamps, uncompensated 3680 W mercury-vapour lamps, parallel compensated
Current detection:	0.25 to 16 A sine 50/60 Hz
Connections:	KNX/EIB via connection and branch terminal **0595 00** load via screw terminals 0.2 to 4 mm^2 single-wire 2 x 0.2 to 2.5 mm^2 single-wire 0.75 to 4 mm^2 fine-wire without core jacket 0.5 to 2.5 mm^2 fine-wire with core jacket
Dimensions:	DRA device, 4 depth modules
VDE approval in accordance with:	EN 60669-1, EN 60669-2-1, EN 50428

KNX/EIB connection and branch terminal 0595 00 → Page 510.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



KNX/EIB
switching actuator, 6-gang
6 A

DRA plus	**1008 00**	1	26

Product family: Output
Product type: Binary output, 6-gang
6-gang DRA switching actuator with integrated bus coupler.
For switching six independently controllable groups of loads.
Installation on DIN cap rail. Multi-phase connection.
Features which can be set via software:
- outputs can be configured as NO contacts or NC contacts
- Selection of preferred position for bus voltage failure and return
- switch-on and/or switch-off delay or time-switch function for each channel can be set separately
- 6 outputs can be assigned 2 objects i.e. switching and response
- In addition, 4 outputs can be assigned an additional function: linking, block function or forced setting
- Response object can be inverted

Switching contact:	Relay with 6 x zero-voltage closing contacts
Load capacity:	230 V AC/6 A Multi-phase connection
Connected load:	1200 W light bulbs 1200 W HV halogen 500 VA LV halogen, wound transformer 500 W LV halogen, Gira Tronic transformer 500 VA fluorescent lamps, uncompensated (cos φ = 0.5) 1000 VA fluorescent lamps, dual switching
Connections:	KNX/EIB via connection and branch terminal **0595 00** load via screw terminals 0.5 to 4 mm^2 single-wire 0.34 to 4 mm^2 fine-wire without core jacket 0.14 to 2.5 mm^2 fine-wire with core jacket
Protection type:	IP 20
Dimensions:	DRA device, 4 depth modules
VDE approval in accordance with:	EN 60669-1, EN 60669-2-1, EN 50428

KNX/EIB connection and branch terminal 0595 00 → Page 510.

	Order no.	Packing unit	PS



KNX/EIB
heating actuator, 6-gang
0.05 A

DRA plus	**1018 00**	1	26

Product family: Output
Product type: Binary output, 6-gang
6-gang DRA heating actuator with integrated bus coupler.
For controlling electrothermic valve drives for heating systems. The heating actuator is equipped with 6 electronic outputs which can control valve drives in dependence on KNX telegrams. In the process, up to 4 electrothermic valve drives can be connected per output.
Installation on DIN top-hat rail.
The outputs can be controlled either with switching or with pulse-width modulation (PWM). Separate overload and short-circuit detection for each output.
The function of the actuator can also be tested without bus voltage. In the unprogrammed state, pulse width modulation with a corrected variable of 50 % and a cycle time of 15 minutes are already stored in the actuator.
Properties which can be adjusted with software:
- 6 independent outputs, each controllable with a corrected variable (1 bit or 1 byte)
- Status feedback (1 bit or 1 byte) per output automatically or on read request
- Valve control (open/closed while deenergised) can be configured for each output
- Summer or winter operation can be selected via an object
- Cyclical monitoring of the corrected variable of each output; if a corrected variable telegram remains off within a monitoring period, the affected output switches into the emergency mode and an alarm message is sent
- Each output can be locked in a forced position, and different values are possible for summer and winter operation
- Behaviour when the bus voltage returns and fails can be parameterised separately for each output
- Overload or short-circuit message via an object can be set separately for each output
- Mains failure message via an object
- Group message when all valves are closed
- Object for feedback of largest 1 byte corrected variable of an output stored in the actuator

Switching contact:	6 x Triac
Rated voltage:	230 V AC, 50/60 Hz
Switch-on current:	max. 1.5 A
Rated current:	0.05 A ohmic load
Connections:	KNX/EIB via connection and branch terminal **0595 00** load via screw terminals 0.2 to 4 mm^2 single-wire 2 x 0.2 to 2.5 mm^2 single-wire 0.75 to 4 mm^2 fine-wire without core jacket 0.5 to 2.5 mm^2 fine-wire with core jacket
Operating temperature:	-5 °C to +45 °C
Protection type:	IP 20
Dimensions:	DRA device, 4 depth modules
VDE approval in accordance with:	EN 60669-1, EN 60669-2-1, EN 50428

Thermal valve drive 230 V 1122 00 → Page 509.
KNX/EIB connection and branch terminal 0595 00 → Page 510.

	Order no.	Packing unit	PS



KNX/EIB
switching actuator, 8-gang 16 A
with manual activation

DRA plus	**1006 00**	1	26

Product family: Output
Product type: Binary output, 8-gang

8-gang DRA switching actuator with integrated bus coupler. For switching eight independently controllable groups of loads. Installation on DIN top-hat rail. With manual switch for switching over the relay (On/Off) parallel or without KNX operation. No additional power supply. The ETS3.0d (or higher) is recommended for configuring and starting up the device. Multi-phase connection.
Functions:

- Independent switching of the 8 outputs.
- Manual activation of the relay independent of the bus/switching position display.
- NO contact or NC contact operation.
- Central switching function.
- Group feedback for reduction of bus load.
- Active or passive (object can be read out) cyclical feedback function.
- Feedback can be delayed until after the return of bus voltage.
- Logical linking function for each output.
- Block function can be parameterised for each channel. As an alternative, forced setting function for each output.
- Time functions (switch-on, switch-off delay, staircase light function - also with advance warning function).
- Inclusion in light scenes possible, maximum of 8 internal scenes can be parameterised per channel.
- Memory function for light scenes.
- Elapsed-hours meter as forward/backward counter with limit function (limit can be changed via bus) can be activated for each output.
- Input monitoring for cyclical updating with safety setting.
- Reactions in case of bus voltage failure and restoration can be set for each channel following an ETS programming process.

	Order no.	Packing unit	PS

Switching contact:	Relay with 8 x zero-voltage closing contacts
Loading capacity AC 230 V:	16 A / AC 1 or 10 A / AC 3
Loading capacity AC 400 V:	10 A/AC 1 or 6 A/AC 3
DC switching capacity:	16 A/24 V
Max. switch-on current:	400 A, 150 µs 200 A, 600 µs
Connected load:	3600 W ohmic load 16 A, max. 140 µF capacitive load AC 230 V 2500 W light bulbs 2500 W HV halogen 1200 VA LV halogen, wound transformer 1500 W LV halogen, Gira Tronic transformer 2500 VA fluorescent lamps, not compensated 2300 VA fluorescent lamps duo-circuit 1300 VA fluorescent lamps, parallel-compensated 2000 W mercury-vapour lamps, uncompensated 2000 W mercury-vapour lamps, parallel compensated
Connections:	KNX/EIB via connection and branch terminal **0595 00** load via screw terminals 0.2 to 4 mm^2 single-wire 2 x 0.2 to 2.5 mm^2 single-wire 0.75 to 4 mm^2 fine-wire without core jacket 0.5 to 2.5 mm^2 fine-wire with core jacket
Dimensions:	DRA device, 8 depth module
VDE approval in accordance with:	EN 60669-1, EN 60669-2-1, EN 50428

KNX/EIB connection and branch terminal 0595 00 → Page 510.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



KNX/EIB
switching actuator, 8-gang 16 A with manual activation and current measurement for C loads

DRA plus	**1046 00**	1	26

Product family: Output
Product type: Binary output, 8-gang

8-gang DRA switching actuator with integrated bus coupler. For switching eight independently controllable groups of loads. The switching contacts of the switching actuator, 8-gang, C-load are especially designed for loads with a capacitive character, and therefore conditional, brief, high switch-on currents (see Technical Data). The switching actuator has an integrated current detection. A current measurement can be carried out for each channel. Installation on DIN top-hat rail. With manual switch for switching over the relay (On/Off) parallel or without KNX operation. No additional power supply. The ETS3.0d (or higher) is recommended for configuring and starting up the device. Multi-phase connection. Functions:

- Independent switching of the 8 outputs.
- Manual activation of the relay independent of the bus/switching position display.
- NO contact or NC contact operation.
- Central switching function.
- Group feedback for reduction of bus load.
- Active or passive (object can be read out) cyclical feedback function.
- Feedback can be delayed until after the return of bus voltage.
- Logical linking function for each output.
- Block function can be parameterised for each channel. As an alternative, forced setting function for each output.
- Time functions (switch-on, switch-off delay, staircase light function - also with advance warning function).
- Inclusion in light scenes possible, maximum of 8 internal scenes can be parameterised per channel.
- Memory function for light scenes.
- Elapsed-hours meter as forward/backward counter with limit function (limit can be changed via bus) can be activated for each output.
- Input monitoring for cyclical updating with safety setting.
- Reactions in case of bus voltage failure and restoration can be set for each channel following an ETS programming process.
- Current detection: Measurement of load current for each channel.
- Threshold values for load monitoring (e.g. signalling of load failure).

Switching contact:	Relay with 8 x zero-voltage closing contacts
Loading capacity AC 230 V:	16 A/AC 1 or 16 A/AC 3
Loading capacity AC 400 V:	10 A/AC 1 or 10 A/AC 3
DC switching capacity:	16 A/24 V
Max. switch-on current:	600 A, 150 µs 300 A, 600 µs
Connected load:	3680 W ohmic load 16 A, max. 200 µF capacitive load AC 230 V 3680 W light bulbs 3680 W HV halogen 2000 VA LV halogen, wound transformer 2500 W LV halogen, Gira Tronic transformer 3680 VA fluorescent lamps, not compensated 3680 VA fluorescent lamps duo-circuit 2500 VA fluorescent lamps, parallel-compensated 3680 W mercury-vapour lamps, uncompensated 3680 W mercury-vapour lamps, parallel compensated
Current detection:	0.25 to 16 A sine 50/60 Hz
Connections:	KNX/EIB via connection and branch terminal **0595 00** load via screw terminals 0.2 to 4 mm^2 single-wire 2 x 0.2 to 2.5 mm^2 single-wire 0.75 to 4 mm^2 fine-wire without core jacket 0.5 to 2.5 mm^2 fine-wire with core jacket
Dimensions:	DRA device, 8 depth module
VDE approval in accordance with:	EN 60669-1, EN 60669-2-1, EN 50428

KNX/EIB connection and branch terminal 0595 00 → Page 510.

	Order no.	Packing unit	PS



KNX/EIB
switching actuator, 4-gang 16 A/ blind actuator, 2-gang 16 A with manual activation

DRA plus	**1036 00**	1	26

Product family: Output
Product type: Binary output, mix

Depending on the parameter settings, the actuator can be used as a switching actuator (max. 4-gang) or as a blind actuator (max. 2-gang). Mixed configurations of switching and blind actuator are also possible. For the blind actuator function, two neighbouring relay outputs are combined to form one blind output. Switching state display for each relay. Manual activation for switching over the relays in parallel or without KNX operation. Central switch-off with manual activation possible. With integrated bus coupler. Installation on DIN top-hat rail. Different phase conductors may be connected to the outputs. The ETS3.0d (or higher) is recommended for configuring and starting up the device.

Functions of blind actuator outputs:

- Independent control of up to 2 blind outputs.
- Behaviour after bus voltage failure and return can be set.
- Separately parameterisable movement times with movement time extension for movements into the upper end position.
- Central control of all blind outputs possible.
- Feedback of the curtain position or slat position. Active or passive (object can be read out) cyclical feedback functions.
- Feedback can be delayed until after the return of bus voltage.
- Assignments of up to 5 different safety functions (3 wind alarms, 1 rain alarm, 1 frost alarm), or with cyclical monitoring.
- Forced setting function can be realised for each blind output.
- Solar protection function with fixed and variable curtain or slat positions can be activated.
- Inclusion in scenes possible, maximum of 8 internal scenes can be parameterised per channel.
- Memory function for light scenes.

Functions of switching actuator outputs:

- Independent switching of up to 4 switching outputs.
- NO contact or NC contact operation can be set.
- Behaviour after bus voltage failure and return can be set.
- Central switching function.
- Group feedback for reduction of bus load.
- Active or passive (object can be read out) cyclical feedback function.
- Feedback can be delayed until after the return of bus voltage.
- Logical linking function for each output.
- Block function can be parameterised for each channel. As an alternative, forced setting function for each output.
- Time functions (switch-on, switch-off delay, staircase light function - also with advance warning function).
- Inclusion in scenes possible, maximum of 8 internal scenes can be parameterised per channel.
- Memory function for light scenes.

	Order no.	Packing unit	PS

Operating voltage:	230 V AC, 50/60 Hz
Switching contact:	Relay with 4 x zero-voltage closing contacts
Loading capacity AC 230 V:	16 A/AC 1 16 AX
Max. switch-on current:	800 A, 200 µs 165 A, 20 ms
Connected load:	3000 W ohmic load 16 A, max. 140 µF capacitive load AC 230 V 1380 VA motors (blind or fan) 3000 W light bulbs 2500 W HV halogen 1200 VA LV halogen, wound transformer 1500 W LV halogen, Gira Tronic transformer 1000 VA fluorescent lamps, not compensated 2300 VA fluorescent lamps duo-circuit 1160 VA fluorescent lamps, parallel-compensated 1000 W mercury-vapour lamps, uncompensated 1160 W mercury-vapour lamps, parallel compensated
Connections:	KNX/EIB via connection and branch terminal **0595 00** load via screw terminals 1.5 to 4 mm^2 single-wire 2 x 1.5 to 2.5 mm^2 single-wire 0.75 to 4 mm^2 fine-wire without core jacket 0.5 to 2.5 mm^2 fine-wire with core jacket
Dimensions:	DRA device, 4 depth modules

KNX/EIB connection and branch terminal 0595 00 → Page 510.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



KNX/EIB
switching actuator, 8-gang 16 A/ blind actuator, 4-gang 16 A with manual activation

DRA plus	**1037 00**	1	26

Product family: Output
Product type: Binary output, mix

Depending on the parameter settings, the actuator can be used as a switching actuator (max. 8-gang) or as a blind actuator (max. 4-gang). Mixed configurations of switching and blind actuator are also possible. For the blind actuator function, two neighbouring relay outputs are combined to form one blind output. Switching state display for each relay. Manual activation for switching over the relays in parallel or without KNX operation. Central switch-off with manual activation possible. With integrated bus coupler. Installation on DIN top-hat rail. Different phase conductors may be connected to the outputs. The ETS3.0d (or higher) is recommended for configuring and starting up the device.

Functions of blind actuator outputs:

- Independent control of up to 4 blind outputs.
- Behaviour after bus voltage failure and return can be set.
- Separately parameterisable movement times with movement time extension for movements into the upper end position.
- Central control of all blind outputs possible.
- Feedback of the curtain position or slat position. Active or passive (object can be read out) cyclical feedback functions.
- Feedback can be delayed until after the return of bus voltage.
- Assignments of up to 5 different safety functions (3 wind alarms, 1 rain alarm, 1 frost alarm), or with cyclical monitoring.
- Forced setting function can be realised for each blind output.
- Solar protection function with fixed and variable curtain or slat positions can be activated.
- Inclusion in scenes possible, maximum of 8 internal scenes can be parameterised per channel.
- Memory function for light scenes.

Functions of switching actuator outputs:

- Independent switching of up to 8 switching outputs.
- NO contact or NC contact operation can be set.
- Behaviour after bus voltage failure and return can be set.
- Central switching function.
- Group feedback for reduction of bus load.
- Active or passive (object can be read out) cyclical feedback function.
- Feedback can be delayed until after the return of bus voltage.
- Logical linking function for each output.
- Block function can be parameterised for each channel. As an alternative, forced setting function for each output.
- Time functions (switch-on, switch-off delay, staircase light function - also with advance warning function).
- Inclusion in scenes possible, maximum of 8 internal scenes can be parameterised per channel.
- Memory function for light scenes.

	Order no.	Packing unit	PS

Operating voltage:	230 V AC, 50/60 Hz
Switching contact:	Relay with 8 x zero-voltage closing contacts
Loading capacity AC 230 V:	16 A/AC 1 16 AX
Max. switch-on current:	800 A, 200 µs 165 A, 20 ms
Connected load:	3000 W ohmic load 16 A, max. 140 µF capacitive load AC 230 V 1380 VA motors (blind or fan) 3000 W light bulbs 2500 W HV halogen 1200 VA LV halogen, wound transformer 1500 W LV halogen, Gira Tronic transformer 1000 VA fluorescent lamps, not compensated 2300 VA fluorescent lamps duo-circuit 1160 VA fluorescent lamps, parallel-compensated 1000 W mercury-vapour lamps, uncompensated 1160 W mercury-vapour lamps, parallel compensated
Connections:	KNX/EIB via connection and branch terminal **0595 00** load via screw terminals 1.5 to 4 mm^2 single-wire 2 x 1.5 to 2.5 mm^2 single-wire 0.75 to 4 mm^2 fine-wire without core jacket 0.5 to 2.5 mm^2 fine-wire with core jacket
Dimensions:	DRA device, 4 depth modules
VDE approval in accordance with:	EN 60669-1, EN 60669-2-1, EN 50428

KNX/EIB connection and branch terminal 0595 00 → Page 510.

	Order no.	Packing unit	PS



KNX/EIB
switching actuator, 16-gang 16 A/ blind actuator, 8-gang 16 A with manual activation

DRA plus	**1038 00**	1	26

Product family: Output
Product type: Binary output, mix

Depending on the parameter settings, the actuator can be used as a switching actuator (max. 16-gang) or as a blind actuator (max. 8-gang). Mixed configurations of switching and blind actuator are also possible. For the blind actuator function, two neighbouring relay outputs are combined to form one blind output. Switching state display for each relay. Manual activation for switching over the relays in parallel or without KNX operation. Central switch-off with manual activation possible. With integrated bus coupler. Installation on DIN top-hat rail. Different phase conductors may be connected to the outputs. The ETS3.0d (or higher) is recommended for configuring and starting up the device.

Functions of blind actuator outputs:

- Independent control of up to 8 blind outputs.
- Behaviour after bus voltage failure and return can be set.
- Separately parameterisable movement times with movement time extension for movements into the upper end position.
- Central control of all blind outputs possible.
- Feedback of the curtain position or slat position. Active or passive (object can be read out) cyclical feedback functions.
- Feedback can be delayed until after the return of bus voltage.
- Assignments of up to 5 different safety functions (3 wind alarms, 1 rain alarm, 1 frost alarm), or with cyclical monitoring.
- Forced setting function can be realised for each blind output.
- Solar protection function with fixed and variable curtain or slat positions can be activated.
- Inclusion in scenes possible, maximum of 8 internal scenes can be parameterised per channel.
- Memory function for light scenes.

Functions of switching actuator outputs:

- Independent switching of up to 16 switching outputs.
- NO contact or NC contact operation can be set.
- Behaviour after bus voltage failure and return can be set.
- Central switching function.
- Group feedback for reduction of bus load.
- Active or passive (object can be read out) cyclical feedback function.
- Feedback can be delayed until after the return of bus voltage.
- Logical linking function for each output.
- Block function can be parameterised for each channel. As an alternative, forced setting function for each output.
- Time functions (switch-on, switch-off delay, staircase light function - also with advance warning function).
- Inclusion in scenes possible, maximum of 8 internal scenes can be parameterised per channel.
- Memory function for light scenes.

	Order no.	Packing unit	PS

Operating voltage:	230 V AC, 50/60 Hz
Switching contact:	Relay with 16 x zero-voltage closing contacts
Loading capacity AC 230 V:	16 A/AC 1 16 AX
Max. switch-on current:	800 A, 200 µs 165 A, 20 ms
Connected load:	3000 W ohmic load 16 A, max. 140 µF capacitive load AC 230 V 1380 VA motors (blind or fan) 3000 W light bulbs 2500 W HV halogen 1200 VA LV halogen, wound transformer 1500 W LV halogen, Gira Tronic transformer 1000 VA fluorescent lamps, not compensated 2300 VA fluorescent lamps duo-circuit 1160 VA fluorescent lamps, parallel-compensated 1000 W mercury-vapour lamps, uncompensated 1160 W mercury-vapour lamps, parallel compensated
Connections:	KNX/EIB via connection and branch terminal **0595 00** load via screw terminals 1.5 to 4 mm^2 single-wire 2 x 1.5 to 2.5 mm^2 single-wire 0.75 to 4 mm^2 fine-wire without core jacket 0.5 to 2.5 mm^2 fine-wire with core jacket
Dimensions:	DRA device, 8 depth module
VDE approval in accordance with:	EN 60669-1, EN 60669-2-1, EN 50428

KNX/EIB connection and branch terminal 0595 00 → Page 510.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



KNX/EIB
universal dimming actuator, 1-gang

20 –500 W/VA

DRA plus	**2171 00**	1	26

Product family: Lighting
Product type: Dimmer

Dimming actuator with integrated bus coupler for switching and dimming of various light bulbs, 230 V halogen lamps and LV halogen lamps with inductive transformers or Tronic transformers. It can also be used as a speed adjuster for speed control of single-phase electric motors.

From device version **Index I02 (V02)** and software version **1.2**: Switching and dimming of dimmable HV LED lamps or compact fluorescent lamps.

- Automatic or manual selection of dimming principle according to load
- Idle state-, short circuit- and excess temperature-proof
- Manual activation of the outputs independent of the bus (building site operation also possible)
- Installation on DIN top-hat rail
- Planning and start-up from ETS3.0d Patch A or newer version

Software:

- Independent control of the dimming channels
- Central switching function for control of all dimming channels
- Delay for actively transmitted feedback messages following bus voltage recovery
- Specification of load type and dimming method possible: Universal (with automatic calibration), electronic transformer (capacitive / trailing edge principle), conventional transformer (inductive / leading edge principle)
- Feedback for „switching“ and „brightness“
- Dimmable brightness range can be set
- Dimming behaviour and dimming characteristics can be configured
- Switch-on behaviour with relative dimming behaviour can be configured
- Soft switch-on and soft switch-off function
- Messages for short circuit, overload and load failure
- Feedback of connected load type
- Block function or forced setting function can be parameterised for each output
- Time functions (switch-on delay, switch-off delay, staircase light function)
- Staircase light function with advance warning function via time-controlled reduction of lighting or activation of permanent lighting
- Linking function and up to 8 scenes per dimming channel possible
- Elapsed-hours meter for recording switch-on time
- Reactions after bus voltage failure and return can be set

	Order no.	Packing unit	PS

Rated voltage:	AC 110 V to 230 V, 50/60 Hz
Connected load (AC 230 V):	20 to 500 W light bulbs 20 to 500 W HV halogen 20 to 500 W LV halogen, Gira Tronic transformer 20 to 500 VA LV halogen, wound transformer typ. 7 up to 100 W, LED lamps typ. 7 up to 100 W, compact fluorescent lamp
Connected load (AC 110 V):	20 to 250 W light bulbs 20 to 250 W HV halogen 20 to 250 W LV halogen, Gira Tronic transformer 20 to 250 VA LV halogen, wound transformer typ. 7 up to 50 W, LED lamps typ. 7 up to 50 W, compact fluorescent lamp
Switching current for motors:	2.3 A
Connections:	KNX/EIB via connection and branch terminal **0595 00** Load via screw terminals up to 4 mm^2
Protection type:	IP 20
Dimensions:	DRA device, 4 depth modules
VDE approval in accordance with:	EN 60669-1, EN 60669-2-1, EN 50428

Universal power booster 1035 00 → Page 289.
Tronic power booster 0380 00 → Page 289.
LV power booster 0364 00 → Page 290.
KNX/EIB connection and branch terminal 0595 00 → Page 510.

	Order no.	Packing unit	PS



KNX/EIB
universal dimming actuator, 2-gang

2 x 300 W/VA

DRA plus	**2172 00**	1	26

Product family: Lighting
Product type: Dimmer

Dimming actuator with integrated bus coupler for switching and dimming of various light bulbs, 230 V halogen lamps and LV halogen lamps with inductive transformers or Tronic transformers.
From device version **Index I02 (V02)** and software version **1.2**: Switching and dimming of dimmable HV LED lamps or compact fluorescent lamps.

- Automatic or manual selection of dimming principle according to load
- Idle state-, short circuit- and excess temperature-proof
- Manual activation of the outputs independent of the bus (building site operation also possible)
- Installation on DIN top-hat rail
- Planning and start-up from ETS3.0d Patch A or newer version

Software:

- Independent control of the dimming channels
- Central switching function for control of all dimming channels
- Delay for actively transmitted feedback messages following bus voltage recovery
- Specification of load type and dimming method possible: Universal (with automatic calibration), electronic transformer (capacitive / trailing edge principle), conventional transformer (inductive / leading edge principle)
- Feedback for „switching“ and „brightness“
- Dimmable brightness range can be set
- Dimming behaviour and dimming characteristics can be configured
- Switch-on behaviour with relative dimming behaviour can be configured
- Soft switch-on and soft switch-off function
- Messages for short circuit, overload and load failure
- Feedback of connected load type
- Block function or forced setting function can be parameterised for each output
- Time functions (switch-on delay, switch-off delay, staircase light function)
- Staircase light function with advance warning function via time-controlled reduction of lighting or activation of permanent lighting
- Linking function and up to 8 scenes per dimming channel possible
- Elapsed-hours meter for recording switch-on time
- Reactions after bus voltage failure and return can be set.

	Order no.	Packing unit	PS

Rated voltage:	AC 110 V to 230 V, 50/60 Hz
Outputs:	2
Connected load (AC 230 V) per channel:	20 to 300 W light bulbs 20 to 300 W HV halogen 20 to 300 W LV halogen, Gira Tronic transformer 20 to 300 VA LV halogen, wound transformer typ. 7 up to 60 W, LED lamps typ. 7 up to 60 W, compact fluorescent lamp
Connected load (AC 110 V) per channel:	20 to 150 W light bulbs 20 to 150 W HV halogen 20 to 150 W LV halogen, Gira Tronic transformer 20 to 150 VA LV halogen, wound transformer typ. 7 up to 30 W, LED lamps typ. 7 up to 30 W, compact fluorescent lamp
Connections:	KNX/EIB via connection and branch terminal **0595 00** Load via screw terminals up to 4 mm^2
Protection type:	IP 20
Dimensions:	DRA device, 4 depth modules
VDE approval in accordance with:	EN 60669-1, EN 60669-2-1, EN 50428

Universal power booster 1035 00 → Page 289.
Tronic power booster 0380 00 → Page 289.
LV power booster 0364 00 → Page 290.
KNX/EIB connection and branch terminal 0595 00 → Page 510.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



KNX/EIB
dimming actuator, 4-gang

4 x 250 W/VA

DRA plus	**2174 00**	1	26

Product family: Lighting
Product type: Dimmer

Dimming actuator with integrated bus coupler for switching and dimming of various light bulbs, 230 V halogen lamps and LV halogen lamps with inductive transformers or Tronic transformers. Several outputs can be wired in parallel to increase output power.
From device version **Index I02 (V02)** and software version **1.2**: Switching and dimming of dimmable HV LED lamps or compact fluorescent lamps.

- Automatic or manual selection of dimming principle according to load
- Idle state-, short circuit- and excess temperature-proof
- Manual activation of the outputs independent of the bus (building site operation also possible)
- Parallel switching of several outputs to a load of 950 W is possible
- Installation on DIN top-hat rail
- Planning and start-up from ETS3.0d Patch A or newer version

Software:

- Independent control of the dimming channels
- Central switching function for control of all dimming channels
- Delay for actively transmitted feedback messages following bus voltage recovery
- Specification of load type and dimming method possible: Universal (with automatic calibration), electronic transformer (capacitive / trailing edge principle), conventional transformer (inductive / leading edge principle)
- Feedback for „switching“ and „brightness“
- Dimmable brightness range can be set
- Dimming behaviour and dimming characteristics can be configured
- Switch-on behaviour with relative dimming behaviour can be configured
- Soft switch-on and soft switch-off function
- Messages for short circuit, overload and load failure
- Feedback of connected load type
- Block function or forced setting function can be parameterised for each output
- Time functions (switch-on delay, switch-off delay, staircase light function)
- Staircase light function with advance warning function via time-controlled reduction of lighting or activation of permanent lighting
- Linking function and up to 8 scenes per dimming channel possible
- Elapsed-hours meter for recording switch-on time
- Reactions after bus voltage failure and return can be set.

	Order no.	Packing unit	PS

Rated voltage:	AC 110 V to 230 V, 50/60 Hz
Output:	4
Connected load (AC 230 V) per channel:	20 to 250 W light bulbs 20 to 250 W HV halogen 20 to 250 W LV halogen, Gira Tronic transformer 20 to 250 VA LV halogen, wound transformer typ. 7 up to 50 W, LED lamps typ. 7 up to 50 W, compact fluorescent lamp
Connected load (AC 110 V) per channel:	20 to 120 W light bulbs 20 to 120 W HV halogen 20 to 120 W LV halogen, Gira Tronic transformer 20 to 120 VA LV halogen, wound transformer typ. 7 up to 24 W, LED lamps typ. 7 up to 24 W, compact fluorescent lamp
Parallel switched outputs:	Load outputs to max. 95 % (max. 950 W at 230 V~, 50/60 Hz)
Connections:	KNX/EIB via connection and branch terminal **0595 00** Load via screw terminals up to 4 mm^2
Dimensions:	DRA device, 8 depth module
VDE approval in accordance with:	EN 60669-1, EN 60669-2-1, EN 50428

Universal power booster 1035 00 → Page 289.
KNX/EIB connection and branch terminal 0595 00 → Page 510.

	Order no.	Packing unit	PS



KNX/EIB
control device 1–10 V, 3-gang with manual activation

DRA plus	**1019 00**	1	26

Product family: Illumination
Product type: Dimmer

DRA device for switching and dimming electronic fluorescent-lamp electronic ballasts with 1–10 V control input or other 1–10 V dimmable devices. With relay manual activation and setting of the basic brightness. Multi-phase connection.

Features which can be set via software:

- Switching and dimming electronic fluorescent-lamp in combination with electronic ballast or other 1–10 V dimmable devices
- Switch-on and dimming behaviour can be set with parameters
- Feedback of switching state and brightness value
- „Soft ON", „Soft OFF" and time dimmer are configurable
- Dimming or brightening of illumination level
- Time-delayed switch-off when a switch-off brightness is dropped below is possible
- Light scene operation possible
- Blocking operation can be activated with an object with a configurable brightness value at the start and end of a blocking phase
- Behaviour of the dimming actuator following bus voltage recovery adjustable

Electronic control gear generates very high current spikes. For this reason, you should use an initial current limiter or a separate load contactor with greater loads.

Switching contact:	Relay with 3 x zero-voltage closing contacts
Loading capacity AC 230 V:	16 A / AC 1 or 10 A / AC 3
Connected load:	2500 W ohmic load 1100 W/140 µF capacitive load type-dependent electronic ballast max. 15 pc. Insta EVG TC 1–10 V single-flame max. 12 pc. Insta EVG TC 1–10 V two-flame
1 – 10 V interface:	max. 100 mA per channel max. 500 m input line with 0.5 mm^2
Connections:	KNX/EIB via connection and branch terminal **0595 00** 1 – 10 V and load via screw terminals 0.2 to 4 mm^2 single-wire 2 x 0.2 to 2.5 mm^2 single-wire 0.75 to 4 mm^2 fine-wire without core jacket 0.5 to 2.5 mm^2 fine-wire with core jacket
Protection type:	IP 20
Dimensions:	DRA device, 4 depth modules
VDE approval in accordance with:	EN 60669-1, EN 60669-2-1, EN 50428

KNX/EIB connection and branch terminal 0595 00 → Page 510.
Switch-on current limiter 0810 00 → Page 293.

	Order no.	Packing unit	PS



KNX/EIB
DALI gateway with manual actuation

DRA plus	**1060 00**	1	26

Product family: Lighting
Product type: Dimmer

The DALI gateway forms the interface between a KNX installation and a digital DALI lighting system. The DALI gateway enables switching and dimming of a maximum of 64 lights with a DALI operating device (e.g. electronic ballast).

The DALI light groups can be switched on and off or dimmed by means of manual operation on the device parallel to the KNX, even without bus voltage or in the unprogrammed state (broadcast of all connected DALI lights).

The ETS3.0d (or higher) is recommended for configuring and starting up the device. Installation on DIN top-hat rail. Functions:

- Control of a maximum of 64 DALI devices in a maximum of 32 groups.
- Manual activation of the groups independent of the bus (including building site operation with broadcast control).
- Feedback of DALI error status or short-circuit and signalling of failure of the power supply.
- Feedback can be delayed until after the return of bus voltage
- Central switching function.
- Active or passive (object can be read out) cyclical feedback function.
- Feedback can be delayed until after the return of bus voltage
- Setting of brightness limits possible.
- Dimming behaviour can be parameterised.
- Soft switch-on or soft switch-off function.
- Block function or as an alternative forced setting function can be parameterised for each group. With block function flashing of light groups is possible.
- Time functions (switch-on, switch-off delay, staircase light function - also with advance warning function).
- Inclusion of the groups in up to 16 light scenes possible.
- Reactions in case of bus voltage failure and restoration can be set for each group following an ETS programming process.
- Replacement of a defective DALI device can be on device without software.

Operating voltage:	AC 110 V to 240 V 50/60 Hz
Connections:	KNX/EIB via connection and branch terminal **0595 00** DALI via screw terminals 0.2 to 4 mm^2 single-wire 2 x 0.2 to 2.5 mm^2 single-wire 0.75 to 4 mm^2 fine-wire without core jacket 0.5 to 2.5 mm^2 fine-wire with core jacket
Cable lengths between gateway and operating device:	∅ 1.5 mm^2 max. 300 m ∅ 1.0 mm^2 max. 238 m ∅ 0.75 mm^2 max. 174 m ∅ 0.5 mm^2 max. 116 m
Temperature range:	-5 °C to +45 °C
Dimensions:	DRA device, 4 depth modules
VDE approval in accordance with:	EN 60669-1, EN 60669-2-1, EN 50428

KNX/EIB connection and branch terminal 0595 00 → Page 510.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



KNX/EIB
blind actuator, 4-gang
24 V DC with manual activation

DRA plus	**2154 00**	1	26

Product family: Blinds
Product type: Blinds

Blind actuator with manual activation and status display for each output. To control electrically operated blinds, shutters, awnings, ventilation flaps or similar hangings for low voltage of 12 to 48 V DC. The ETS3.0d (or higher) is recommended for configuring and starting up the device. Blind actuator with integrated bus coupler. Installation on DIN top-hat rail. Functions:

- Independent control of the 4 blind outputs.
- Curtain position can be directly controlled.
- Slat position can be directly controlled.
- Behaviour after bus voltage failure and return can be set.
- Separately parameterisable movement times with movement time extension for movements into the upper end position.
- Central control of all blind outputs possible.
- Feedback of the curtain position or slat position. Active or passive (object can be read out) cyclical feedback functions.
- Feedback can be delayed until after the return of bus voltage.
- Assignments of up to 5 different safety functions (3 wind alarms, 1 rain alarm, 1 frost alarm), or with cyclical monitoring.
- Forced setting function can be realised for each blind output.
- Inclusion in scenes possible, maximum of 8 internal scenes can be parameterised per channel.
- Memory function for light scenes.
- Solar protection function with fixed and variable curtain or slat positions can be activated.
- Extended solar protection with extensive control functions.
- Integration in temperature management of building possible.
- Blocking of individual outputs manually or with bus.

DC switching voltage:	DC 12 to 48 V
Switching capacity DC 12/24 V:	6 A
Switching capacity DC 48 V:	3 A
Connections:	KNX/EIB via connection and branch terminal **0595 00** load via screw terminals 0.5 to 4 mm^2 single/fine-wire without core jacket 0.5 to 2.5 mm^2 fine-wire with core jacket
Dimensions:	DRA device, 4 depth modules

Wind sensor Standard 0913 00 → Page 573.
KNX/EIB connection and branch terminal 0595 00 → Page 510.

	Order no.	Packing unit	PS



KNX/EIB
blind actuator, 2-gang
230 V AC with manual activation

DRA plus	**2152 00**	1	26

Product family: Blinds
Product type: Blinds

Blind actuator with manual activation and status display for each output. To control electrically operated blinds, shutters, awnings, ventilation flaps or similar hangings for mains voltage of 230 V AC. The ETS3.0d (or higher) is recommended for configuring and starting up the device. Blind actuator with integrated bus coupler. Installation on DIN top-hat rail. Connection of various phases. Functions:

- Independent control of the 2 blind outputs.
- Automatic curtain moving time detection for 230 V AC drives with mechanical stop position switches.
- Curtain position can be directly controlled.
- Slat position can be directly controlled.
- Behaviour after bus voltage failure and return can be set.
- Separately parameterisable movement times with movement time extension for movements into the upper end position.
- Central control of all blind outputs possible.
- Feedback of the curtain position or slat position. Active or passive (object can be read out) cyclical feedback functions.
- Feedback can be delayed until after the return of bus voltage.
- Assignments of up to 5 different safety functions (3 wind alarms, 1 rain alarm, 1 frost alarm), or with cyclical monitoring.
- Forced setting function can be realised for each blind output.
- Inclusion in scenes possible, maximum of 8 internal scenes can be parameterised per channel.
- Memory function for light scenes.
- Solar protection function with fixed and variable curtain or slat positions can be activated.
- Extended solar protection with extensive control functions.
- Integration in temperature management of building possible.
- Blocking of individual outputs manually or with bus.

Operating voltage:	230 V AC, 50/60 Hz
AC switching voltage:	230 V AC, 50/60 Hz
Loading capacity AC 230 V:	6 A/AC1
Connections:	KNX/EIB via connection and branch terminal **0595 00** load via screw terminals 0.5 to 4 mm^2 single/fine-wire without core jacket 0.5 to 2.5 mm^2 fine-wire with core jacket
Dimensions:	DRA device, 4 depth modules

KNX/EIB connection and branch terminal 0595 00 → Page 510.

	Order no.	Packing unit	PS



KNX/EIB
blind actuator, 4-gang
230 V AC/12-48 V DC
with manual activation

DRA plus	**1039 00**	1	26

Product family: Blinds
Product type: Blinds

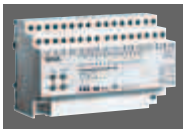
Blind actuator with manual activation and status display for each output. To control electrically operated blinds, shutters, awnings, ventilation flaps or similar hangings for a mains voltage of 230 V AC (4 channel) or low voltage of 12 to 48 V DC (2 channel).
The ETS3.0d (or higher) is recommended for configuring and starting up the device. Blind actuator with integrated bus coupler. Installation on DIN top-hat rail. Connection of various phases. Functions:

- Independent control of the 4 blind outputs.
- Automatic curtain moving time detection for 230 V AC drives with mechanical stop position switches.
- Curtain position can be directly controlled.
- Slat position can be directly controlled.
- Behaviour after bus voltage failure and return can be set.
- Separately parameterisable movement times with movement time extension for movements into the upper end position.
- Central control of all blind outputs possible.
- Feedback of the curtain position or slat position. Active or passive (object can be read out) cyclical feedback functions.
- Feedback can be delayed until after the return of bus voltage.
- Assignments of up to 5 different safety functions (3 wind alarms, 1 rain alarm, 1 frost alarm), or with cyclical monitoring.
- Forced setting function can be realised for each blind output.
- Inclusion in scenes possible, maximum of 8 internal scenes can be parameterised per channel.
- Memory function for light scenes.
- Solar protection function with fixed and variable curtain or slat positions can be activated.
- Extended solar protection with extensive control functions.
- Integration in temperature management of building possible.
- Blocking of individual outputs manually or with bus.

Operating voltage:	230 V AC, 50/60 Hz
AC switching voltage:	230 V AC, 50/60 Hz
Loading capacity AC 230 V:	6 A/AC1
DC switching voltage:	DC 12 to 48 V
Switching capacity DC 12/24 V:	6 A
Switching capacity DC 48 V:	3 A
Connections:	KNX/EIB via connection and branch terminal **0595 00** load via screw terminals 0.5 to 4 mm^2 single/fine-wire without core jacket 0.5 to 2.5 mm^2 fine-wire with core jacket
Dimensions:	DRA device, 4 depth modules
VDE approval in accordance with:	EN 60669-1, EN 60669-2-1, EN 50428

KNX/EIB connection and branch terminal 0595 00 → Page 510.

	Order no.	Packing unit	PS



KNX/EIB
blind actuator, 8-gang
230 V AC/12-48 V DC
with manual activation

DRA plus	**2161 00**	1	26

Product family: Blinds
Product type: Blinds

Blind actuator with manual activation and status display for each output. To control electrically operated blinds, shutters, awnings, ventilation flaps or similar hangings for a mains voltage of 230 V AC (8 channel) or low voltage of 12 to 48 V DC (4 channel).
The ETS3.0d (or higher) is recommended for configuring and starting up the device. Blind actuator with integrated bus coupler. Installation on DIN top-hat rail. Connection of various phases. Functions:

- Independent control of the blind outputs.
- Automatic curtain moving time detection for 230 V AC drives with mechanical stop position switches.
- Curtain position can be directly controlled.
- Slat position can be directly controlled.
- Behaviour after bus voltage failure and return can be set.
- Separately parameterisable movement times with movement time extension for movements into the upper end position.
- Central control of all blind outputs possible.
- Feedback of the curtain position or slat position. Active or passive (object can be read out) cyclical feedback functions.
- Feedback can be delayed until after the return of bus voltage.
- Assignments of up to 5 different safety functions (3 wind alarms, 1 rain alarm, 1 frost alarm), or with cyclical monitoring.
- Forced setting function can be realised for each blind output.
- Inclusion in scenes possible, maximum of 8 internal scenes can be parameterised per channel.
- Memory function for light scenes.
- Solar protection function with fixed and variable curtain or slat positions can be activated.
- Extended solar protection with extensive control functions.
- Integration in temperature management of building possible.
- Blocking of individual outputs manually or with bus.

Operating voltage:	230 V AC, 50/60 Hz
AC switching voltage:	230 V AC, 50/60 Hz
Loading capacity AC 230 V:	6 A/AC1
DC switching voltage:	DC 12 to 48 V
Switching capacity DC 12/24 V:	6 A
Switching capacity DC 48 V:	3 A
Connections:	KNX/EIB via connection and branch terminal **0595 00** load via screw terminals 0.5 to 4 mm^2 single/fine-wire without core jacket 0.5 to 2.5 mm^2 fine-wire with core jacket
Dimensions:	DRA device, 8 depth module
VDE approval in accordance with:	EN 60669-1, EN 60669-2-1, EN 50428

KNX/EIB connection and branch terminal 0595 00 → Page 510.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



KNX
Shutter actuator, 4-gang
230 V AC with manual activation

DRA plus	**2160 00**	1	26

Product family: Blinds
Product type: Blinds

Shutter actuator with manual activation and status display for each output. To control electrically operated shutters for a mains voltage of 230 V AC (4 channel).
The ETS3.0d (or higher) is recommended for configuring and starting up the device. Shutter actuator with integrated bus coupler.
Installation on DIN top-hat rail. Connection of various phases.
Functions:

- Independent control of the 4 shutter outputs.
- Shutter position can be directly controlled.
- Behaviour after bus voltage failure and return can be set.
- Feedback of position. Active or passive (object can be read out) cyclical feedback functions.
- Assignments of up to 5 different safety functions (3 wind alarms, 1 rain alarm, 1 frost alarm), or with cyclical monitoring.

Operating voltage:	230 V AC, 50/60 Hz
AC switching voltage:	230 V AC, 50/60 Hz
Loading capacity	
AC 230 V:	6 A/AC1
Connections:	KNX/EIB via connection and branch terminal **0595 00** load via screw terminals 0.5 to 4 mm^2 single/fine-wire without core jacket 0.5 to 2.5 mm^2 fine-wire with core jacket
Dimensions:	DRA device, 4 depth modules
VDE approval in accordance with:	EN 60669-1, EN 60669-2-1, EN 50428

KNX/EIB connection and branch terminal 0595 00 → Page 510.

	Order no.	Packing unit	PS



KNX/EIB
analogue actuator, 4-gang

DRA plus	**1022 00**	1	26

Product family: Output
Product type: Analogue output, 4-gang

4-gang DRA analogue actuator with integrated bus coupler converts KNX telegrams (1-byte and 2-byte) into analogue output signals. These analogue output signals enable heating, air conditioning and ventilation actuators to adapt their initial parameters based on bus information, and to participate in control processes.
The 4 outputs are parameterised to voltage or current signals by the software.

Voltage signals:	0 to 20 mA, load ≤ 500 Ω 4 to 20 mA, load ≤ 500 Ω
Voltage signals:	0 to 1 V, load ≤ 1 kΩ 0 to 1 V, load ≤ 1 kΩ 0 to 10 V, load ≤ 1 kΩ

Voltage outputs are monitored for short-circuits. The initial state is indicated by the status LED. The initial parameters can be restrained. Switch off outputs not required. Installation on DIN top-hat rail.
The analogue actuator requires the power supply **1024 00** for supply.

Number of outputs:	4
Supply voltage:	AC 24 V
Connections:	KNX/EIB via connection and branch terminal **0595 00** Outputs, supply with screw terminals 0.5 to 4 mm^2 single-wire 0.34 to 4 mm^2 fine-wire without core jacket 0.14 to 2.5 mm^2 fine-wire with core jacket)
Protection type:	IP 20
Dimensions:	DRA device, 4 depth modules

KNX/EIB connection and branch terminal 0595 00 → Page 510.

	Order no.	Packing unit	PS



KNX/EIB
Fan coil actuator

DRA plus	**2163 00**	1	26

Product family: Heating, air conditioning, ventilation
Product type: Fan coil

Fan coil actuator for operation of ventilator convectors (fan coil units), implemented for room air conditioning. The actuator receives telegrams, for example from room temperature controllers, and converts corrected variable telegrams into equivalent ventilator gradations and valve positions. Installation on DIN top-hat rail. The ETS3.0d (or higher) is recommended for configuring and starting up the device.

- Connection of a ventilator convector with up to 6 ventilator gradations or connection of 2 ventilator convectors each with up to 3 ventilator gradations with double pipe systems.
- Manual operation or building site operation without bus voltage
- Operating modes for heating or cooling, or combined heating/cooling
- Double pipe or quadruple pipe operation. Double pipe system heats or cools via a shared water cycle. Quadruple pipe system consists of separate flow and return for heating and cooling.
- Individual or hierarchic switching of ventilator gradations
- Feedback, output display, block function for each channel, level limitation
- Behaviour after bus voltage failure or bus/mains voltage failure and following an ETS programming process can be configured
- Limit values can be set
- Cyclical or event-oriented transmission
- Free channels can be used for switching functions e.g. for room lighting

Switching contact:	µ-contact, zero-voltage NO contact
Switching capacity	
AC 230 V:	10 A/AC 1 or 10 A/AC 3
Max. switch-on current:	800 A, 200 µs 165 A, 20 ms
Connected load:	2300 W ohmic load 10 A, max. 140 µF capacitive load AC 230 V 2300 W light bulbs 2300 W HV halogen 1200 VA LV halogen, wound transformer 1500 W LV halogen, Gira Tronic transformer 1000 VA fluorescent lamps, not compensated 2300 VA fluorescent lamps duo-circuit 1160 VA fluorescent lamps, parallel-compensated 1000 W mercury-vapour lamps, uncompensated 1160 W mercury-vapour lamps, parallel compensated
Connections:	KNX/EIB via connection and branch terminal **0595 00** load via screw terminals 0.5 to 4 mm^2 single-wire 0.35 to 4 mm^2 fine-wire without core jacket 0.14 to 2.5 mm^2 fine-wire with core jacket
Dimensions:	DRA device, 4 depth modules
VDE approval in accordance with:	EN 60669-1, EN 60669-2-1, EN 50428

KNX/EIB connection and branch terminal 0595 00 → Page 510.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



KNX/EIB
Room Actuator

DRA plus	**2162 00**	1	26

Product family: Output
Product type: Binary output, mix

The room actuator controls three functions simultaneously in one device, such as lighting, blinds and heating. The four relay outputs can be set either for blind operation or alternatively for switching operation in the ETS (Engineering Tool Software). Mixed operation is also possible. Two switching outputs give one blind output. In addition two further electronic switching outputs are present for the control of valve drives.
Installation on DIN top-hat rail. The ETS3.0d (or higher) is recommended for configuring and starting up the device.

Switching operation

- The room actuator with its relay contacts controls electrical devices such as lighting systems. Relays have flip-flop contacts, so that the last set switching condition remains unchanged even with failure of the power supply.
- Functional features for each output: a wide spectrum of time functions, logical links, scenes, block functions or restraints, extended feedback, cyclical monitoring of incoming switching telegrams and an elapsed-hours meter.

Blind operation

- The room actuator with its relay contacts controls electrically operated blinds, shutters, awnings, ventilation flaps or similar hangings with a mains voltage of 230 V AC.
- Functional features for each output channel: separately parameterisable movement times, extended feedback functions, assignments of up to 5 various safety functions, a comprehensive solar protection function and the integrating in scenes or restraints.

Room temperature control

- Two further electronic switching outputs are used for silent operation of electrothermic valve drives for heating or cooling systems.
- Continuous corrected variable telegrams are implemented in a pulse width modulated output signal (PWM). With this the valve drives can be continuously controlled. Also possible is the implementation of corrected variables to be switched. Status message for the valve position and cyclical monitoring of corrected variable telegrams.
- Emergency mode in case of bus voltage failure or bus/mains voltage restoration plus forced setting via bus telegram for summer and winter operation
- Alarm signal in case of short circuit or overload of the switch output and position protection for the valves; de-energised closed or open valve drives can be connected
- Monitoring of mains voltage supply, and in cases of malfunction, the transmission of an alarm message on the bus
- Group messages „all valves closed“ and „largest corrected variable“

	Order no.	Packing unit	PS

Connections:	KNX/EIB via connection and branch terminal **0595 00** load via screw terminals 0.5 to 4 mm^2 single-wire 0.35 to 4 mm^2 fine-wire without core jacket 0.14 to 2.5 mm^2 fine-wire with core jacket
Dimensions:	DRA device, 4 depth modules
Heating outputs	
Switching contact:	Triac
switching current:	5 mA to 50 mA
Max. switch-on current:	1.5 A, 2 s
Relay outputs	
Switching contact:	µ-contact, zero-voltage NO contact
Switching capacity	
AC 230 V:	16 A/AC 1 or 6 A/AC 3
Max. switch-on current:	800 A, 200 µs 165 A, 20 ms
Connected load:	3000 W ohmic load 16 A, max. 140 µF capacitive load AC 230 V 1380 VA motors (blind or fan) 3000 W light bulbs 2500 W HV halogen 1200 VA LV halogen, wound transformer 1500 W LV halogen, Gira Tronic transformer 1000 VA fluorescent lamps, not compensated 2300 VA fluorescent lamps duo-circuit 1160 VA fluorescent lamps, parallel-compensated 1000 W mercury-vapour lamps, uncompensated 1160 W mercury-vapour lamps, parallel compensated
VDE approval in accordance with:	EN 60669-1, EN 60669-2-1, EN 50428

KNX/EIB connection and branch terminal 0595 00 → Page 510.

	Order no.	Packing unit	PS

Installation Sensors



KNX/EIB universal push button interface, 2-gang

Order no.	Packing unit	PS
1118 00	1/5	06

Product family: Input
Product type: Binary input, 2-gang

2-gang flush-mounted binary input, can be used in deep flush-mounted wall box (60 mm deep) behind a conventional switch/push button, for connection of zero-voltage contacts. The switching operations of zero-voltage contacts are converted into KNX messages. The 2 inputs can be assigned various functions or blocked independently of each other in the process. Both inputs can be configured as outputs (max. 2 mA).

Properties which can be adjusted with software:

- Free assignment of the functions switching, dimming, blind and value transmitter to both inputs or pulse counters and switching counters
- Blocker for blocking individual inputs
- Behaviour when the bus voltage returns can be configured separately for each input
- Telegram rate limiting
- Switching function: two independent switching objects are available for each input and can be released individually, command for leading and trailing edge can be set independently (ON, OFF, CHANGE, no reaction), cyclical transmission of the switching objects depending on the edge or depending on the object value can be selected
- Dimming function: single and double-surface operation, time between dimming and switching and dim-step size can be set, telegram repetition and stop-telegram transmission possible
- Blind function: command can be set with rising edge (no function, UP, DOWN, CHANGE), operating concept can be configured (Step - Move - Step or Move - Step), time between short and long-term operation can be set, slat adjustment time can be set
- Value transmitter and light scene auxiliary unit function: edge (push button as NO contact, push button as NC contact, switch) and value with edge can be configured, value adjustment with push button by pressing and holding button for value transmitters possible, light scene auxiliary unit with memory function and saving of the scene without previously calling up is possible
- Temperature value transmitter and brightness value transmitter function: edge and value configurable, value adjustment with push button by pressing and holding button possible
- Pulse counter function: edge for pulse counting and interval time for counter status transfer can be configured, edge of the synchronisation signal for resetting the counter status and switching telegram when synchronisation signal arrives can be set
- Function of switching counter: edge for counting the signals at the input and maximum counter reading selectable, increment for the counter reading output and telegram when the maximum counter reading is reached can be parameterised
- Function as switching output: behaviour in case of bus failure and return, switch-on and/or switch-off delay or time-switch function, output clocking (flashing of an LED)

Number of inputs:	2
Connections:	KNX/EIB via connection and branch terminal **0595 00** Input line via 3-pole cable set
Temperature range:	-5 °C to +45 °C
Protection type:	IP 20
Dimensions:	L x W x H 43 x 28 x 15 mm

Push buttons for low voltage up to 42 V 0138 .., 0153 ..
Push rocker insert, 4-gang 0147 00 → Page 276.
KNX/EIB connection and branch terminal 0595 00 → Page 510.



KNX/EIB universal push button interface, 4-gang

Order no.	Packing unit	PS
1119 00	1/5	06

Product family: Input
Product type: Binary input, 4-gang

4-gang flush-mounted binary input, can be used in deep flush-mounted wall box (60 mm deep) behind a conventional switch/push button, for connection of zero-voltage contacts. The switching operations of zero-voltage contacts are converted into KNX messages. The 4 inputs can be assigned various functions or blocked independently of each other in the process. Two inputs can be configured as outputs (max. 2 mA).

Properties which can be adjusted with software:

- Free assignment of the functions for switching, dimming, blind and value transmitter to inputs 1 through 4 or pulse counters and switching counters to inputs 1 and 2
- Blocker for blocking individual inputs
- Behaviour when the bus voltage returns can be configured separately for each input
- Telegram rate limiting
- Switching function: two independent switching objects are available for each input and can be released individually, command for leading and trailing edge can be set independently (ON, OFF, CHANGE, no reaction), cyclical transmission of the switching objects depending on the edge or depending on the object value can be selected
- Dimming function: single and double-surface operation, time between dimming and switching and dim-step size can be set, telegram repetition and stop-telegram transmission possible
- Blind function: command can be set with rising edge (no function, UP, DOWN, CHANGE), operating concept can be configured (Step - Move - Step or Move - Step), time between short and long-term operation can be set, slat adjustment time can be set
- Value transmitter and light scene auxiliary unit function: edge (push button as NO contact, push button as NC contact, switch) and value with edge can be configured, value adjustment with push button by pressing and holding button for value transmitters possible, light scene auxiliary unit with memory function and saving of the scene without previously calling up is possible
- Temperature value transmitter and brightness value transmitter function: edge and value configurable, value adjustment with push button by pressing and holding button possible
- Pulse counter function: edge for pulse counting and interval time for counter status transfer can be configured, edge of the synchronisation signal for resetting the counter status and switching telegram when synchronisation signal arrives can be set
- Function of switching counter: edge for counting the signals at the input and maximum counter reading selectable, increment for the counter reading output and telegram when the maximum counter reading is reached can be parameterised
- Function as switching output: behaviour in case of bus failure and return, switch-on and/or switch-off delay or time-switch function, output clocking (flashing of an LED)

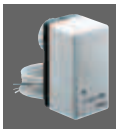
Number of inputs:	4
Connections:	KNX/EIB via connection and branch terminal **0595 00** Input line via 5-pole cable set
Temperature range:	-5 °C to +45 °C
Protection type:	IP 20
Dimensions:	L x W x H 43 x 28 x 15 mm

Push buttons for low voltage up to 42 V 0138 .., 0153 ..
Push rocker insert, 4-gang 0147 00 → Page 276.
KNX/EIB connection and branch terminal 0595 00 → Page 510.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

Installation Actuators



KNX/EIB valve drive 2

	1097 00	1	06

Product family: Heating, air conditioning, ventilation
Product type: Valves

Electric motor-driven valve drive with two binary inputs (zero-voltage) for installation on thermostat valve bases (recommendation: Heimeier) for the control of heating systems. The two independent, zero-voltage contacts are used, for example, to connect window contacts or conventional switches/push buttons with the functions: Switching, dimming, value transmitter.
The valve drive is a proportional drive and is directly (without additional bus coupler) connected to the KNX.
Suitable for room temperature control, e.g. on space heaters, radiators, convector heaters, heating circuit distributors on radiant heating systems, etc. No additional auxiliary power necessary, as the supply voltage is drawn from the KNX. The physical address is programmed contact-free with the aid of a programming magnet (included in delivery supply).
Programming LED as status display. Control using KNX continuous controller. The valve lift can be controlled at 256 settings between the completely opened and closed position. Forced position can be configured.
Status signal of the drive via its own status object. Connection, e.g. in conjunction with cord outlet.

Power supply:	24 V DC (+6/-4 V) via KNX/EIB
Power consumption:	max. 12 mA at 20 V (= 240 mW)
Valve stroke:	min. 1.0 mm max. 4.5 mm with automatic adjustment to the traversable distance of the thermostat bases to be connected
Running time:	25 s/mm
Average temperature:	max. 100 °C
Protection type:	IP 43, (installation in standing vertical position)
Dimensions:	W x H x D 46 x 87 x 60 mm

Cover plate of cable branch 0274 ...
Cable branch insert 0400 00 → Page 293.
Door or window contact/VdS 0953 .. → Page 570.

	Order no.	Packing unit	PS



Thermal valve drive 230 V~

	1122 00	1/5	06

Thermal valve drive for actuation of thermostat valves for single-room control in conjunction with a floor heater, radiator or convection heater. Easy installation via attachment of the valve drive to the valve adapter. The valve adapter enables adaptation to the many different valve lower sections. The valve drive is supplied together with a Heimeier adapter.
„First-open function". The valve drive is „normally open" in the state of installation with this function, i.e. heating without electrical control of the actuator is possible in the unfinished state. During start-up, operational readiness (normally closed) is achieved via the initial stroke movement. With status indication (open or closed). Valve adapter for corner valves from Heimeier, Herb, Onda, Schlösser and Oventrop included in scope of supply.

Operating voltage:	230 V AC, 50/60 Hz
Power consumption:	approx. 2 W
Valve stroke:	3 mm
Running time:	60 s/mm
Regulating power:	90 N
Average temperature:	max. 100 °C
Connection line:	2 x 0.75 mm^2 1 m
Dimensions:	W x H x D 43 x 53 x 53 mm

KNX/EIB heating actuator, 6-gang 1018 00 → Page 493.
Valve adapters 1124 00, 1125 00, 1126 00 → Page 510.
Cover plate of cable branch 0274 ...
Cable branch insert 0400 00 → Page 293.

	Order no.	Packing unit	PS



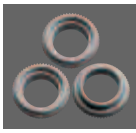
Thermal valve drive 24 V

	1123 00	1/5	06

Thermal valve drive for actuation of thermostat valves for single-room control in conjunction with a floor heater, radiator or convection heater. Easy installation via attachment of the valve drive to the valve adapter. The valve adapter enables adaptation to the many different valve lower sections. The valve drive is supplied together with a Heimeier adapter.
„First-open function". The valve drive is „normally open" in the state of installation with this function, i.e. heating without electrical control of the actuator is possible in the unfinished state. During start-up, operational readiness (normally closed) is achieved via the initial stroke movement. With status indication (open or closed). Valve adapter for corner valves from Heimeier, Herb, Onda, Schlösser and Oventrop included in scope of supply.

Operating voltage:	24 V, 0 - 60 Hz
Power consumption:	approx. 2 W
Valve stroke:	3 mm
Running time:	60 s/mm
Regulating power:	90 N
Average temperature:	max. 100 °C
Connection line:	2 x 0.75 mm^2
	1 m
Dimensions:	W x H x D 43 x 53 x 53 mm

Valve adapters 1124 00, 1125 00, 1126 00 → Page 510.
Cover plate of cable branch 0274 ...
Cable branch insert 0400 00 → Page 293.



Valve adapter for thermal valve drives 24 V / 230 V

Adapter for Dumser, Vescal, Simplex			
	1124 00	5	06
Adapter for MNG, Gazzaniga, Honeywell & Braukmann, Reich, Landis & Gyr			
	1125 00	5	06
Adapter for Danfoss RA			
	1126 00	5	06

Valve adapter for the thermal valve drive 24 V or 230 V for adaptation to the various valve lower sections.
Thermal valve drive 230 V 1122 00 → Page 509.
Thermal valve drive 24 V 1123 00 → Page 510.

KNX/EIB

	Order no.	Packing unit	PS

Accessories



Remote sensor

Remote sensor	**1493 00**	1	02

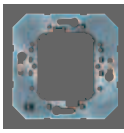
Remote sensor with 4 m supply cable (2 x 0.5 mm^2), can be extended to 50 m. Sensors in plastic cap with 7.8 mm diameter and a length of 20 mm. Install remote sensor in empty pipe in the floor.
Push button sensors 3 Plus 5142 00, 2042 .., 2043 .., 5145 00, 2046 .. → Page 431.
Continuous regulator 2100 .. → Page 445.
Object regulator 2101 .. → Page 446.
Room temperature controller 230 V~ for electrical floor heating 0394 ..



KNX/EIB connection and branch terminal

	0595 00	50	06

Product family: System accessories
Product type: Bus terminals
2-pole plug terminal (red/black) for connecting the KNX line to the flush-mounted bus coupler or installation/surface-mounted devices. Up to four lines can be connected.
Can also be used as a branch terminal in flush-mounted boxes.



Support ring

Second support ring	**1127 00**	5/25	06

If the push button sensor 2 / 2 Plus or the push button sensor 3 / 3 Plus is installed on two flush-mounted wall boxes, the support ring can be used as an additional securing aid. Including attachment screws.



Protective cover plate

black	**0015 01**	5	06

Cover plate for protecting the flush-mounted bus coupler and radio wall-transmitter insert against soiling. The protective cover plate is used, for example, when the devices are already installed prior to papering or painting the walls. The protective cover is simply pushed onto the insert.
KNX/EIB bus coupler 0570 00, 2008 00, 2009 00 → Page 474.
Radio wall transmitter insert 0511 00 → Page 543.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS

	Order no.	Packing unit	PS



Inscription space for push button sensors

transparent	**0014 01**	5/25	06
tinted	**0014 06**	5/25	06

Suitable for push button sensors from S-Color.
As a spare-part requirement or for exchange.
Push button sensor, 1-gang with inscription space 0881 .. → Page 441.
Push button sensor, 2-gang with inscription space 0882 .. → Page 441.
Push button sensor, 4-gang with inscription space 0884 .. → Page 442.
Multi-function push button sensor, 4-gang with inscription space 0885 .. → Page 442.
Light scene push button sensor, 8-gang with inscription space 0888 .. → Page 443.

Gira eNet is the new bi-directional radio system for smart networking and control of home technology. With it, lights, blinds and other functions can be operated intuitively and easily integrated in scenes.

Extensive product range
In addition to remote controls and wall transmitters, the product range includes various sensors, control devices, DRA and Mini actuators, operating top units for Gira System 2000 and the Gira blind control system, as well as a central DRA server for convenient access using diverse IP operating devices.

Convenient control at home and while away
Diverse operating devices are available to control the Gira eNet system. In addition to easily retrofitted wall transmitters, the product range encompasses remote controls in four different variants. When using the optional eNet Server, the system can also be conveniently controlled with the Gira Control Clients, on the computer and while away using smartphones and tablets.

Simple installation and start-up
eNet System installation and start-up is intuitive and easy-to-understand. Standard applications can be set using the push-button methods on the devices themselves. More complex applications can be programmed quickly, easily and conveniently using a computer and the Gira eNet Assistant. The two methods can be used in parallel and are mutually fully compatible.

Integration in the Gira radio bus system
With the Gira eNet radio transformer, Gira eNet can be used in combination with the Gira radio bus system. Therefore Gira eNet is also suitable for expanding existing Gira radio bus systems.

eNet is smart
Networking and control of the electrical installation in the building and while away.

eNet is easy to retrofit
Modern electrical installation with little effort.

eNet is installed quickly
Fast installation thanks to push button technology or software assistants.

eNet is convenient
Operation with feedback and status display thanks to bi-directional radio transmission.

eNet is energy-efficient
Consumption display and reduction due to requirement-specific use.

eNet is flexible
Convenient to take along when moving to a new home.

eNet is future-proof
Up-to-date and future-proof due to updates and compatibility to other systems.

1 Gira eNet
radio switching/momentary contact actuator, 8-gang/blind actuator, 4-gang DRA

2 Gira eNet
radio control unit 1-10V, 1-gang Mini

3 Gira eNet
radio sun sensor Solar



1



2



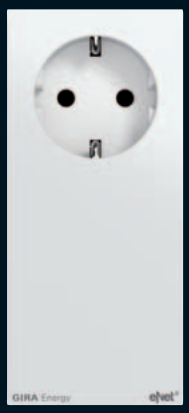
3



Gira eNet
radio wall transmitter, 3-gang,
Gira E2, pure white glossy



Gira eNet
radio remote control Multi



Gira eNet
radio energy sensor
1-gang intermediate plug



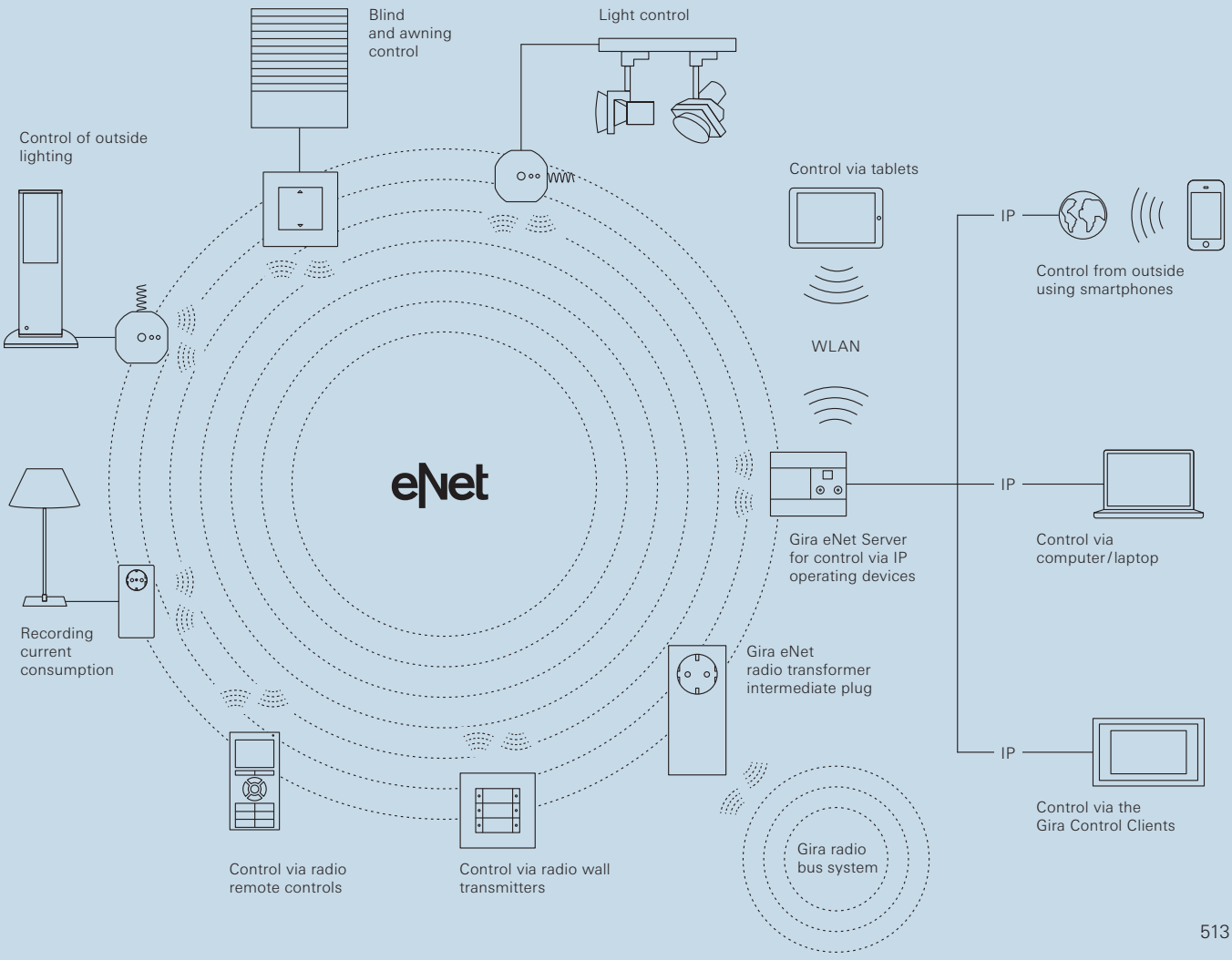
Gira eNet
Interface on the iPad

New. Gira eNet

Simple. Smart. Retrofitting electrical installation via radio.

Gira eNet

Combination options	518
System devices	522
Transmitters	523
Sensors	526
Operating top units	527
Actuators	528
Accessories	533



Remote control
Gira eNet radio remote controls enable convenient and mobile operation of home technology. For example, lights can be switched and dimmed, blinds can be controlled or scenes can be called up using large operating buttons. The Gira eNet radio remote control Multi also features a display which clearly shows all the functions. Restraints are also possible, e.g. to lock shutters on terrace doors to prevent being locked out accidentally.

Wall transmitter
Because of their flat design, Gira eNet radio wall transmitters can be affixed directly to smooth surfaces such as glass and wood. Two-colour LEDs signalise successful signal transmission and the status of the actuator. The wall transmitters are available in various colours and materials to match the Gira Standard 55, E2, Event, Esprit, ClassiX, and E22 switch ranges.

Radio operating top units
With the Gira eNet radio top units, different components from the Gira System 2000 line and the Gira blind control system can be connected to the Gira eNet.

Gira eNet repeater for larger ranges
The Gira eNet repeater receives weakened signals from assigned transmitters and transmits them again at a high signal level. Two repeaters can be switched consecutively, which ensures that all control commands reach the receiver.

Gira eNet
radio remote control

1 1-gang
2 2-gang
3 4-gang



1 2 3



5



6



7

New. Gira eNet

Remote controls, wall transmitters, radio operating top units, repeaters, eNet Server

The Gira eNet Server is the intelligent central control unit of the system. It facilitates the programming, visualisation and documentation of the Gira eNet radio system. Access to the eNet Server is possible using a wide variety of operating devices including smartphones, tablets and computers – simply per a web browser via LAN, WLAN or the Internet. Because of this, simple access to all functions is possible regardless of where you are, and the complete home technology is always in view. In combination with the Gira eNet Server, the eNet system can also be operated via the Gira Control Clients.

Gira eNet Interface
The Gira eNet Interface, which is the user interface of the Gira eNet Server, makes controlling the system child's play. Understanding the menu guidance is intuitive because all functions are available within two levels. Additional detailed information and operating elements are displayed in a pop-up window. This ensures an ideal overview and enables convenient operation using the touch screen. The Gira eNet Interface features a uniform design on all operating devices and was optimised for various display sizes.

Interface concept/design
schmitz Visuelle Kommunikation, Wuppertal

4 Gira eNet Server DRA



4

5
Gira eNet radio blind control button, 1-gang,
Gira E2, colour aluminium

6
Gira eNet radio wall transmitter, 3-gang,
Gira E2, colour aluminium

7
Gira eNet
radio remote control Multi

8
Gira eNet Interface on the Gira Control 9 Client,
glass black/aluminium

9
Gira eNet Interface
on the iPhone



8



9

DRA actuators
Using the Gira eNet radio DRA actuators, lights and blinds can be controlled centrally from a distribution cabinet. The radio signals are transmitted to the actuators via the Gira eNet radio receptor module. The separate power supply provides energy to all the eNet DRA components.

Mini actuators
Gira eNet offers a wide selection of Mini actuators for switching, dimming and controlling light and blinds. Control devices with 1-10 V or the DALI interface are also available for light control.

1 Gira eNet radio dimming actuator, 1-gang Mini

2 Gira eNet radio switching/momentary-contact actuator, 2-gang Mini

3 Gira eNet radio blind actuator, 1-gang Mini

4 Gira eNet DALI radio control unit, 1-gang Mini



1 2 3 4



7



8



9



10

Sensors
The specific consumption values of various devices can be monitored using the Gira eNet radio energy sensors. The radio sun sensor Solar enables automatic blind and light control depending on the sunlight and the temperature in the room.

Universal transmitter
A universal transmitter in Mini housing is available to integrate conventional 230 V switches in the eNet System.

5 Gira eNet
radio energy sensor,
1-gang intermediate plug

6 Gira eNet
radio energy sensor,
4-gang DRA



5



6

7
Gira eNet
radio dimming actuator
4-gang DRA

8
Gira eNet
radio switching/momentary contact actuator, 8-gang/blind actuator,
4-gang DRA

9
Gira eNet
radio dimming actuator,
1-gang DRA

10
Gira eNet
radio reception module DRA

11
Gira eNet
radio sun sensor Solar

12
Gira eNet
radio energy sensor,
1-gang Mini

13
Gira eNet
radio universal transmitter,
2-gang Mini



11

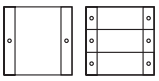
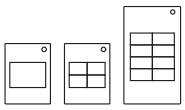
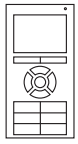
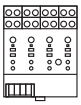
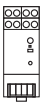
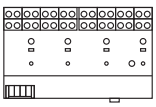


12



13

System and function overview

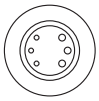
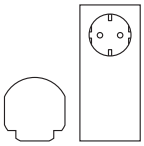
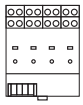
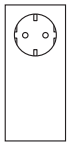
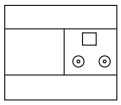
	Transmit functions	 Radio wall transmitter System 55 1-g. 5331 .. | Pg. 524 3-g. 5333 .. | Pg. 525	 Radio remote control 1-g. 5350 10 | Pg. 524 2-g. 5352 10 | Pg. 524 4-g. 5354 10 | Pg. 524	 Radio remote control Multi 5355 10 | Pg. 523
	Transmission acknowledgement	•	•	•
	Reception functions Status display	•	•	•
	**Radio switching/momentary-contact actuator, 1-gang Mini** 5423 00 | Pg. 528 **Radio switching/momentary-contact actuator, 1-gang Mini zero-voltage** 5424 00 | Pg. 528 **Radio switching/momentary-contact actuator, 2-gang Mini** 5425 00 | Pg. 528	Pressing Switching Scenes	Pressing Switching Scenes	Pressing Switching Scenes Operation lock
	**Radio blind actuator, 1-gang Mini** 5427 00 | Pg. 530	Raising/lowering Positioning Scenes	Raising/lowering Positioning Scenes	Raising/lowering Positioning Scenes Operation lock
	**Radio dimming actuator, 1-gang Mini** 5420 00 | Pg. 529	Switching Dimming Scenes	Switching Dimming Scenes	Switching Dimming Scenes Operation lock
	**Radio control unit 1-10V, 1-gang Mini** 5421 00 | Pg. 529	Switching Dimming Scenes	Switching Dimming Scenes	Switching Dimming Scenes Operation lock
	**DALI radio control unit, 1-gang Mini** 5422 00 | Pg. 530	Switching Dimming Scenes	Switching Dimming Scenes	Switching Dimming Scenes Operation lock
	**Radio switching/momentary-contact actuator, 1-gang DRA** [1) 2)] 5433 00 | Pg. 531	Pressing Switching Scenes	Pressing Switching Scenes	Pressing Switching Scenes Operation lock
	**Radio switching/momentary-contact actuator, 8-gang/blind actuator, 4-gang DRA** [1) 2)] 5435 00 | Pg. 531	Switching/pressing Raising/lowering Positioning	Switching/pressing Raising/lowering Positioning	Switching/pressing Raising/lowering Positioning Scenes/operation lock
	**Radio blind actuator 1-gang DRA** [1) 2)] 5437 00 | Pg. 533	Raising/lowering Positioning Scenes	Raising/lowering Positioning Scenes	Raising/lowering Positioning Scenes Operation lock
	**Radio dimming actuator, 1-gang DRA** [1) 2)] 5430 00 | Pg. 532 **Radio dimming actuator, 4-gang DRA** [1) 2)] 5431 00 | Pg. 532	Switching Dimming Scenes	Switching Dimming Scenes	Switching Dimming Scenes Operation lock

[1)] Required for power supply: power supply 12 V DC/2 A DRA (5319 00).
Supplies an eNet Server or an eNet radio reception module DRA and up to 30 other DRA components.

[2)] Requires an eNet Server DRA (5301 00) or an eNet radio reception module DRA (5452 00) to receive radio telegrams.
An eNet Server or eNet radio reception module DRA can supply radio signals to up to 30 DRA components.

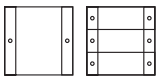
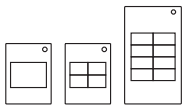
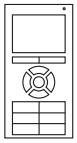
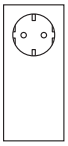
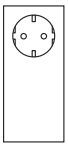
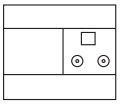
[3)] The following radio bus products are not supported: radio controller (0358 18), radio presence detector (0318 xx), radio room temperature sensor (1186 xx), radio motor valve drive (1187 00).

[4)] Only possible in eNet system, not through to the radio bus system.

	 **Radio universal transmitter, 2-gang Mini** 5453 00 | Pg. 525	 **Radio sun sensor Solar** 5461 02 | Pg. 526	 **Radio energy sensor, 1-gang Mini** 5471 00 | Pg. 526 **Radio energy sensor, 1-gang intermediate plug** 5472 02 | Pg. 526	 **DRA radio energy sensor, 4-gang** 5473 00 | Pg. 526	 **Radio transformer intermediate plug** [3] 5323 02 | Pg. 523	 **DRA server** 5301 00 | Pg. 522
	•				• [4]	•
	•					•
	Pressing Switching Scenes	Scenes			Pressing Switching Scenes	Programming Visualising + operating Parameter setting Logic and time clock functions
	Raising/lowering Positioning Scenes	Positioning			Raising/lowering Positioning Scenes	Programming Visualising + operating Parameter setting Logic and time clock functions
	Switching Dimming Scenes	Scenes			Switching Dimming Scenes	Programming Visualising + operating Parameter setting Logic and time clock functions
	Switching Dimming Scenes	Scenes			Switching Dimming Scenes	Programming Visualising + operating Parameter setting Logic and time clock functions
	Switching Dimming Scenes	Scenes			Switching Dimming Scenes	Programming Visualising + operating Parameter setting Logic and time clock functions
	Pressing Switching Scenes	Scenes			Pressing Switching Scenes	Programming Visualising + operating Parameter setting Logic and time clock functions
	Switching/pressing Raising/lowering Positioning	Positioning Scenes			Switching/pressing Raising/lowering Positioning Scenes	Programming Visualising + operating Parameter setting Logic and time clock functions
	Raising/lowering Positioning Scenes	Positioning			Raising/lowering Positioning Scenes	Programming Visualising + operating Parameter setting Logic and time clock functions
	Switching Dimming Scenes	Scenes			Switching Dimming Scenes	Programming Visualising + operating Parameter setting Logic and time clock functions

Continued on next page

System and function overview

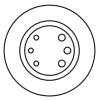
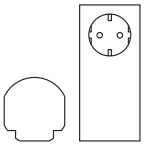
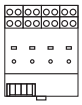
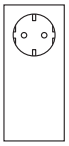
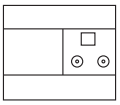
	Transmit functions	 Radio wall transmitter System 55 1-g. 5331 .. | Pg. 524 3-g. 5333 .. | Pg. 525	 Radio remote controls 1-g. 5350 10 | Pg. 524 2-g. 5352 10 | Pg. 524 4-g. 5354 10 | Pg. 524	 Radio remote control Multi 5355 10 | Pg. 523
	Transmission acknowledgement	•	•	•
	Reception functions Status display	•	•	•
	**Radio switching/dimming top unit, 1-gang System 2000** 5490 .. | Pg. 527	Switching Dimming Scenes	Switching Dimming Scenes	Switching Dimming Scenes Operation lock
	**Radio blind control button, 1-gang** 5491 .. | Pg. 527	Raising/lowering Positioning Scenes	Raising/lowering Positioning Scenes	Raising/lowering Positioning Scenes Operation lock
	**Radio repeater intermediate plug** 5321 02 | Pg. 523	Telegram repetition	Telegram repetition	Telegram repetition
	**Radio transformer intermediate plug** [3] 5323 02 | Pg. 523	Operating radio bus system	Operating radio bus system	Operating radio bus system
	**DRA server** [1] 5301 00 | Pg. 522	Programming Visualising Parameter setting	Programming Visualising Parameter setting	Programming Visualising Parameter setting

[1] Required for power supply: power supply 12 V DC/2 A DRA (5319 00).
Supplies an eNet Server or an eNet radio reception module DRA and up to 30 other DRA components.

[2] Requires an eNet Server DRA (5301 00) or an eNet radio reception module DRA (5452 00) to receive radio telegrams.
An eNet Server or eNet radio reception module DRA can supply radio signals to up to 30 DRA components.

[3] The following radio bus products are not supported: radio controller (0358 18), radio presence detector (0318 xx), radio room temperature sensor (1186 xx), radio motor valve drive (1187 00).

[4] Only possible in eNet system, not through to the radio bus system.

	 **Radio universal transmitter, 2-gang Mini** 5453 00 | Pg. 525	 **Radio sun sensor Solar** 5461 02 | Pg. 526	 **Radio energy sensor, 1-gang Mini** 5471 00 | Pg. 526 **Radio energy sensor, 1-gang intermediate plug** 5472 02 | Pg. 526	 **DRA radio energy sensor, 4-gang** 5473 00 | Pg. 526	 **Radio transformer intermediate plug** [3] 5323 02 | Pg. 523	 **DRA server** 5301 00 | Pg. 522
	•				• [4]	•
	•					•
	Switching Dimming Scenes	Scenes			Switching Dimming Scenes	Programming Visualising + operating Parameter setting Logic and time clock functions
	Raising / lowering Positioning Scenes	Positioning			Raising / lowering Positioning Scenes	Programming Visualising + operating Parameter setting Logic and time clock functions
	Telegram repetition	Telegram repetition	Telegram repetition	Telegram repetition	Telegram repetition	Programming Parameter setting Telegram repetition
	Operating radio bus system					Programming [4] Operating Parameter setting [4] Controlling radio bus system
	Programming Visualising Parameter setting	Programming	Programming Visualising Parameter setting Energy management functions	Programming Visualising Parameter setting Energy management functions	Further processing of signals from the radio bus system	

	Order no.	Packing unit	PS

System devices



eNet
DRA server

DRA	**5301 00**	1	02

New. Available starting May 2013.

The radio license is valid for EU and EFTA countries.

The eNet DRA server enables the start-up, diagnosis, maintenance, visualisation and operation of eNet installations. A wide variety of operating devices can be connected to the server via LAN, WLAN, e.g. smartphones, tablets, Gira Control 9, Gira Control 19 or PC/laptop. A plug-in power supply unit is included in the scope of supply for mobile use of the eNet server. The power supply **5319 00** is required for power supply when installed. Installation on top-hat rail.

- Radio transmitter and receiver for eNet DRA devices
- Internal eNet radio and WLAN antenna
- External eNet radio and WLAN antennas can be connected
- Functions: Switching/pressing, dimming, blinds
- Occupied-home simulation, energy management, scenes, links, time clocks
- Update and configuration of eNet devices, diagnosis functions, system scan

Start-up

Start-up of the DRA server is via web interface. For start-up via web interface, the start-up computer must have a current browser (e.g. Mozilla Firefox, Microsoft Internet Explorer, Safari, Chrome).

Rated voltage:	12 V DC
Power consumption:	max. 6 W operation max. 2 W Standby
Temperature range:	-5 °C to +45 °C
IP communication	
LAN:	Ethernet 10/100 Mbit
WLAN:	2.4 GHz, IEEE 802.11g
IP connections:	max. 8
eNet communication	
Radio frequency:	868.3 MHz
Range:	approx. 100 m (free field)
data cable:	J-Y(St)Y 2x2x0.8
length of the data cable:	max. 3 m
Number of DRA modules:	max. 30
Dimensions:	DRA device, 6 depth module

Power supply 5319 00 → Page 522.
eNet additional radio antenna 5307 00 → Page 533.
eNet additional WLAN antenna 5308 00 → Page 533.

	Order no.	Packing unit	PS



eNet
Radio DRA reception module

DRA	**5452 00**	1	02

New. Available starting May 2013.

The radio license is valid for EU and EFTA countries.

The eNet radio reception module is a radio receiver for eNet radio series installation modules.

- Operation with power supply
- Integrated antenna
- External antenna can be connected additionally in unfavourable installation conditions

Rated voltage:	12 V DC
Temperature range:	-5 °C to +45 °C
Radio frequency:	868.3 MHz
Range:	approx. 100 m (free field)
data cable:	J-Y(St)Y 2x2x0.8
length of the data cable:	max. 3 m
Dimensions:	DRA device, 2 depth module

Power supply 5319 00 → Page 522.
eNet additional radio antenna 5307 00 → Page 533.

i 88



Power supply12 V DC / 2 A DRA

	5319 00	1	02

New. Available starting May 2013.

Power supply 12 V DC for the eNet server, eNet radio reception module and external camera.

Primary rated voltage:	100 to 240 V AC, 50/60 Hz
Secondary rated voltage:	12 to 14 V DC
Secondary rated current:	2 A
Leakage current:	max. 250 µA
Temperature range:	-10 °C to +50 °C
Dimensions:	DRA device, 2 depth module

eNet DRA server 5301 00 → Page 522.
eNet radio reception module 5452 00 → Page 522.
External camera 1220 00 → Page 377.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



eNet
Radio transformer ZS

pure white	**5323 02**	1	02

New. Available starting May 2013.

The radio license is valid for EU and EFTA countries.

The eNet radio transformer establishes a connection between the eNet and Gira radio bus system. Control of eNet actuators via radio bus system transmitters or control of radio bus system actuators via eNet transmitters. Installation in SCHUKO socket outlet in indoor areas.

- Reception of radio bus commands and conversion to eNet commands
- Reception of eNet commands and conversion to radio bus commands
- 24 transmitter channels from the two systems can be connected
- 7 scenes from the two systems can be called up

The following radio products are **not** supported: Radio controller 0358 18, radio presence detector 0318 .., radio room temperature sensor with clock 1186 .., radio motor valve drive 1187 00

Rated voltage:	230 V AC, 50/60 Hz
Power consumption:	< 1 W
Temperature range:	-5 °C to +45 °C
Radio frequency:	868.3 MHz 433.42 MHz
Range:	approx. 100 m (free field)
Dimensions:	W x H x D 55 x 125 x 30 mm

Controllable transmitters from the radio bus system: 0412 00, 0441 00, 0511 00, 0521 00, 0527 00, 1111 100, 1113 100, 2251 .., 2252 .., 2254 .., 2256 .. → Page 542.



eNet
Radio repeater ZS

pure white	**5321 02**	1	02

New. Available starting June 2013.

The radio license is valid for EU and EFTA countries.

The radio repeater receives eNet radio telegrams and resends them, which allows the range and thus the work area to be expanded. The radio repeater can either repeat all the radio telegrams it receives or only those from certain eNet devices. A maximum of two repeaters can be switched consecutively.

Rated voltage:	230 V AC, 50/60 Hz
Temperature range:	-5 °C to +45 °C
Radio frequency:	868.3 MHz
Range:	approx. 100 m (free field)
Dimensions:	W x H x D 55 x 125 x 30 mm

	Order no.	Packing unit	PS

Transmitter



eNet
Radio remote control Multi

anthracite	**5355 10**	1	02

New. Available starting May 2013.

The radio license is valid for EU and EFTA countries.

The eNet radio remote control Multi transfers switching, dimming, and blind adjustment commands to corresponding eNet radio receivers.

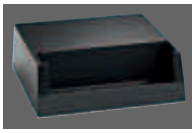
- LCD display for user guidance
- Two control buttons preassigned with All-On/All-Off
- Navigation pad with centre OK button
- Three pairs of buttons which are freely configurable
- Additional status display via status LED
- Wake-up function with acceleration sensor
- Favourites can be organised in lists
- Switch-on brightness can be changed using dimming actuators
- Channel designations can be input freely
- Operating language German/English
- Batteries charged via Micro USB charging interface

Can be set with eNet server:

- Device software update
- Signalling of the transmission status can be switched off
- Master dimming function can be programmed
- All-On/All-Off scenes, threshold value scenes and individual scenes can be programmed

Power supply:	3.6 V DC
Battery:	Lithium LIR 2477
Temperature range:	-5 °C to +45 °C
Radio frequency:	868.3 MHz
Range:	approx. 100 m (free field)

Charger for eNet radio remote control Multi 5358 10 → Page 523.



Charger for eNet radio remote control Multi

anthracite	**5358 10**	1	02

New. Available starting May 2013.

Charger for the eNet radio remote control Multi **5355 10**.

eNet radio remote control Multi 5355 10 → Page 523.

	Order no.	Packing unit	PS



eNet
Radio remote control, 4-gang

anthracite	**5354 10**	1	02

New. Available starting May 2013.

The radio license is valid for EU and EFTA countries.

The eNet radio remote control transfers switching, dimming, and blind adjustment commands to corresponding eNet radio receivers.

- Two buttons belong to each channel
- Button pairs can each be set as channel or scene function
- Status LED
- Battery-operated device

Can be set with eNet server

- Device software update
- Signalling of the transmission status can be switched off
- Master dimming function can be programmed
- All-On/All-Off scenes, threshold value scenes and individual scenes can be programmed

Power supply:	3 V DC
Batteries:	1 x CR 2450N
Temperature range:	-5 °C to +45 °C
Radio frequency:	868.3 MHz
Range:	approx. 100 m (free field)



eNet
Radio remote control, 2-gang

anthracite	**5352 10**	1	02

New. Available starting May 2013.

The radio license is valid for EU and EFTA countries.

The eNet radio remote control transfers switching, dimming, and blind adjustment commands to corresponding eNet radio receivers.

- Two buttons belong to each channel
- Button pairs can each be set as channel or scene function
- Status LED
- Battery-operated device

Can be set with eNet server

- Device software update
- Signalling of the transmission status can be switched off
- Master dimming function can be programmed
- All-On/All-Off scenes, threshold value scenes and individual scenes can be programmed

Power supply:	3 V DC
Batteries:	1 x CR 2450N
Temperature range:	-5 °C to +45 °C
Radio frequency:	868.3 MHz
Range:	approx. 100 m (free field)

	Order no.	Packing unit	PS



eNet
Radio remote control, 1-gang

anthracite	**5350 10**	1	02

New. Available starting May 2013.

The radio license is valid for EU and EFTA countries.

The eNet radio remote control transfers switching, dimming, and blind adjustment commands to corresponding eNet radio receivers.

- One button for one channel
- Status LED
- Battery-operated device

Power supply:	3 V DC
Batteries:	1 x CR 2450N
Temperature range:	-5 °C to +45 °C
Radio frequency:	868.3 MHz
Range:	approx. 100 m (free field)



eNet
Radio wall transmitter, 1-gang

System 55			
clear/pure white glossy	**5331 100**	1/5	02
System 55/E22			
Start-up rocker			
	5331 00	1/5	02

New. Available starting May 2013.

The radio license is valid for EU and EFTA countries.

The eNet radio wall transmitter transfers switching, dimming, blind adjustment and scene commands to corresponding eNet radio receivers. Simple expansion of existing switch combinations. The installation can be carried out without a surface-mounted housing or flush-mounted wall box. The radio wall transmitter can be attached to walls with screws or glued onto smooth or transparent surfaces with the base plate **5339 00**.

- Transmission of switching, dimming, blind adjustment and scene commands
- Rocker can be set as channel or scene function
- Two-colour LEDs on the right and left of the buttons for signalling
- Battery-operated device

Can be set with eNet server:

- Device software update
- Signalling of the transmission status can be switched off
- Master dimming function can be programmed
- All-On/All-Off scenes, threshold value scenes and individual scenes can be programmed

The radio wall transmitter 5331 00 is supplied with a neutral start-up rocker. The suitable rocker set for the switch range must be ordered separately. The range can be reduced when using a real metal rocker set and/or real metal cover frame.

Power supply:	3 V DC
Batteries:	1 x CR 2450N
Temperature range:	-5 °C to +45 °C
Radio frequency:	868.3 MHz
Range:	approx. 100 m (free field)

Base plate set for eNet radio wall transmitter 5339 00 → Page 525.
Rocker set 1-gang System 55 2131 .. → Page 50.
Rocker set 1-gang E22 and Stainless Steel 2131 .. → Page 147.
Inscription sheets 1090 00 → Page 295.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



eNet
Radio wall transmitter, 3-gang

System 55			
	5333 100	1/5	02
System 55/E22 **Start-up rocker**			
	5333 00	1	02

New. Available starting May 2013.

The radio license is valid for EU and EFTA countries.

The eNet radio wall transmitter transfers switching, dimming, blind adjustment and scene commands to corresponding eNet radio receivers. Simple expansion of existing switch combinations. The installation can be carried out without a surface-mounted housing or flush-mounted wall box. The radio wall transmitter can be attached to walls with screws or glued onto smooth or transparent surfaces with the base plate **5339 00**.

- Transmission of switching, dimming, blind adjustment and scene commands
- Rocker can be set as channel or scene function
- Two-colour LEDs on the right and left of the buttons for signalling
- Battery-operated device

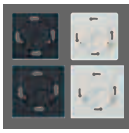
Can be set with eNet server:

- Device software update
- Signalling of the transmission status can be switched off
- Master dimming function can be programmed
- All-On/All-Off scenes, threshold value scenes and individual scenes can be programmed

The radio wall transmitter 5333 00 is supplied with a neutral start-up rocker. The suitable rocker set for the switch range must be ordered separately. The range can be reduced when using a real metal rocker set and/or real metal cover frame.

Power supply:	3 V DC
Batteries:	1 x CR 2450N
Temperature range:	-5 °C to +45 °C
Radio frequency:	868.3 MHz
Range:	approx. 100 m (free field)

Base plate set for eNet radio wall transmitter 5339 00 → Page 525.
Rocker set 3-gang System 55 2133 .. → Page 50.
Rocker set 3-gang E22 and Stainless Steel 2133 .. → Page 147.
Inscription sheets 1090 00 → Page 295.



Base plate set for eNet radio wall transmitter System 55

System 55			
Three plates	**5339 00**	1	02

New. Available starting May 2013.

Base plate set for cover frame System 55 and E22. The base plates serve as adapter plates for attaching the radio wall transmitter to smooth or transparent surfaces, e.g. glass panes. The base plate affords a visually pleasing closure on the back.
Can be broken off, and thus also suitable for multiple combinations or for mounting in flush-mounted wall boxes.

eNet radio wall transmitter, 1-gang 5331 .. → Page 524.
eNet radio wall transmitter, 3-gang 5333 .. → Page 525.

	Order no.	Packing unit	PS



eNet radio universal transmitter, 2-gang Mini

	5453 00	1	02

New. Available starting May 2013.

The radio license is valid for EU and EFTA countries.

The eNet radio transmission universal transmitter enables the transmission of switching, dimming or blind commands to suitable eNet radio receivers. Installation in device box, surface-mounted housing or in installation adapter **5429 00**.

- Detection of voltage levels and changes at input
- Connection of an external status LED
- Display of transmission status

Operating modes:

- 1-gang switching/dimming
- 1-gang blinds
- 2-gang switching/dimming
- 2-gang switching/pressing

Can be set with eNet server:

- Scenes
- 2-gang blinds
- Repeater function
- Release/block operation
- Release/block connections
- Scene number
- Status for restraint

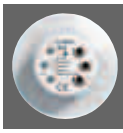
Rated voltage:	AC 110 V to 230 V, 50/60 Hz
Temperature range:	-5 °C to +45 °C
Radio frequency:	868.3 MHz
Range:	approx. 100 m (free field)
Dimensions:	∅ x H 52 x 23 mm

Rocker switch insert with separate signal contact 0152 00 → Page 276.
LED illumination insert 230 V~ 0497 07, 0497 08, 0497 10, 0497 18 → Page 290.
Installation adapter Mini housing 5429 00 → Page 533.

i 83

	Order no.	Packing unit	PS

Sensors



eNet
Radio sun sensor Solar

pure white	**5461 02**	1	02

New. Available starting May 2013.
The radio license is valid for EU and EFTA countries.
eNet radio sun sensor for control of eNet actuators depending on the brightness. Installation on a window pane in indoor areas.
- Solar-powered device
- Brightness measurement using solar cell
- Triggering of scenes when the set solar protection and twilight value are exceeded or fallen below
- Temperature-dependent solar protection possible. Scene (shading) is not triggered until a set temperature value is exceeded.
- Scene buttons for solar protection and twilight

Brightness:	4,000 to 80,000 lux
Twilight:	12 to 4000 lux
Temperature setting:	+15 to +40 °C
Radio frequency:	868.3 MHz
Range:	approx. 100 m (free field)
Dimensions:	∅ x H 75 x 30 mm



eNet
Radio energy sensor, 1-gang ZS

pure white	**5472 02**	1	02

New. Available starting May 2013.
The radio license is valid for EU and EFTA countries.
The eNet radio energy sensor enables the radio transmission of voltage, electricity and energy values to the eNet server **5301 00**. It is inserted as an intermediate plug into a 230 V~ socket outlet indoors.
- Recording of electricity and voltage of the connected device
- Calculation of effective output, reactive power, apparent power and active electrical energy
- Event-controlled or time-controlled transmission of measurement value messages to the eNet server
- Time synchronisation with the eNet server

Rated voltage:	230 V AC, 50/60 Hz
Rated current:	16 A (I_L)
Temperature range:	-5 °C to +45 °C
Measurement range:	0 mA to 16 A Electricity 0 to 3680 W Electrical power 0 to 99999 kWh Energy consumption
Range:	approx. 100 m (free field)
Radio frequency:	868.3 MHz
Dimensions:	W x H x D 55 x 125 x 30 mm

eNet DRA server 5301 00 → Page 522.

	Order no.	Packing unit	PS



eNet
Radio energy sensor, 1-gang Mini

	5471 00	1	02

New. Available starting May 2013.
The radio license is valid for EU and EFTA countries.
The radio energy sensor Mini enables the radio transmission of voltage, electricity and energy values to the eNet server **5301 00**. Installation in device box, surface-mounted housing or in installation adapter **5429 00**.
- Recording of electricity and voltage of the connected device
- Calculation of effective output, reactive power, apparent power and active electrical energy
- Event-controlled or time-controlled transmission of measurement value messages to the eNet server
- Time synchronisation with the eNet server

Rated voltage:	230 V AC, 50/60 Hz
Rated current:	16 A
Temperature range:	-5 °C to +45 °C
Measurement range:	0 mA to 16 A Electricity 0 to 3680 W Electrical power 0 to 99999 kWh Energy consumption
Range:	approx. 100 m (free field)
Radio frequency:	868.3 MHz
Dimensions:	∅ x H 53 x 23 mm

eNet DRA server 5301 00 → Page 522.
Installation adapter Mini housing 5429 00 → Page 533.



eNet
DRA radio energy sensor, 4-gang

	5473 00	1	02

New. Available starting May 2013.
The radio license is valid for EU and EFTA countries.
The radio energy sensor, 4-gang enables the transmission of voltage, electricity and energy values to the eNet server **5301 00**.
- Recording of electricity and voltage of the connected device
- Calculation of effective output, reactive power, apparent power and active electrical energy
- Event-controlled or time-controlled transmission of measurement value messages to the eNet server
- Time synchronisation with the eNet server

Rated voltage:	230 V AC, 50/60 Hz
Rated current:	16 A
Temperature range:	-5 °C to +45 °C
Measurement range:	0 mA to 16 A Electricity 0 to 3680 W Electrical power 0 to 99999 kWh Energy consumption
Range:	approx. 100 m (free field)
Radio frequency:	868.3 MHz
Dimensions:	DRA device, 4 depth modules

eNet DRA server 5301 00 → Page 522.

The delivery results subject to countries specific assortments.

Operating top units



eNet
Radio switching/dimming top unit, 1-gang

	Order no.	Packing unit	PS
System 55			
cream white glossy	**5490 01**	1	02
pure white glossy	**5490 03**	1	02
pure white matt	**5490 27**	1	02
anthracite	**5490 28**	1	02
colour aluminium	**5490 26**	1	02
Bronze	**5490 603**	1	02
Brass	**5490 604**	1	02
E22			
Stainless Steel	**5490 20**	1	02
Aluminium	**5490 203**	1	02
pure white glossy	**5490 03**	1	02
Gira F100			
cream white glossy	**5490 111**	1	02
pure white glossy	**5490 112**	1	02

New. Available starting May 2013.

The radio license is valid for EU and EFTA countries.

The eNet radio switching/dimming top unit enables manual and radio-controlled operation of System 2000 switching and dimming inserts. Operation is not possible on System 2000 auxiliary inserts.

- Evaluation of auxiliary units
- Scene operation
- Status feedback to eNet radio transmitter
- Status display of the switching state via LED
- Switch-on brightness can be saved in combination with flush-mounted dimming insert

Can be set with eNet server:

- Maximum/minimum brightness
- Dimming speed
- Delay time
- Switch on/off delay
- Dimming ramp up/down
- Switch-off pre-warning
- Operation locks
- Permanent-on, Permanent-off
- Hotel function
- Light control
- Status LED can be switched off
- Device software update

Temperature range: -5 °C to +45 °C
Radio frequency: 868.3 MHz
Range: approx. 100 m (free field)

System 2000 dimmer inserts 0305 00, 0331 00, 0860 00 → Page 278.
System 2000 switch inserts 0303 00, 0853 00, 0854 00, 0866 00, 1148 00 → Page 280.
For integration in Stainless Steel Series 20, Series 21: Intermediate plate 55 x 55 mm 0289 20 → Page 168.



eNet
Radio blind control button, 1-gang

	Order no.	Packing unit	PS
System 55			
cream white glossy	**5491 01**	1	02
pure white glossy	**5491 03**	1	02
pure white matt	**5491 27**	1	02
anthracite	**5491 28**	1	02
colour aluminium	**5491 26**	1	02
Bronze	**5491 603**	1	02
Brass	**5491 604**	1	02
E22			
Stainless Steel	**5491 20**	1	02
Aluminium	**5491 203**	1	02
pure white glossy	**5491 03**	1	02
Gira F100			
cream white glossy	**5491 111**	1	02
pure white glossy	**5491 112**	1	02

New. Available starting May 2013.

The radio license is valid for EU and EFTA countries.

The eNet radio blind control button enables manual or radio-controlled operation of an insert for blind control.

- Positioning of blinds and slats using scene call-up
- Threshold value scenes for solar protection, twilight and wind alarms
- Status feedback to eNet radio transmitter

Can be set with eNet server:

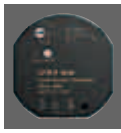
- Hanging period
- Slat adjustment time
- Adjustment time when changing directions
- Lock-out protection
- Position for solar protection, twilight, lock-out protection and wind alarms
- Operation locks
- Device software update

Temperature range: -5 °C to +45 °C
Radio frequency: 868.3 MHz
Range: approx. 100 m (free field)

Blind controller insert 0388 00, 0398 000, 0399 00 → Page 308.
For integration in Stainless Steel Series 20, Series 21: Intermediate plate 55 x 55 mm 0289 20 → Page 168.

	Order no.	Packing unit	PS

Actuators



eNet
Radio switching/momentary-contact actuator, 1-gang Mini

	5423 00	1	02
Zero-voltage			
	5424 00	1	02

New. Available starting May 2013.

The radio license is valid for EU and EFTA countries.

The eNet radio switching/momentary-contact actuator enables switching of lighting. Installation in device box, surface-mounted housing or in installation adapter **5429 00**.

- Switching lighting
- Operating modes: switching actuator or momentary-contact actuator
- Status feedback to eNet radio transmitter
- Scene operation
- Operating mode buttons: Relay contact stays closed as long as telegrams are being received (max. 60 seconds)

Can be set with eNet server:

- Blinking function
- Delay time
- Switch on/off delay
- Switch-off pre-warning
- Minimum switching repeat time
- Operation locks
- Permanent-on, permanent-off
- Device software update
- Repeater function

Rated voltage:	230 V AC, 50/60 Hz
Standby power:	max. 0.5 W
Temperature range:	-25 °C to +70 °C
Switching capacity	
AC 230 V:	16 A/AC 1
Connected load:	2300 W light bulbs 1500 W HV halogen 1000 VA LV halogen, wound transformer 1500 W LV halogen, Gira Tronic transformer 920 VA fluorescent lamps, uncompensated 690 VA (560 µF) capacitive load
Radio frequency:	868.3 MHz
Range:	approx. 100 m (free field)
Dimensions:	∅ x H 53 x 28 mm

Installation adapter Mini housing 5429 00 → Page 533. i 85

	Order no.	Packing unit	PS



eNet
Radio switching/momentary-contact actuator, 2-gang Mini

	5425 00	1	02

New. Available starting May 2013.

The radio license is valid for EU and EFTA countries.

The eNet radio switching/momentary-contact actuator enables switching of lighting and motors. Installation in device box, surface-mounted housing or in installation adapter **5429 00**.

- Switching lighting and motors
- Operating modes: switching actuator or momentary-contact actuator for both outputs
- Status feedback to eNet radio transmitter
- Scene operation
- Operating mode buttons: Relay contact stays closed as long as telegrams are being received (max. 60 seconds)

Can be set with eNet server:

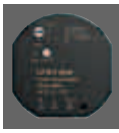
- Blinking function
- Delay time
- Switch on/off delay
- Switch-off pre-warning
- Minimum switching repeat time
- Operation locks
- Permanent-on, permanent-off
- Device software update
- Repeater function

Rated voltage:	230 V AC, 50/60 Hz
Standby power:	max. 0.5 W
Temperature range:	-25 °C to +70 °C
Switching capacity	
AC 230 V:	16 A/AC 1
Connected load:	2300 W light bulbs 1500 W HV halogen 1000 VA LV halogen, wound transformer 1500 W LV halogen, Gira Tronic transformer 920 VA fluorescent lamps, uncompensated 450 W motors 690 VA (560 µF) capacitive load
Radio frequency:	868.3 MHz
Range:	approx. 100 m (free field)
Dimensions:	∅ x H 53 x 28 mm

Installation adapter Mini housing 5429 00 → Page 533. i 86

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



eNet
Radio dimming actuator, 1-gang Mini

20 – 250 W/VA

5420 00	1	02

New. Available starting May 2013.

The radio license is valid for EU and EFTA countries.

The eNet radio dimming actuator enables switching and dimming of various electrical loads. Installation in device box, surface-mounted housing or in installation adapter **5429 00**.

- Switching and dimming of light bulbs, HV halogen lamps, Tronic transformers with halogen lamps, dimmable inductive transformers with halogen or LED lamps, HV LED and compact fluorescent lamps.
- Switch-on with soft start
- Switch-on and minimum brightness can be saved for each output
- Scene operation
- Status display with LED
- Status feedback to eNet radio sensors
- Short-circuit and excess-temperature protection
- Automatic or manual setting of dimming behaviour

Can be set with eNet server:

- Maximum brightness
- Dimming behaviour
- Dimming speed
- Delay time
- Switch on/off delay
- Dimming ramp up/down
- Switch-off pre-warning
- Operation locks
- Permanent-on, permanent-off
- Hotel function
- Light control
- Device software update
- Repeater function

Rated voltage:	230 V AC, 50/60 Hz
Power loss:	max. 1.5 W
Standby power:	max. 0.5 W
Temperature range:	-25 °C to +70 °C
Connected load:	20 to 250 W light bulbs 20 to 250 W HV halogen 20 to 250 W LV halogen, Gira Tronic transformer 20 to 250 VA LV halogen, wound transformer typ. 7 up to 70 W, LED lamps typ. 7 up to 70 W, compact fluorescent lamp
Radio frequency:	868.3 MHz
Range:	approx. 100 m (free field)
Dimensions:	∅ x H 53 x 28 mm

Installation adapter Mini housing 5429 00 → Page 533.
Universal power booster 1035 00 → Page 289.
Tronic power booster 0380 00 → Page 289.
LV power booster 0364 00 → Page 290.

i 85

	Order no.	Packing unit	PS



eNet
Radio control unit 1 – 10 V, 1-gang Mini

5421 00	1	02

New. Available starting May 2013.

The radio license is valid for EU and EFTA countries.

The eNet radio control unit enables the switching and brightness setting of lights with1-10 V interface. Installation in device box, surface-mounted housing or in installation adapter **5429 00**.

- Switch-on and maximum brightness can be saved
- Scene operation
- Status display of the 1-10 V devices via LED
- Status feedback to eNet radio transmitter

Can be set with eNet server:

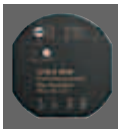
- Maximum brightness
- Dimming speed
- Delay time
- Switch on/off delay
- Dimming ramp up/down
- Switch-off pre-warning
- Operation locks
- Permanent-on, Permanent-off
- Hotel function
- Light control
- Device software update
- Repeater function

Rated voltage:	230 V AC, 50/60 Hz
Standby power:	max. 0.5 W
Temperature range:	-25 °C to +70 °C
Control current:	max. 50 mA
switching current:	6 A ohmic 3 AX fluorescent lamps
Connected load:	1380 W ohmic load 690 VA (560 µF)
Radio frequency:	868.3 MHz
Range:	approx. 100 m (free field)
Dimensions:	∅ x H 53 x 28 mm

Installation adapter Mini housing 5429 00 → Page 533.

i 87

	Order no.	Packing unit	PS



eNet
DALI radio control unit, 1-gang Mini

	5422 00	1	02

New. Available starting May 2013.

The radio license is valid for EU and EFTA countries.

The eNet DALI radio control unit enables the switching and brightness setting of DALI lights. Installation in device box, surface-mounted housing or in installation adapter **5429 00**.

- DALI supply for a maximum of 12 devices
- Parallel switching of up to 6 DALI radio control unit Mini to supply up to 72 devices
- Switch-on and minimum brightness can be saved
- Scene operation
- Status feedback to eNet radio transmitter
- Short-circuit and excess-temperature protection

Can be set with eNet server:

- Maximum brightness
- Dimming speed
- Delay time
- Switch on/off delay
- Dimming ramp up/down
- Switch-off pre-warning
- Operation locks
- Permanent-on, permanent-off
- Hotel function
- Light control
- Device software update
- Repeater function

Rated voltage:	230 V AC, 50/60 Hz
Power consumption:	max. 2 W
Temperature range:	-25 °C to +70 °C
DALI rated voltage:	DC 16 V
Output current:	max. 24 mA
Radio frequency:	868.3 MHz
Range:	approx. 100 m (free field)
Dimensions:	∅ x H 53 x 28 mm

Installation adapter Mini housing 5429 00 → Page 533. i 87

	Order no.	Packing unit	PS



eNet
Radio blind actuator, 1-gang Mini

	5427 00	1	02

New. Available starting May 2013.

The radio license is valid for EU and EFTA countries.

The eNet radio blind actuator enables the control of electrically operated hangings, such as blinds, shutters or awnings. Installation in device box, surface-mounted housing or in installation adapter **5429 00**.

- Positioning of blinds and slats using scene call-up
- Threshold value scenes for solar protection, twilight and wind alarms
- Status feedback to eNet radio transmitter
- Hanging period can be saved
- Slat adjustment time can be saved

Can be set with eNet server:

- Adjustment time when changing directions
- Lock-out protection
- Motion direction can be inverted (e.g. for roof windows)
- Operation locks
- Position for solar protection, twilight, lock-out protection and wind alarms
- Behaviour after mains power failure
- Device software update
- Repeater function

Rated voltage:	230 V AC, 50/60 Hz
Standby power:	max. 0.5 W
Temperature range:	-25 °C to +70 °C
Connected load:	1000 W motors
Radio frequency:	868.3 MHz
Range:	approx. 100 m (free field)
Dimensions:	∅ x H 53 x 28 mm

Installation adapter Mini housing 5429 00 → Page 533. i 86

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



eNet
DRA radio switching/momentary-contact actuator, 1-gang

DRA	**5433 00**	1	02

New. Available starting May 2013.

The radio license is valid for EU and EFTA countries.

The eNet radio switching/momentary-contact actuator receives telegrams for switching lighting from the eNet radio reception module **5452 00** or eNet server **5301 00** via a data line.

- Switching lighting
- Operating modes: switching actuator or momentary-contact actuator
- Status feedback to eNet radio transmitter
- Scene operation
- Operating mode buttons: Relay contact stays closed as long as telegrams are being received (max. 60 seconds)

Can be set with eNet server:

- Blinking function
- Delay time
- Switch on/off delay
- Switch-off pre-warning
- Minimum switching repeat time
- Operation locks
- Permanent-on, permanent-off
- Device software update

Rated voltage:	230 V AC, 50/60 Hz
Standby power:	max. 0.2 W
Temperature range:	-5 °C to +45 °C
Switching capacity	
AC 230 V:	16 A/AC 1
Connected load:	2300 W light bulbs 1500 W HV halogen 1000 VA LV halogen, wound transformer 1500 W LV halogen, Gira Tronic transformer 920 VA fluorescent lamps, uncompensated 690 VA (560 µF) capacitive load
Dimensions:	DRA device, 2 depth module

eNet DRA radio reception module 5452 00 → Page 522.
eNet DRA server 5301 00 → Page 522.

i 88

	Order no.	Packing unit	PS



eNet
Radio switching/momentary-contact actuator, 8-gang / blind actuator, 4-gang DRA

DRA	**5435 00**	1	02

New. Available starting May 2013.

The radio license is valid for EU and EFTA countries.

The eNet radio switching/momentary-contact/blind actuator receives telegrams for switching lighting or controlling electrically-operated hangings from the eNet radio reception module **5452 00** or eNet server **5301 00** via a data line. In doing so, two outputs are each operated in the same mode (switching, pressing, blind or shutter).

- Switching of lighting or single-phase fan motors
- Control of electrically operated hangings, such as blinds, shutters or awnings
- Operating modes: switching actuator, momentary-contact actuator can be set for a single output; a blind actuator, shutter actuator can be set for a pair of outputs
- Status feedback to eNet radio transmitter
- Scene operation
- Operating mode buttons: Relay contact stays closed as long as telegrams are being received (max. 60 seconds)
- Positioning of blinds and slats using scene call-up
- Threshold value scenes for solar protection, twilight and wind alarms
- Hanging period can be saved
- Slat adjustment time can be saved

Can be set with eNet server:

- Blinking function
- Delay time
- Switch on/off delay
- Switch-off pre-warning
- Minimum switching repeat time
- Operation locks
- Permanent-on, permanent-off
- Adjustment time when changing directions
- Lock-out protection
- Motion direction can be inverted (e.g. for roof windows)
- Position for solar protection, twilight, lock-out protection and wind alarms
- Device software update

Rated voltage:	230 V AC, 50/60 Hz
Standby power:	max. 0.5 W
Temperature range:	-5 °C to +45 °C
Switching capacity	
AC 230 V:	16 A/AC 1
Connected load:	2300 W light bulbs 1500 W HV halogen 1000 VA LV halogen, wound transformer 1500 W LV halogen, Gira Tronic transformer 920 VA fluorescent lamps, uncompensated 690 VA (560 µF) capacitive load 1000 W motors
Dimensions:	DRA device, 4 depth modules

eNet DRA radio reception module 5452 00 → Page 522.
eNet DRA server 5301 00 → Page 522.

i 90

	Order no.	Packing unit	PS



eNet
DRA radio dimming actuator, 1-gang

20 – 500 W/VA

DRA	**5430 00**	1	02

New. Available starting May 2013.

The radio license is valid for EU and EFTA countries.

The eNet radio dimming actuator receives telegrams for switching and dimming various electrical loads from the eNet radio reception module **5452 00** or eNet server **5301 00** via a data line.

- Switching and dimming of light bulbs, HV halogen lamps, Tronic transformers with halogen lamps, dimmable inductive transformers with halogen or LED lamps, HV LED and compact fluorescent lamps
- Switch-on with soft start
- Switch-on and minimum brightness can be saved
- Scene operation
- Status display with LED
- Status feedback to eNet radio sensors
- Short-circuit and excess-temperature protection
- Automatic or manual setting of dimming behaviour

Can be set with eNet server:

- Maximum brightness
- Dimming behaviour
- Dimming speed
- Delay time
- Switch on/off delay
- Dimming ramp up/down
- Switch-off pre-warning
- Operation locks
- Permanent-on, permanent-off
- Hotel function
- Light control
- Device software update

Rated voltage:	230 V AC, 50/60 Hz
Power loss:	max. 4 W
Standby power:	max. 0.3 W
Temperature range:	-5 °C to +45 °C
Connected load:	20 to 500 W light bulbs 20 to 500 W HV halogen 20 to 500 W LV halogen, Gira Tronic transformer 20 to 500 VA LV halogen, wound transformer typ. 7 up to 100 W, LED lamps typ. 7 up to 100 W, compact fluorescent lamp
Dimensions:	DRA device, 2 depth module

eNet DRA radio reception module 5452 00 → Page 522.
eNet DRA server 5301 00 → Page 522.
Universal power booster 1035 00 → Page 289.
Tronic power booster 0380 00 → Page 289.
LV power booster 0364 00 → Page 290.

i 89

	Order no.	Packing unit	PS



eNet
DRA radio dimming actuator, 4-gang

4 x 250 W/VA

DRA	**5431 00**	1	02

New. Available starting May 2013.

The radio license is valid for EU and EFTA countries.

The eNet radio dimming actuator receives telegrams for switching and dimming various electrical loads from the eNet radio reception module **5452 00** or eNet server **5301 00** via a data line.

- Switching and dimming of light bulbs, HV halogen lamps, Tronic transformers with halogen lamps, dimmable inductive transformers with halogen or LED lamps, HV LED and compact fluorescent lamps
- Switch-on with soft start
- Switch-on and minimum brightness can be saved for each output
- Scene operation
- Status display of the outputs with LED
- Status feedback to eNet radio sensors
- Parallel switching of several outputs to a load of 950 W
- Short-circuit and excess-temperature protection
- Automatic or manual setting of dimming behaviour

Can be set with eNet server:

- Maximum brightness
- Dimming behaviour
- Dimming speed
- Delay time
- Switch on/off delay
- Dimming ramp up/down
- Switch-off pre-warning
- Operation locks
- Permanent-on, permanent-off
- Hotel function
- Light control
- Device software update

Rated voltage:	230 V AC, 50/60 Hz
Power loss:	max. 8 W
Standby power per output:	max. 0.3 W
Temperature range:	-5 °C to +45 °C
Connected load per output:	20 to 250 W light bulbs 20 to 250 W HV halogen 20 to 250 W LV halogen, Gira Tronic transformer 20 to 250 VA LV halogen, wound transformer typ. 7 up to 50 W, LED lamps typ. 7 up to 50 W, compact fluorescent lamp
Parallel switched outputs:	Load outputs to max. 95 % (max. 950 W at 230 V~, 50/60 Hz)
Dimensions:	DRA device, 8 depth module

eNet DRA radio reception module 5452 00 → Page 522.
eNet DRA server 5301 00 → Page 522.
Universal power booster 1035 00 → Page 289.
Tronic power booster 0380 00 → Page 289.
LV power booster 0364 00 → Page 290.

i 89

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



eNet
Radio blind actuator, 1-gang DRA

DRA	**5437 00**	1	02

New. Available starting May 2013.

The radio license is valid for EU and EFTA countries.

The eNet radio blind actuator receives telegrams for controlling electrically-operated hangings, e.g. blinds, shutters or awnings, from the eNet radio reception module **5452 00** or eNet server **5301 00** via a data line.

- Positioning of blinds and slats using scene call-up
- Threshold value scenes for solar protection, twilight and wind alarms
- Status feedback to eNet radio transmitter
- Hanging period can be saved
- Slat adjustment time can be saved

Can be set with eNet server:

- Adjustment time when changing directions
- Lock-out protection
- Motion direction can be inverted (e.g. for roof windows)
- Operation locks
- Position for solar protection, twilight, lock-out protection and wind alarms
- Device software update

Rated voltage:	230 V AC, 50/60 Hz
Standby power:	max. 0.2 W
Temperature range:	-5 °C to +45 °C
Connected load:	1000 W motors
Dimensions:	DRA device, 2 depth module

eNet DRA radio reception module 5452 00 → Page 522.
eNet DRA server 5301 00 → Page 522.

	Order no.	Packing unit	PS

Accessories



eNet
Radio diagnosis device

5304 00	1	02

New. Available starting June 2013.

The radio license is valid for EU and EFTA countries.

eNet radio reception can be tested using the radio diagnosis device.

- Display red/green LED

Power supply:	3 V DC
Batteries:	1 x CR 2450N
Temperature range:	-5 °C to +45 °C
Radio frequency:	868.3 MHz
Range:	approx. 100 m (free field)



Installation adapter Mini housing

5429 00	1	02

New. Available starting June 2013.

Surface-mounted housing for the eNet Mini actuators and transmitters. For installation in intermediate ceilings, on the wall or on top-hat rails.

eNet radio universal transmitter, 2-gang Mini 5453 00 → Page 525.
eNet radio energy sensor, 1-gang Mini 5471 00 → Page 526.
eNet radio switching/momentary-contact actuator, 1-gang Mini 5423 00, 5424 00 → Page 528.
eNet radio switching/momentary-contact actuator, 2-gang Mini 5425 00 → Page 528.
eNet radio dimming actuator, 1-gang Mini 5420 00 → Page 529.
eNet radio control unit 1 – 10 V, 1-gang Mini 5421 00 → Page 529.
eNet DALI radio control unit, 1-gang Mini 5422 00 → Page 530.
eNet radio blind actuator, 1-gang Mini 5427 00 → Page 530.



Additional radio antenna

5307 00	1	02

New. Available starting May 2013.

External antenna for the eNet DRA radio reception module **5452 00** and eNet DRA server**5301 00** in unfavourable installation conditions (e.g. metal distribution cabinet).

eNet DRA radio reception module 5452 00 → Page 522.
eNet DRA server 5301 00 → Page 522.



Additional WLAN antenna

5308 00	1	02

New. Available starting May 2013.

The radio license is valid for EU and EFTA countries.

External antenna for the eNet DRA server **5301 00** in unfavourable installation conditions (e.g. metal distribution cabinet).

eNet DRA server 5301 00 → Page 522.

With the Gira radio bus system, the present electrical installation in existing buildings can be modernised quickly, cleanly and economically. A broad spectrum of state-of-the-art control options can be installed simply via radio without dirt and noise – whether it's in single or multi-family homes, small commercial facilities or installation covering various functions.

The Gira radio bus system makes it easy to realise individually adapted light scene management, central blind control, room temperature control or security functions like a panic function and smoke alarm devices – all without an infrastructure.

The transmission of signals between the components of the Gira radio bus system occurs via radio, i.e. there is no need for control lines. When installed subsequently, the system is mounted easier and faster than any cable-bound installation and can even be taken along when you move.

Battery-powered sensors offer a high degree of flexibility, as they can be installed exactly where they are needed, even if a 230 V line is not available.

Stepping into the world of technology is easy. Neither training nor software is needed to install the Gira radio bus system.

New. **Expansion option with Gira eNet**
The Gira radio bus system can now also be expanded with components from the new Gira eNet system. Only the Gira eNet radio transformer, a socket outlet adapter to translate the various radio protocols, is required for this purpose.

Advantages
Ideal for retrofitting in existing buildings

Easy, quick, clean and quiet installation

Attractive price/performance ratio

Highly flexible – can easily be modified at a later date

Extremely easy installation without software or training

The radio KNX transformer establishes an interface to the KNX system

Product information
www.download.gira.com



1



2


3

1
Radio room temperature sensor with clock

2
Radio wall transmitter, flat design, transparent white, Gira E2, colour aluminium

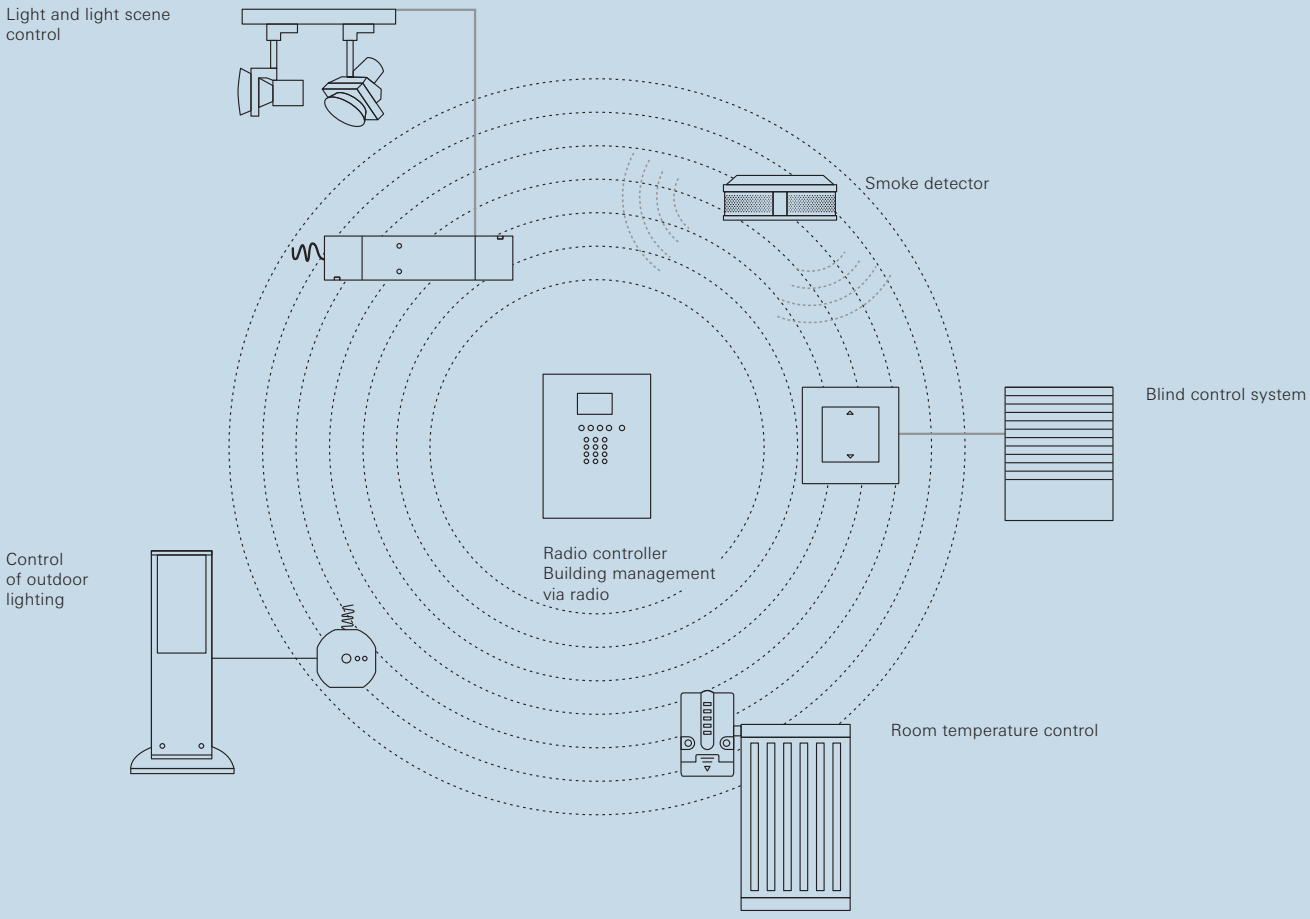
3
Radio automatic control switch Gira E2, colour aluminium

Gira radio bus system

Gira radio bus system

Combination options	536
Transmitters/receivers	540
Transmitters	542
Cover plates for wall transmitter insert	550
Receivers	552
Combination	563
Gateway	563
Accessories	563

The radio controller acts as a central operating device with which the radio bus components can be addressed and interconnected. In addition, the functions can also be operated with decentralised sensors.

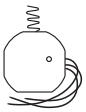
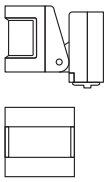


System and function overview

Radio receiver	Radio controller 0358 18 | Pg. 540	Radio remote control Comfort 0527 00 | Pg. 542 Remote control Mini 0412 00 | Pg. 542	Radio wall transmitter, flat design System 55 1-g. 1111 100 | Pg. 543 3-g. 1113 100 | Pg. 545 F100 1-g. 2251 .. | Pg. 544 2-g. 2252 .. | Pg. 544 4-g. 2254 .. | Pg. 545	Radio wall transmitter insert 0511 00 | Pg. 543 for push button sensor 2 1-g. 1011 .. | Pg. 550 2-g. 1012 .. | Pg. 550 3-g. 1013 .. | Pg. 551 for push button sensor with inscription space 1-g. 0881 .. | Pg. 551 2-g. 0882 .. | Pg. 551 4-g. 0884 .. | Pg. 551
Controller 0358 18 | Pg. 540		Switching/ Dimming/ Raising/lowering Temperature control	Switching/ Dimming/ Raising/lowering Temperature control	Switching/ Dimming/ Raising/lowering Temperature control
DRA reception module 1133 00 | Pg. 560 with **momentary-contact act., 1-g.** 1132 00 | Pg. 560 **switch. act., 1-g.** 1134 00 | Pg. 560 **switch. act., 4-g.** 1155 00 | Pg. 561	Switching	Switching	Switching	Switching
DRA reception module 1133 00 | Pg. 560 with **universal dimming actuator** 1135 00 | Pg. 561 **Control unit 1–10 V** 1137 00 | Pg. 562	Switching Dimming	Switching Dimming	Switching Dimming	Switching Dimming
DRA reception module 1133 00 | Pg. 560 with **radio blind actuator**[1] 1136 00 | Pg. 561	Raising/lowering	Raising/lowering	Raising/lowering	Raising/lowering
Radio momentary-contact actuator Mini 0565 00 | Pg. 552	Pressing	Pressing	Pressing	Pressing
Radio momentary-contact actuator Mini 0413 00 | Pg. 552 **Radio switching actuator Mini, 2-channel** 0424 00 | Pg. 553	Switching	Switching	Switching	Switching
Radio switching actuator EB 0404 00 | Pg. 553	Switching	Switching	Switching	Switching
Radio socket-outlet adapter for switching 0401 .. | Pg. 558	Switching	Switching	Switching	Switching
Radio socket-outlet adapter for dimming 1185 .. | Pg. 559	Switching Dimming	Switching Dimming	Switching Dimming	Switching Dimming
Radio universal dimmer 315 W 0809 00 | Pg. 557	Switching Dimming	Switching Dimming	Switching Dimming	Switching Dimming
Radio universal dimmer Mini 2255 00 | Pg. 556	Switching Dimming	Switching Dimming	Switching Dimming	Switching Dimming

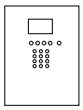
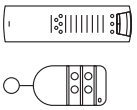
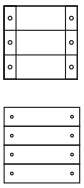
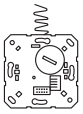
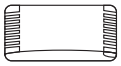
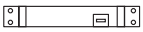
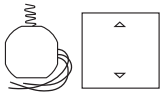
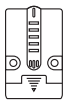
[1] Blind control system, Page 304

The radio bus system can be expanded with eNet components using the eNet radio transformer intermediate plug (Order No. 5323 02 | Pg. 523).

	 **Radio module for smoke alarm device Dual/VdS** 2341 00 | Pg. 541	 **Radio universal transmitter 2** 0521 00 | Pg. 546	 **Radio multi-function transmitter, 4-gang** 0441 00 | Pg. 546	 **Radio observer 180/16** 0826 02 | Pg. 547 **Radio automatic control switch** 1306 .. | Pg. 547	 **Radio presence detector** 0318 .. | Pg. 547	 **Radio room temperature sensor with clock** 1186 .. | Pg. 548	 **Radio window contact** 2256 .. | Pg. 549
		Switching/ Dimming/ Raising/lowering Temperature control	Switching/ Dimming/ Raising/lowering Temperature control	Switching Temperature levels	Switching Temperature levels	Temperature control	
	Switching on	Switching	Switching	Switching	Switching		Switching
	Switching on	Switching Dimming	Switching Dimming	Switching	Switching Constant light control		Switching
	Raising	Raising/lowering	Raising/lowering				
	Pressing	Pressing	Pressing	Pressing	Pressing		Pressing
	Switching on	Switching	Switching	Switching	Switching		Switching
	Switching on	Switching	Switching	Switching	Switching		Switching
	Switching on	Switching	Switching	Switching	Switching		Switching
	Switching on	Switching Dimming	Switching Dimming	Switching	Switching Constant light control		Switching
	Switching on	Switching Dimming	Switching Dimming	Switching	Switching Constant light control		Switching
	Switching on	Switching Dimming	Switching Dimming	Switching	Switching Constant light control		Switching

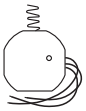
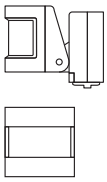
Continued on next page

System and function overview

Radio transmitter / Radio receiver	 **Radio controller** 0358 18 | Pg. 540	 **Radio remote control Comfort** 0527 00 | Pg. 542 **Remote control Mini** 0412 00 | Pg. 542	 **Radio wall transmitter, flat design** **System 55** 1-g. 1111 100 | Pg. 543 3-g. 1113 100 | Pg. 545 **F100** 1-g. 2251 .. | Pg. 544 2-g. 2252 .. | Pg. 544 4-g. 2254 .. | Pg. 545	 **Radio wall transmitter insert** 0511 00 | Pg. 543 **for push button sensor 2** 1-g. 1011 .. | Pg. 550 2-g. 1012 .. | Pg. 550 3-g. 1013 .. | Pg. 551 **for push button sensor with inscription space** 1-g. 0881 .. | Pg. 551 2-g. 0882 .. | Pg. 551 4-g. 0884 .. | Pg. 551
 **Radio universal cord dimmer** 0335 01 | Pg. 557	Switching Dimming	Switching Dimming	Switching Dimming	Switching Dimming
 **Radio top unit for switching and dimming**[2] 0543 .. | Pg. 554	Switching Dimming	Switching Dimming	Switching Dimming	Switching Dimming
 **Radio control device 1 – 10 V** 0865 00 | Pg. 558	Switching Dimming	Switching Dimming	Switching Dimming	Switching Dimming
 **Radio power section surface-mounted** 0843 02 | Pg. 559		Switching	Switching	Switching
 **Blind actuator Mini**[1] 0425 00 | S. 554 **Radio blind control button with sensor evaluation**[1] 0545 .. | Pg. 555	Raising/lowering	Raising/lowering	Raising/lowering	Raising/lowering
 **Radio module for smoke alarm device Dual/VdS** 2341 00 | Pg. 541		Muting	Muting	Muting
 **Radio motor valve drive** 1187 00 | Pg. 562	Temperature control			
 **Radio repeater for greater ranges** 0867 00 | Pg. 563	Telegram repetition	Telegram repetition	Telegram repetition	Telegram repetition
 **Radio KNX transformer** (for transition to Gira KNX system)[3] 0868 00 | Pg. 563		Switching Dimming Raising/lowering	Switching Dimming Raising/lowering	Switching Dimming Raising/lowering

[1] Blind control system, Page 304
[2] System 2000, Page 278
[3] Gira KNX system, Page 416

The radio bus system can be expanded with eNet components using the eNet radio transformer intermediate plug (Order No. 5323 02 | Pg. 523).

	 **Radio module for smoke alarm device Dual/VdS** 2341 00 | Pg. 541	 **Radio universal transmitter 2** 0521 00 | Pg. 546	 **Radio multi-function transmitter, 4-gang** 0441 00 | Pg. 546	 **Radio observer 180/16** 0826 02 | Pg. 547 **Radio automatic control switch** 1306 .. | Pg. 548	 **Radio presence detector** 0318 .. | Pg. 547	 **Radio room temperature sensor with clock** 1186 .. | Pg. 548	 **Radio window contact** 2256 .. | Pg. 549
	Switching on	Switching Dimming	Switching Dimming	Switching	Switching Constant light control		Switching
	Switching on	Switching Dimming	Switching Dimming	Switching	Switching Constant light control		Switching
	Switching on	Switching Dimming	Switching Dimming	Switching	Switching Constant light control		Switching
	Switching on	Switching	Switching	Switching	Switching		Switching
	Raising	Raising/lowering	Raising/lowering				
	Smoke alarm	Muting	Muting				
						Temperature control	
		Telegram repetition	Telegram repetition	Telegram repetition	Telegram repetition		Telegram repetition
		Switching Dimming Raising/lowering	Switching Dimming Raising/lowering	Switching			

	Order no.	Packing unit	PS

Transmitter/Receiver



Radio controller

Glass mint	**0358 18**	1	02
Additional master card (replacement)	**1131 00**	1	02

Radio controller for surface-mounted or flush-mounted installation and for integration in the modular function profile.
The radio controller functions as the central control and operation unit for transmitting and receiving radio telegrams. It enables time-controlled, wireless and securely installed remote control of the various radio receivers. The user-specific programs and settings can be saved to the supplied chipcard. The various radio bus components can be organised in freely-definable groups, e.g. rooms. Easy commissioning via battery power is possible.
The device is installed either in the mounting frame **1251 04**, **1252 04** or in the modular function profile **1371 00**, **1372 00**, **1373 00**.

- Switching, dimming, blind control.
- Time delay switch with DCF 77 receiver.
- Logical links to time and switching functions.
- Occupied-house simulations.
- All-On/Off, light scenes or scenarios such as arriving/departing.
- Temperature-based single-room control. The radio controller specifies the temperature values via time-controlled programs, links or in the manual mode.
  Holidays: A temperature value is permanently set for a certain period (1 to 31 days).
  Frost protection: Temperature value that cannot be overwritten by any other setpoint (e.g. by a time-controlled program).
  Party: On activation, a temperature value is permanently set for a certain time (1, 2, 3 or 4 hours).
  Expansion of the arrival/departure function for temperature control.
- Child-safety via number code.
- Favourites buttons can be set by customers.
- Quick execution of functions with the number buttons.
- Entry of freely definable names for transmitters and receivers.
- Menu control via function buttons.
- Integrated buzzer.
- Function expansion through software update possible.

Please observe the planning information in the technical appendix.

	Order no.	Packing unit	PS

Power supply:	230 V AC, 50/60 Hz
Batteries:	5 x 1.5 V Micro LR03 (AAA) alkaline (not included in the scope of supply; only required for commissioning)
Transmission frequency:	433.42 MHz
Range:	approx. 100 m (free field)
Dimensions:	W x H x D 182 x 240 x 52 mm
Temperature range:	0 °C to +40 °C

Controllable transmitter:
0318 .., 0412 00, 0441 00, 0511 00, 0521 00, 0527 00, 0826 02, 1111 .., 1113 .., 1186 .., 1306 .., 2251 .., 2252 .., 2254 .., 2256 .. → Page 542.

Controllable receiver:
0335 01, 0401 .., 0404 00, 0413 00, 0424 00, 0425 00, 0543 .., 0545 .., 0565 00, 0809 00, 0865 00, 1133 00, 1185 .., 1187 00, 2255 00 → Page 552.
Radio repeater 0867 00 → Page 563.

Mounting:
Mounting frames, surface-mounted 1251 04, flush-mounted 1252 04 → Page 540.
Modular function profile, installation profile 1371 00, 1372 00, 1373 00 → Page 245.

i 71

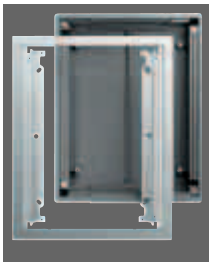


Surface-mounted mounting frame

	1251 04	1	02

Mounting frames made of shatter-proof thermoplastic for surface-mounted installation of individual modules from the modular function profile system. Using the mounting frames, the modules can be installed individually on the wall. It is also possible to combine several mounting frames with one another.
Dimensions:

Without module:	W x H x D 176 x 246 x 52 mm
With module:	W x H x D 182 x 246 x 52 mm



Flush-mounted mounting frame with device box

	1252 04	1	02

Mounting frames made of diecast zinc with a device box of shatter-proof thermoplastic for flush-mounted installation of individual modules from modular function profile system. Using the flush-mounted mounting frames, the modules can be installed individually both in hollow walls and in masonry. It is also possible to combine several mounting frames horizontally or vertically with one another.
Installation dimensions: W x H x D 194 x 252 x 64 mm

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Radio module for smoke detector Dual/VdS

	2341 00	1	03

Radio module for the wireless connection of smoke alarm devices Dual/VdS. If one smoke alarm device detects a fire, all assigned smoke alarm devices sound the alarm.
The radio module is plugged in at the interface of the smoke alarm device Dual/VdS. As the networking terminals of the smoke alarm device can still be used with the module attached, wire-networked lines can be set up which are then networked via radio.
Due to the compatibility to the radio bus system, radio actuators can be controlled via an alarm signal. This can be used for example to switch on the light or run up blinds in the case of an alarm.
With a radio hand-held or wall transmitter, the smoke alarm device can be muted following an alarm for approx. 10 minutes. If another networked smoke alarm device triggers an alarm during this time, e.g. via the 2-wire cable or radio transmission, the smoke alarm device outputs an alarm despite muting.
Note:
Regardless of the type of networking (wired, radio module, relay module), a maximum of 40 smoke alarm devices can be combined.
Please observe the planning information in the technical appendix.

Transmission frequency:	433.42 MHz
Range:	100 m (free field)
Power supply:	From the battery of the modular smoke detector/VdS

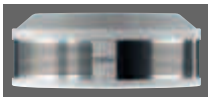
Controllable receiver (only switches on):
0335 01, 0401 .., 0404 00, 0413 00, 0424 00, 0543 .., 0565 00, 0809 00, 0843 02, 0865 00, 1133 00, 1185 .., 2255 00 → Page 552.

Controllable receiver (only runs up):
0425 00, 0545 .. → Page 554.

Transmitter for muting:
0412 00, 0441 00, 0511 00, 0521 00, 0527 00, 1111 .., 1113 .., 2251 .., 2252 .., 2254 .. → Page 542.

Modular smoke detector/VdS 1141 .. → Page 567.
Smoke alarm device Dual/VdS 230 V 2334 02 → Page 568.

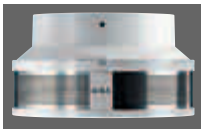
	Order no.	Packing unit	PS



Smoke alarm device Dual/VdS

pure white glossy	**2330 02**	1	03

Radio module for smoke detector dual/VdS (muting) 2341 00 → Page 541.
Relay module for smoke detector dual/VdS 2340 00 → Page 569.
230 V base for smoke alarm device Dual/VdS 2331 02 → Page 567.
Set of spacer sleeves / screws 2342 02 → Page 569.



Smoke alarm device Dual/VdS incl. 230 V base

pure white glossy	**2334 02**	1	03

Radio module for smoke detector dual/VdS (muting) 2341 00 → Page 541.
Relay module for smoke detector dual/VdS 2340 00 → Page 569.
Set of spacer sleeves / screws 2342 02 → Page 569.

	Order no.	Packing unit	PS

Transmitter



Comfort radio remote control

	0527 00	1	02

The Comfort radio remote control enables cordless control of devices. The Comfort radio remote control has the following operating elements:

- Three group buttons (A, B, C) with accompanying group LED
- Channel buttons (1 to 8)
- All ON button
- All OFF button
- Five light-scene buttons (1 to 5)
- Master button

Any number of radio receivers can be assigned to a channel of the radio remote control.
Three groups (A, B and C) with eight channels each, for switching, dimming and blind, are available, i.e. 24 radio channels can be operated separately.
Up to five light scenes can be called up with the Comfort radio remote control.
Data of the light scene are saved in the radio receiver.
A light scene can be switched/dimmed with the master button.
Please observe the planning information in the technical appendix.

Power supply:	6 V DC
Batteries:	Four micro alkaline (LR 03) (not included in scope of supply)
Transmission frequency:	433.42 MHz
Range:	approx. 100 m (free field)
Dimensions:	L x W x H 192 x 53 x 23 mm
Temperature range:	0 °C to +55 °C

Radio controller 0358 18 → Page 540.
Controllable receiver:
0335 01, 0401 .., 0404 00, 0413 00, 0424 00, 0425 00, 0543 .., 0545 .., 0565 00, 0809 00, 0843 02, 0865 00, 1133 00, 1185 .., 2255 00 → Page 552.
Radio module for smoke detector dual/VdS (muting only) 2341 00 → Page 541.
Radio repeater 0867 00 → Page 563.
Radio KNX/EIB converter 0868 00 → Page 563.
eNet radio transformer ZS 5323 02 → Page 523.

	Order no.	Packing unit	PS



Mini radio remote control

	0412 00	1	02

The Mini radio remote control enables cordless control of devices. With its compact design it can be carried at all times. It transmits a radio telegram when actuated. The radio hand-held transmitter has 4 operating buttons with which 2 radio channels can be controlled. Any number of radio receivers can be assigned to a channel of the radio remote control.

- Eye for attaching radio remote control to key ring.
- Transmission activity is indicated by a red LED.
- Discharge protection, i.e. if a button is pressed for longer than 13 s the Mini radio remote control automatically switches off.

Please observe the planning information in the technical appendix.

Power supply:	3 V DC
Battery:	1 x Lithium round cell (CR 2032) (batteries included in the scope of supply are consumables and must be replaced regularly)
Transmission frequency:	433.42 MHz
Range:	Typically 30 m (free field)
Dimensions:	L x W x H 73 x 40 x 19 mm
Temperature range:	0 °C to +55 °C

Radio controller 0358 18 → Page 540.
Controllable receiver:
0335 01, 0401 .., 0404 00, 0413 00, 0424 00, 0425 00, 0543 .., 0545 .., 0565 00, 0809 00, 0843 02, 0865 00, 1133 00, 1185 .., 2255 00 → Page 552.
Radio module for smoke detector dual/VdS (muting only) 2341 00 → Page 541.
Radio repeater 0867 00 → Page 563.
Radio KNX/EIB converter 0868 00 → Page 563.
eNet radio transformer ZS 5323 02 → Page 523.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Radio wall transmitter insert

Radio wall transmitter	**0511 00**	1/5	02

The radio wall transmitter insert enables cordless, yet securely installed remote control of the radio receiver.
The radio wall transmitter can only be operated in combination with the Gira push button sensors (1-gang, 2-gang, 3-gang or 4-gang).
The connection is made via a 10-pole connector strip (AST).
The number of radio channels depends on the push button sensor used (e.g. 1-gang push button sensor => 1 channel radio wall transmitter).
The function of the attached push button sensor is determined with a 4-gang micro-switch.
It sends the following radio telegrams depending on the setting:
· max. four radio channels (1 to 4) or
· max. five light scenes (1 to 5) and All OFF
The wall transmitter is installed in flush-mounted wall boxes or flat surface-mounted cover frames, each with screw attachment.
Please observe the planning information in the technical appendix.

Power supply:	6 V DC
Batteries:	2 x Lithium round cell (CR 2032) (batteries included in the scope of supply are consumables and must be replaced regularly)
Transmission frequency:	433.42 MHz
Range:	approx. 100 m (free field)
Temperature range:	0 °C to +55 °C

Top units:
Push button sensor 2, 1011 .., 1012 .., 1013 .. → Page 550.
Push button sensor with inscription space 0881 .., 0882 .., 0884 .. → Page 551.

Radio controller 0358 18 → Page 540.
Controllable receiver:
0335 01, 0401 .., 0404 00, 0413 00, 0424 00, 0425 00, 0543 .., 0545 .., 0565 00, 0809 00, 0843 02, 0865 00, 1133 00, 1185 .., 2255 00 → Page 552.
Radio module for smoke detector dual/VdS (muting only) 2341 00 → Page 541.
Radio repeater 0867 00 → Page 563.
Radio KNX/EIB converter 0868 00 → Page 563.
eNet radio transformer ZS 5323 02 → Page 523.

Installation:
Surface-mounted housing, flat design (E2, Event Esprit) 0219 .. → Page 73.
Surface-mounted housing, flat design (Standard 55) 0219 .. → Page 73.

	Order no.	Packing unit	PS



Radio wall transmitter, flat design, 1-gang with inscription space

System 55

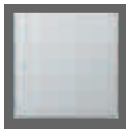
clear/pure white glossy	**1111 100**	1/5	02

The radio wall transmitter, flat design, enables a wireless but permanently installed remote control of the radio receiver. It can be integrated in all **non-metallic** System 55/E22 cover frames. Simple expansion of existing switch combinations. The installation can be carried out without a surface-mounted housing or flush-mounted wall box. The radio wall transmitter can be attached to walls with screws or glued onto smooth or transparent surfaces with a base plate **1110 00**. A 3-gang microswitch is used to specify the function of the wall transmitter. Sends following radio telegrams depending on setting:
· one radio channel or
· one light scene and All OFF
Please observe the planning information in the technical appendix.

Power supply:	3 V DC
Battery:	1 x Lithium round cell (CR 2032) (batteries included in the scope of supply are consumables and must be replaced regularly)
Transmission frequency:	433.42 MHz
Range:	Typically 30 m (free field)
Temperature range:	0 °C to +55 °C

Radio controller 0358 18 → Page 540.
Controllable receiver:
0335 01, 0401 .., 0404 00, 0413 00, 0424 00, 0425 00, 0543 .., 0545 .., 0565 00, 0809 00, 0843 02, 0865 00, 1133 00, 1185 .., 2255 00 → Page 552.
Radio module for smoke detector dual/VdS (muting only) 2341 00 → Page 541.
Radio repeater 0867 00 → Page 563.
Radio KNX/EIB converter 0868 00 → Page 563.
eNet radio transformer ZS 5323 02 → Page 523.

Installation:
Base plate for System 55 radio wall transmitter 1110 00 → Page 545.
Fits in all non-metallic cover frames
Standard 55, E2, Event, Esprit from System 55.
Inscription sheets 1090 00 → Page 295.



Radio wall transmitter, flat design, 1-gang

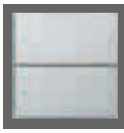
	Order no.	Packing unit	PS
Gira F100			
cream white glossy	**2251 111**	1	02
pure white glossy	**2251 112**	1	02

The radio wall transmitter, flat design, enables a wireless but permanently installed remote control of the radio receiver. The installation can be carried out without surface-mounted or flush-mounted wall box, enabling simple expansion of existing switch combinations.
The radio wall transmitter can be attached to walls with screws or glued onto smooth or transparent surfaces with the related base plate (included in scope of supply). Blue LEDs are used to signal an actuation. Large-area inscription space (69 x 67 mm). A microswitch is used to specify the function of the wall transmitter. Sends following radio telegrams depending on setting:
- one radio channel or
- one light scene and All OFF

Please observe the planning information in the technical appendix.
Professional labelling with the Gira Inscription Service **www.marking.gira.com**.

Power supply:	3 V DC
Battery:	1 x Lithium round cell (CR 2032) (batteries included in the scope of supply are consumables and must be replaced regularly)
Transmission frequency:	433.42 MHz
Range:	approx. 100 m (free field)
Temperature range:	0 °C to +55 °C

Radio controller 0358 18 → Page 540.
Controllable receiver:
0335 01, 0401 .., 0404 00, 0413 00, 0424 00, 0425 00, 0543 .., 0545 .., 0565 00, 0809 00, 0843 02, 0865 00, 1133 00, 1185 .., 2255 00 → Page 552.
Radio module for smoke detector dual/VdS (muting only) 2341 00 → Page 541.
Radio repeater 0867 00 → Page 563.
Radio KNX/EIB converter 0868 00 → Page 563.
eNet radio transformer ZS 5323 02 → Page 523.
Inscription sheets 2871 .. → Page 295.



Radio wall transmitter, flat design, 2-gang

	Order no.	Packing unit	PS
Gira F100			
cream white glossy	**2252 111**	1	02
pure white glossy	**2252 112**	1	02

The radio wall transmitter, flat design, enables a wireless but permanently installed remote control of the radio receiver. The installation can be carried out without surface-mounted or flush-mounted wall box, enabling simple expansion of existing switch combinations.
The radio wall transmitter can be attached to walls with screws or glued onto smooth or transparent surfaces with the related base plate (included in scope of supply). Blue LEDs are used to signal an actuation. Two large-area inscription spaces (33.5 x 67 mm). A microswitch is used to specify the function of the wall transmitter. Sends following radio telegrams depending on setting:
- max. two radio channels or
- max. three light scenes and All OFF

Please observe the planning information in the technical appendix.
Professional labelling with the Gira Inscription Service **www.marking.gira.com**.

Power supply:	3 V DC
Battery:	1 x Lithium round cell (CR 2032) (batteries included in the scope of supply are consumables and must be replaced regularly)
Transmission frequency:	433.42 MHz
Range:	approx. 100 m (free field)
Temperature range:	0 °C to +55 °C

Radio controller 0358 18 → Page 540.
Controllable receiver:
0335 01, 0401 .., 0404 00, 0413 00, 0424 00, 0425 00, 0543 .., 0545 .., 0565 00, 0809 00, 0843 02, 0865 00, 1133 00, 1185 .., 2255 00 → Page 552.
Radio module for smoke detector dual/VdS (muting only) 2341 00 → Page 541.
Radio repeater 0867 00 → Page 563.
Radio KNX/EIB converter 0868 00 → Page 563.
eNet radio transformer ZS 5323 02 → Page 523.
Inscription sheets 2872 .. → Page 295.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Radio wall transmitter, flat design, 3-gang with inscription space

System 55			
clear/pure white glossy	**1113 100**	1/5	02

The radio wall transmitter, flat design, enables a wireless but permanently installed remote control of the radio receiver. It can be integrated in all **non-metallic** System 55/E22 cover frames. Simple expansion of existing switch combinations. The installation can be carried out without a surface-mounted housing or flush-mounted wall box. The radio wall transmitter can be attached to walls with screws or glued onto smooth or transparent surfaces with a base plate **1110 00**. A 3-gang microswitch is used to specify the function of the wall transmitter. Sends following radio telegrams depending on setting:

- max. 3 radio channels or
- max. 5 light scenes and All OFF

Please observe the planning information in the technical appendix.

Power supply:	3 V DC
Battery:	1 x Lithium round cell (CR 2032) (batteries included in the scope of supply are consumables and must be replaced regularly)
Transmission frequency:	433.42 MHz
Range:	Typically 30 m (free field)
Temperature range:	0 °C to +55 °C

Radio controller 0358 18 → Page 540.
Controllable receiver:
0335 01, 0401 .., 0404 00, 0413 00, 0424 00, 0425 00, 0543 .., 0545 .., 0565 00, 0809 00, 0843 02, 0865 00, 1133 00, 1185 .., 2255 00 → Page 552.
Radio module for smoke detector dual/VdS (muting only) 2341 00 → Page 541.
Radio repeater 0867 00 → Page 563.
Radio KNX/EIB converter 0868 00 → Page 563.
eNet radio transformer ZS 5323 02 → Page 523.

Installation:
Base plate for System 55 radio wall transmitter 1110 00 → Page 545.
Fits in all non-metallic cover frames Standard 55, E2, Event, Esprit from System 55.
Inscription sheets System 55, E22 1090 00 → Page 295.

	Order no.	Packing unit	PS



Radio wall transmitter, flat design, 4-gang

Gira F100			
cream white glossy	**2254 111**	1	02
pure white glossy	**2254 112**	1	02

The radio wall transmitter, flat design, enables a wireless but permanently installed remote control of the radio receiver. The installation can be carried out without surface-mounted or flush-mounted wall box, enabling simple expansion of existing switch combinations.
The radio wall transmitter can be attached to walls with screws or glued onto smooth or transparent surfaces with the related base plate (included in scope of supply). Blue LEDs are used to signal an actuation. Four large-area inscription spaces (15.8 x 67 mm). A microswitch is used to specify the function of the wall transmitter. Sends following radio telegrams depending on setting:

- max. four radio channels or
- max. five light scenes and All OFF

Please observe the planning information in the technical appendix.
Professional labelling with the Gira Inscription Service **www.marking.gira.com**.

Power supply:	3 V DC
Battery:	1 x Lithium round cell (CR 2032) (batteries included in the scope of supply are consumables and must be replaced regularly)
Transmission frequency:	433.42 MHz
Range:	approx. 100 m (free field)
Temperature range:	0 °C to +55 °C

Radio controller 0358 18 → Page 540.
Controllable receiver:
0335 01, 0401 .., 0404 00, 0413 00, 0424 00, 0425 00, 0543 .., 0545 .., 0565 00, 0809 00, 0843 02, 0865 00, 1133 00, 1185 .., 2255 00 → Page 552.
Radio module for smoke detector dual/VdS (muting only) 2341 00 → Page 541.
Radio repeater 0867 00 → Page 563.
Radio KNX/EIB converter 0868 00 → Page 563.
eNet radio transformer ZS 5323 02 → Page 523.
Inscription sheets 2874 .. → Page 295.

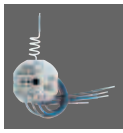


Base plate set for System 55 radio wall transmitters, flat design

System 55			
Four plates	**1110 00**	1	02

Base plate set for **non-metallic** cover frames of System 55. The self-adhesive base plates are used as adapter plates for attachment of the flat-design radio wall transmitter to smooth or transparent surfaces, e.g. panes of glass. The base plate provides an optically clean termination in the back.
Can be broken off, and thus also suitable for multiple combinations or for mounting in flush-mounted wall boxes.
Radio wall transmitter, 1-gang 1111 .. → Page 543.
Radio wall transmitter, 3-gang 1113 .. → Page 545.
Fits in all non-metallic cover frames Standard 55, E2, Event, Esprit from System 55.

	Order no.	Packing unit	PS



Radio universal transmitter 2

	Order no.	Packing unit	PS
	0521 00	1/5	02

The radio universal transmitter 2 allows the expansion of an existing installation with wireless transmission of switching commands. While controlling both inputs (E1, E2) with mains voltage (230 V AC), radio telegrams are sent. The radio universal transmitter 2 is mounted behind a 230 V flush-mounted insert in a device box pursuant to DIN 49073 (recommendation: deep flush-mounted wall box). The radio universal transmitter 2 has 4 operating modes:

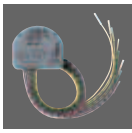
- 2-channel dimming: Connection of conventional push buttons (NO contacts). Pressing the push button leads to switching (toggling) of the telegram type in the transmitter.
- 2-channel switching: Connection of conventional switches (NO contacts). The universal transmitter sends switch-on telegrams for closing and switch-off telegrams for opening. When connecting conventional push buttons (NO contacts), the special function „Bell operation“ is executed, i.e. when the push button is closed, the universal transmitter sends switch-on telegrams; it sends switch-off telegrams when open.
- 1-channel dimming: Connection of conventional push buttons (NO contacts) for sending dimming telegrams.
- 1-channel blind: Connection of a blind switch or a blind controller insert for controlling a blind.

Please observe the planning information in the technical appendix.

Power supply:	AC 230 V, 50 Hz, N conductor required
Transmission frequency:	433.42 MHz
Range:	approx. 100 m (free field)
Temperature range:	-20 °C to +55 °C
Dimensions:	∅ x H 52 x 23 mm

Radio controller 0358 18 → Page 540.
Controllable receiver:
0335 01, 0401 .., 0404 00, 0413 00, 0424 00, 0425 00, 0543 .., 0545 .., 0565 00, 0809 00, 0843 02, 0865 00, 1133 00, 1185 .., 2255 00 → Page 552.
Radio module for smoke detector dual/VdS (muting only) 2341 00 → Page 541.
Radio repeater 0867 00 → Page 563.
eNet radio transformer ZS 5323 02 → Page 523.

i 72



Radio multi-function transmitter, 4-gang

	Order no.	Packing unit	PS
	0441 00	1/5	02

The 4-gang radio multi-function transmitter is a battery-operated radio binary input used for the connection of zero-voltage contacts. It enables cordless transmission of switching and touch commands without a 230 V connection.
Settable functions:

- one- to four-channel switching with conventional switches for the control of switching and dimming or blind actuators
- one- to four-channel button actuation with conventional buttons for the control of switching actuators
- two-channel dimming with serial buttons
- up to 4 channels can be switched or dimmed with a single touch (via toggle switch in transmitter)
- All ON, All OFF or light scenes

The radio multi-function transmitter is mounted behind a flush-mounted insert in a device box pursuant to DIN 49073 (recommendation: deep flush-mounted wall box).

Please observe the planning information in the technical appendix.

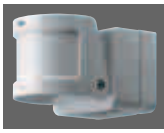
Inputs:	4
Power supply:	3 V DC
Battery:	1 x Lithium round cell (CR 2032) (batteries included in the scope of supply are consumables and must be replaced regularly)
Input line:	8-wire cable set, approx. 30 cm long, extendible up to 5 m
Transmission frequency:	433.42 MHz
Range:	approx. 100 m (free field)
Temperature range:	-20 °C to +55 °C
Protection type:	IP 20
Dimensions:	W x H x D 45 x 38 x 10 mm

Radio controller 0358 18 → Page 540.
Controllable receiver:
0335 01, 0401 .., 0404 00, 0413 00, 0424 00, 0425 00, 0543 .., 0545 .., 0565 00, 0809 00, 0843 02, 0865 00, 1133 00, 1185 .., 2255 00 → Page 552.
Radio module for smoke detector dual/VdS (muting only) 2341 00 → Page 541.
Radio repeater 0867 00 → Page 563.
eNet radio transformer ZS 5323 02 → Page 523.

i 73

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Radio observer 180/16

pure white	**0826 02**	1	08

The radio observer reacts to heat movement and sends this information to the receiver of the radio bus system. It is operated with a 9 V block battery, and therefore requires no supply cable and can be installed in any desired location.
Switches on the receiver from the radio bus system at an ambient brightness below 80 lux with a delay period of 1 min.
When using a radio power section **0843 02** as a receiver, the power-on time and the brightness can be set. Semi-circular area of detection 16 x 32 m with 144 switching segments on 3 levels. The area of detection can be reduced using the included cover screens.

- Brightness-independent test mode for evaluating the area of detection
- Detection of insufficient battery voltage

Please observe the planning information in the technical appendix.

Battery:	9 V alkaline block battery (**not** included in scope of supply)
Detection radius:	180°
Working range	3 to 80 lux, normal operation
Evaluation:	3 to 200 lux, post-triggering
Recommended installation height:	2.40 m
Transmission frequency:	433.42 MHz
Range:	approx. 100 m (free field)
Temperature range:	-25 °C to +55 °C
Protection type:	IP 55

Radio controller 0358 18 → Page 540.
Controllable receiver:
0401 .., 0404 00, 0413 00, 0424 00, 0843 02 → Page 552.
Radio repeater 0867 00 → Page 563.
Radio KNX/EIB converter 0868 00 → Page 563.
Mounting materials 0839 00, 0968 02, 0838 00, 0848 00 → Page 327.

i 73

	Order no.	Packing unit	PS



Radio presence detector

pure white	**0318 02**	1	02
colour aluminium	**0318 04**	1	02

The radio presence detector controls the illumination depending on the presence of persons and on the desired lighting conditions. When heat movement is detected, it sends a radio telegram to **a** radio dimming or switching actuator from Release R2. The radio presence detector is attached under the ceiling and monitors the work area located beneath it. A presence detector is **not** a transit detector.
The presence detector switches on a radio actuator when an adjustable desired brightness value is dropped below and when movement is detected. This actuator carries out a constant light control in dependence on the desired brightness value. Only 2-point control is possible with switching actuators.
The light control remains active as long as movement is detected and the desired brightness value is dropped below. When movement is no longer detected, or if the desired brightness value is exceeded, the radio actuator is switched off following a delay time. Light control can be switched on or off with a radio transmitter.
Several radio presence detectors can be used together as a system (master-slave operation) for monitoring a larger area. A maximum of 8 radio presence detectors can be used in one range zone.
A Comfort hand-held transmitter enables modification of the desired brightness value or activation of the additional functions „Switch on for 2 hours“ or „Switch off for 2 hours“.
Other functions:

- Light-control test mode
- Walking test mode
- Battery status display

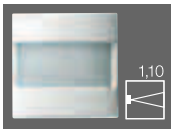
Please observe the planning information in the technical appendix.

Power supply:	6 V DC
Batteries:	4 x 1.5 V Micro LR03 (AAA) alkaline (not included in scope of supply)
Angle of detection:	360°
Nominal range desk height:	∅5 m
Nominal range floor:	∅8 m
Installation height for nominal range:	2.,5 m
Time duration:	Approx. 2 minutes to 1 hour
Brightness:	approx. 3 to 2000 lux
Transmission frequency:	433.42 MHz
Range:	approx. 100 m (free field)
Temperature range:	0 °C to +45 °C
Protection type:	IP 20
Dimensions:	∅ x H 103 x 43 mm

Transmitter:
Radio remote control Comfort 0527 00 → Page 542.

Transmitter/receiver:
Radio controller 0358 18 → Page 540.
Radio repeater, surface-mounted 0867 00 → Page 563.
Protective cage 2116 00 → Page 449.

i 74



Radio automatic control switch

	Order no.	Packing unit	PS
System 55			
cream white glossy	**1306 01**	1	02
pure white glossy	**1306 03**	1	02
pure white matt	**1306 27**	1	02
anthracite	**1306 28**	1	02
colour aluminium	**1306 26**	1	02
Gira F100			
cream white glossy	**1306 111**	1	02
pure white glossy	**1306 112**	1	02
S-Color			
pure white	**1306 40**	1	02
grey	**1306 42**	1	02
red	**1306 43**	1	02
blue	**1306 46**	1	02
black	**1306 47**	1	02

The radio automatic control switch reacts to the movement of heat in corresponding darkness and sends a radio telegram to the assigned radio receiver. It can be integrated in all **non-metallic** cover frames. All switching/dimming actuators and the radio power section can be used as radio receivers.
The radio actuators switch the connected lighting on and remain switched on as long as movements are detected. Otherwise the lighting is switched off after a delay time of approx. 1 min. When a radio power section is used, the delay time can be set.

- Walking test mode
- Battery status display
- Brightness value can be set continuously from approx. 0 to 80 lux or daytime operation.
- Sensitivity can be set from 100 % to 20 %.
- With an installation height of 1.10 m: Range 10 m frontal, 6 m to each side, angle of detection 180°

Please observe the planning information in the technical appendix.

Power supply:	3 V DC
Battery:	1 x Lithium cell (CR 2450N) (batteries included in the scope of supply are consumables and must be replaced regularly)
Transmission frequency:	433.42 MHz
Range:	approx. 60 m (free field)
Temperature range:	+5 °C to +35 °C
Protection type:	IP 20

Radio controller 0358 18 → Page 540.
Controllable receiver:
0401 .., 0404 00, 0413 00, 0424 00, 0843 02 → Page 552.
Controllable receiver (switching only):
0335 01, 0543 .., 0565 00, 0809 00, 0865 00, 1133 00, 1185 .., 2255 00 → Page 554.
Radio repeater 0867 00 → Page 563.
Radio KNX/EIB converter 0868 00 → Page 563.

i 74



Radio room temperature sensor with clock

	Order no.	Packing unit	PS
System 55			
cream white glossy	**1186 01**	1	02
pure white glossy	**1186 03**	1	02
pure white matt	**1186 27**	1	02
anthracite	**1186 28**	1	02
colour aluminium	**1186 26**	1	02
Bronze	**1186 603**	1	02
Brass	**1186 604**	1	02
E22			
Stainless Steel	**1186 20**	1	02
Aluminium	**1186 203**	1	02
pure white glossy	**1186 03**	1	02
Gira F100			
cream white glossy	**1186 111**	1	02
pure white glossy	**1186 112**	1	02
S-Color			
pure white	**1186 40**	1	02
grey	**1186 42**	1	02
red	**1186 43**	1	02
blue	**1186 46**	1	02
black	**1186 47**	1	02

Radio room temperature sensor with integrated time clock for temperature-based single-room control. The integrated radio transmitter provides information on the current room temperature, the setpoint temperature and the temperature level currently used to motor valve drives **1187 00**. The room temperature sensor can also act on the radio motor valve drives via the radio controller, in which additional links are possible.

- Time program with up to 32 switching points (default settings pre-programmed at the factory)
- Party function for the extension of the comfort temperature by 1, 2, 3 or 4 hours
- Energy-saving function for manual activation of the night-time reduction until the next switching point
- Automatic summer/winter changeover
- The hours display can be toggled between 12 and 24-hour mode
- Self-teaching heating optimisation
- Vacation reduction via date input

Please observe the planning information in the technical appendix.

Rated voltage:	230 V, 50 Hz N conductor required
Temperature range:	+18 °C to +30 °C (comfort temperature) +10 °C to +22 °C (comfort/lowering temperature) +5 °C to +15 °C (frost protection temperature)
Ambient temperature:	0 °C to +50 °C
Transmission frequency:	433.42 MHz

Radio motor valve drive 1187 00 → Page 562.
Radio controller 0358 18 → Page 540.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Radio window contact

white	**2256 02**	1	02
brown	**2256 06**	1	02

The radio window contact enables wireless transmission of switching commands when doors and windows are opened and closed. Its narrow design even enables installation in tight places around doors and windows. All switching/dimming actuators and the radio power section can be used as radio receivers.

Please observe the planning information in the technical appendix.

Power supply:	9 V DC
Battery:	9 V alkaline block battery (not included in scope of supply)
Transmission frequency:	433.42 MHz
Range:	approx. 100 m (free field)
Temperature range:	-5 °C to +45 °C
Protection type:	IP 20
Dimensions:	
Transmitters:	W x H x D 36 x 132 x 34 mm
Magnet:	W x H x D 12 x 43 x 15 mm

Controllable receiver:
0401 .., 0404 00, 0413 00, 0424 00, 0843 02 → Page 552.
Controllable receiver (switching only):
0335 01, 0543 .., 0809 00, 0865 00, 1133 00, 1185 .., 2255 00 → Page 554.
Radio repeater 0867 00 → Page 563.
eNet radio transformer ZS 5323 02 → Page 523.

Cover plates for radio wall transmitter insert



Push button sensor 2, 1-gang without controller with inscription space

	Order no.	Packing unit	PS
System 55			
clear/pure white glossy	**1011 100**	1/5	06
E22			
Stainless Steel (lacquered)	**1011 20**	1/5	06
Aluminium (lacquered)	**1011 203**	1/5	06
clear/pure white glossy	**1011 100**	1/5	06
Radio wall transmitter	**0511 00**	1/5	02

Neutral inscription labels included.
Push button sensor can be attached to radio wall-transmitter insert.
Rocker is freely configurable:
- one-channel switching or
- one channel dimming or
- 1-channel blind or shutter control or
- calling up of a light scene and calling up of All OFF.

Telegram transmission confirmation via red LED.
Professional labelling with the Gira Inscription Service **www.marking.gira.com**.
Temperature range: -5 °C to +45 °C
Protection type: IP 20
Connection: 2 x 5-pole plug connector

Radio wall transmitter insert 0511 00 → Page 543.
Inscription sheets 1090 00 → Page 295.
For integration in Stainless Steel Series 20, Series 21: Intermediate plate 55 x 55 mm 0289 20 → Page 168.



Push button sensor 2, 2-gang (1+1) without controller with inscription space

	Order no.	Packing unit	PS
System 55			
clear/pure white glossy	**1012 100**	1	06
E22			
Stainless Steel (lacquered)	**1012 20**	1	06
Aluminium (lacquered)	**1012 203**	1	06
clear/pure white glossy	**1012 100**	1	06
Second support ring	**1127 00**	5/25	06
Radio wall transmitter	**0511 00**	1/5	02

Two large operating areas (55 x 55 mm). Neutral inscription labels included. Use support ring **1127 00** for installation on two flush-mounted wall boxes. Push button sensor can be attached to **one** radio wall-transmitter insert.
Rockers are freely configurable:
- switching or
- dimming or
- blind and shutter control or
- calling up of max. three light scenes and calling up of All OFF.

Telegram transmission confirmation via red LED.
Professional labelling with the Gira Inscription Service **www.marking.gira.com**.
Temperature range: -5 °C to +45 °C
Protection type: IP 20
Connection: 2 x 5-pole plug connector

Installation only possible in combination with System 55 or E22 cover frame, 2-gang without crossbar 1002 .., 2886 .. .
Radio wall transmitter insert 0511 00 → Page 543.
Support ring 1127 00 → Page 510.
Inscription sheets 1090 00 → Page 295.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Push button sensor 2, 3-gang without controller with inscription space

System 55			
clear/pure white glossy	**1013 100**	1/5	06
E22			
Stainless Steel (lacquered)	**1013 20**	1/5	06
Aluminium (lacquered)	**1013 203**	1/5	06
clear/pure white glossy	**1013 100**	1/5	06
Radio wall transmitter	**0511 00**	1/5	02

Neutral inscription labels included.
Push button sensor can be attached to radio wall-transmitter insert.
Rockers are freely configurable:
- switching or
- dimming or
- blind or shutter control or
- calling up of max. five light scenes and calling up of All OFF.

Telegram transmission confirmation via red LED.
Professional labelling with the Gira Inscription Service **www.marking.gira.com**.

Temperature range: -5 °C to +45 °C
Protection type: IP 20
Connection: 2 x 5-pole plug connector

Radio wall transmitter insert 0511 00 → Page 543.
Inscription sheets 1090 00 → Page 295.
For integration in Stainless Steel Series 20, Series 21: Intermediate plate 55 x 55 mm 0289 20 → Page 168.



Push button sensor, 1-gang with inscription space

S-Color			
pure white	**0881 40**	1/5	06
grey	**0881 42**	1/5	06
red	**0881 43**	1/5	06
blue	**0881 46**	1/5	06
black	**0881 47**	1/5	06
Radio wall transmitter	**0511 00**	1/5	02

Discontinued item. **Available until December 2014.**
Disassembly safeguard via high level of pull-off force. Pre-labelled inscription labels with common symbols included in scope of supply.
Push button sensor can be attached to radio wall transmitter insert.
Rocker is freely configurable:
- 1-channel switching or
- 1-channel dimming or
- 1-channel blind or shutter control or
- calling up of a light scene and calling up of All OFF.

Telegram transmission confirmation via red LED.

Temperature range: -5 °C to +45 °C
Protection type: IP 20
Connection: 2 x 5-pole plug connector

Radio wall transmitter insert 0511 00 → Page 543.
Inscription sheets 1454 00 → Page 294.

	Order no.	Packing unit	PS



Push button sensor, 2-gang with inscription space

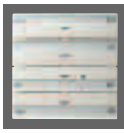
S-Color			
pure white	**0882 40**	1/5	06
grey	**0882 42**	1/5	06
red	**0882 43**	1/5	06
blue	**0882 46**	1/5	06
black	**0882 47**	1/5	06
Radio wall transmitter	**0511 00**	1/5	02

Discontinued item. **Available until December 2014.**
Disassembly safeguard via high level of pull-off force. Pre-labelled inscription labels with common symbols included in scope of supply.
Push button sensor can be attached to radio wall transmitter insert.
Rockers are freely configurable:
- switching or
- dimming or
- blind or shutter control or
- calling up of max. three light scenes and calling up of All OFF.

Telegram transmission confirmation via red LED.

Temperature range: -5 °C to +45 °C
Protection type: IP 20
Connection: 2 x 5-pole plug connector

Radio wall transmitter insert 0511 00 → Page 543.
Inscription sheets 1454 00 → Page 294.



Push button sensor, 4-gang with inscription space

S-Color			
pure white	**0884 40**	1/5	06
grey	**0884 42**	1/5	06
red	**0884 43**	1/5	06
blue	**0884 46**	1/5	06
black	**0884 47**	1/5	06
Radio wall transmitter	**0511 00**	1/5	02

Discontinued item. **Available until December 2014.**
Disassembly safeguard via high level of pull-off force. Pre-labelled inscription labels with common symbols included in scope of supply.
Push button sensor can be attached to radio wall transmitter insert.
Rockers are freely configurable:
- switching or
- dimming or
- blind or shutter control or
- calling up of max. five light scenes and calling up of All OFF.

Telegram transmission confirmation via red LED.

Temperature range: -5 °C to +45 °C
Protection type: IP 20
Connection: 2 x 5-pole plug connector

Radio wall transmitter insert 0511 00 → Page 543.
Inscription sheets 1454 00 → Page 294.

	Order no.	Packing unit	PS

Receiver



Mini radio switching actuator			
Mini	**0413 00**	1	02
Mini radio momentary-contact actuator			
Mini	**0565 00**	1/5	02

The mini radio actuators are mounted in a device box pursuant to DIN 49073 (deep box) behind a flush-mounted insert or in a cover box. Up to 14 radio channels can be assigned to the mini radio actuators.
Attention: Observe the max. connection values in conjunction with switched socket outlets.
Please observe the planning information in the technical appendix.

Power supply:	230 V AC, 50 Hz
Switching contact:	Relay contact 8 A
Contact rating:	1000 W light bulbs 1000 W HV halogen 750 VA LV halogen for wound transformer with at least 85 % rated load 750 W LV halogen, Gira Tronic transformer 500 VA fluorescent lamps, not compensated 400 VA fluorescent lamps, parallel-compensated 1000 VA fluorescent lamps, dual switching Observe high peak switch-on currents with „energy saving lamps“. Check suitability of the lamps before use!
Reception frequency:	433.42 MHz
Temperature range:	-20 °C to +55 °C
Protection type:	IP 20
Dimensions:	∅ x H 52 x 23 mm

Radio controller 0358 18 → Page 540.
Radio transmitter:
0318 .., 0412 00, 0441 00, 0511 00, 0521 00, 0527 00, 0826 02, 1111 .., 1113 .., 1306 .., 2251 .., 2252 .., 2254 .., 2256 .. → Page 542.
Radio module for smoke detector dual/VdS (only switches on) 2341 00 → Page 541.
eNet radio transformer ZS 5323 02 → Page 523.

	Order no.	Packing unit	PS

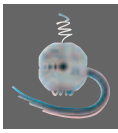
Mini radio switching actuator
The radio switching actuator mini is used to switch electrical loads via radio.
- When a radio controlled observer telegram is received, the switching actuator switches on for a delay period of approx. 1 minute.
- The switching actuator can be integrated into up to five light scenes. They are called up and saved with the corresponding radio transmitters (e.g. Comfort remote control).
- Automatic assignment of an existing All ON or All OFF button.
- Light control with a radio presence detector in 2-point mode (load switched on or off).
  Note: A combination of presence detectors and observers cannot be assigned.

Mini radio momentary-contact actuator
The radio momentary-contact actuator mini closes its relay contact as long as it receives assigned radio telegrams to switch on (max. 16 sec.). These telegrams are sent via a remote control, for example. If no more radio telegrams are received, the radio momentary-contact actuator opens the relay contact again. When a radio controlled observer telegram is received the switching actuator switches on for 0.3.
Note: The following functions are not supported by the radio momentary-contact actuator: All ON, All OFF, light scenes and light control.
Note: A combination of presence detectors and observers cannot be assigned.

i 75

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Mini radio switching actuator, 2-channel

Mini	**0424 00**	1/5	02

The radio switching actuator mini 2-channel makes independent switching of two electrical loads (230 V AC/6 A) possible. It is mounted in a device box pursuant to DIN 49073 (deep box) behind a flush-mounted insert or in a cover box. Up to 7 radio channels per switching channel can be assigned to the radio switching actuator.
Attention: Observe max. connection value in conjunction with switched socket outlets.

- When a radio controlled observer telegram is received, the switching actuator switches on for a delay period of approx. 1 minute.
- The switching actuator can be integrated into up to five light scenes. They are called up and saved with the corresponding radio transmitters (e.g. Comfort remote control).
- Automatic assignment of an existing All ON or All OFF button.
- Light control with a radio presence detector in 2-point mode (load switched on or off).
  Note: A combination of presence detectors and observers cannot be assigned.

Please observe the planning information in the technical appendix.

Power supply:	230 V AC, 50 Hz
Switching contacts:	µ-Relay contact 6 A
Contact rating per channel:	350 W light bulbs 300 W HV halogen 350 VA LV halogen for wound transformer with at least 85 % rated load 300 W LV halogen, Gira Tronic transformer 350 VA fluorescent lamps, not compensated
Reception frequency:	433.42 MHz
Temperature range:	-20 °C to +55 °C
Protection type:	IP 20
Dimensions:	∅ x H 52 x 23 mm

Radio controller 0358 18 → Page 540.
Radio transmitter:
0318 .., 0412 00, 0441 00, 0511 00, 0521 00, 0527 00, 0826 02, 1111 .., 1113 .., 1306 .., 2251 .., 2252 .., 2254 .., 2256 .. → Page 542.
Radio module for smoke detector dual/VdS (only switches on) 2341 00 → Page 541.
eNet radio transformer ZS 5323 02 → Page 523.

i 75

	Order no.	Packing unit	PS



Radio switching actuator

Surface-mounted installation housing	**0404 00**	1	02

The radio switching actuator is used to switch electrical loads (230 V AC / 10 A) via radio. The radio actuators can also be operated or programming mode can be activated via an auxiliary input (230 V AC) with an installation button. Up to 30 radio channels can be assigned to the radio actuators.

- When a radio controlled observer telegram is received, the switching actuator switches on for a delay period of approx. 1 minute.
- The switching actuator can be integrated into up to five light scenes. They are called up and saved with the corresponding radio transmitters (e.g. Comfort remote control).
- Automatic assignment of an existing All ON or All OFF button.
- Light control with a radio presence detector in 2-point mode (load switched on or off).
  Note: A combination of presence detectors and observers cannot be assigned.

Please observe the planning information in the technical appendix.

Power supply:	230 V AC, 50 Hz
Switching contact:	relay (10 A)
Contact rating:	2300 W light bulbs 2300 W HV halogen 1000 VA LV halogen, wound transformer 1500 W LV halogen, Gira Tronic transformer 1200 VA fluorescent lamps, not compensated 920 VA fluorescent lamps, parallel-compensated 2300 VA fluorescent lamps, dual switching
Reception frequency:	433.42 MHz
Temperature range:	-20 °C to +55 °C
Dimensions:	L x W x H 175 x 42 x 18 mm

Radio controller 0358 18 → Page 540.
Radio transmitter:
0318 .., 0412 00, 0441 00, 0511 00, 0521 00, 0527 00, 0826 02, 1111 .., 1113 .., 1306 .., 2251 .., 2252 .., 2254 .., 2256 .. → Page 542.
Radio module for smoke detector dual/VdS (only switches on) 2341 00 → Page 541.
eNet radio transformer ZS 5323 02 → Page 523.

i 76



Radio top unit for switching and dimming (touch dimmer cover plate)

	Order no.	Packing unit	PS
System 55			
cream white glossy	**0543 01**	1/5	02
pure white glossy	**0543 03**	1/5	02
pure white matt	**0543 27**	1/5	02
anthracite	**0543 28**	1/5	02
colour aluminium	**0543 26**	1/5	02
E22			
Stainless Steel	**0543 20**	1/5	02
Aluminium	**0543 203**	1	02
pure white glossy	**0543 03**	1/5	02
Gira F100			
cream white glossy	**0543 111**	1/5	02
pure white glossy	**0543 112**	1/5	02
S-Color			
pure white	**0543 40**	1/5	02
grey	**0543 42**	1/5	02
red	**0543 43**	1/5	02
blue	**0543 46**	1/5	02
black	**0543 47**	1/5	02

The radio top unit allows switching and dimming of various electrical loads as soon as it receives a certain radio telegram. Installed in conjunction with the System 2000 inserts in a device box pursuant to DIN 49073.
The illumination can be switched on/off and made lighter/darker via a radio remote control, a radio wall transmitter or manually.
Special function of radio observer:
With reception of a radio telegram of the radio observer, the top unit switches on for approx. 1 min.
The desired brightness value can be saved (memory function).
Up to 30 radio channels can be allocated to the radio top unit for switching and dimming.
The radio top unit can be included in light scenes.
These are called up via the radio remote control or wall transmitter. Up to 5 light scenes can be saved.
When a channel is allocated to the radio top unit, the All-ON button of the radio remote control or the All-OFF button of the radio remote control or wall transmitter is automatically allocated as well.
The setting of the programming mode occurs while switched off via the centre button (> 4 s).
Please observe the planning information in the technical appendix.

Power supply:	from flush-mounted insert
Temperature range:	0 °C to +55 °C
Reception frequency:	433.42 MHz

System 2000 dimmer inserts 0305 00, 0331 00, 0860 00 → Page 278.
System 2000 switch inserts 0303 00, 0853 00, 0854 00, 0866 00, 1148 00 → Page 280.
Radio controller 0358 18 → Page 540.

Radio transmitter:
0318 .., 0412 00, 0441 00, 0511 00, 0521 00, 0527 00, 1111 .., 1113 .., 2251 .., 2252 .., 2254 .. → Page 542.
Radio module for smoke detector dual/VdS (only switches on) 2341 00 → Page 541.
Radio controlled observer (only switching here) 0826 02 → Page 547.
Radio automatic control switch (only switching here) 1306 .. → Page 548.
eNet radio transformer ZS 5323 02 → Page 523.



Mini radio blind actuator

	Order no.	Packing unit	PS
	0425 00	1/5	02

The radio blind actuator mini allows remote control via radio of a blind or shutter motor. It is mounted in a device box pursuant to DIN 49073 (deep box) behind a flush-mounted insert or in a water-protected surface-mounted box in a shutter module. Up to 14 radio channels can be assigned to the radio blind actuator.

- With a brief press of a button (< 1 s) of a radio hand-held or wall transmitter, a pulse corresponding to the amount of time the button is pressed is generated (e.g. for slat adjustment).
- Pressing and holding a button (>1 s) of a radio hand-held or wall transmitter activates continuous operation for approx. 2 min
- The end position of the blind (all the way up, all the way down) can be combined with the illumination into light scenes
- Electronic locking of the radio blind actuator

Please observe the planning information in the technical appendix.

Power supply:	230 V AC, 50/60 Hz
Contact rating:	700 W
Relay output:	2 NO contact relays (potentially charged and locked back-to-back)
Switching time with change of movement direction:	approx. 1 second
extended run:	approx. 2 min
Reception frequency:	433.42 MHz
Temperature range:	-20 °C to +55 °C
Protection type:	IP 20
Dimensions:	∅ x H 52 x 23 mm

Radio controller 0358 18 → Page 540.
Radio transmitter:
0412 00, 0441 00, 0511 00, 0521 00, 0527 00, 1111 .., 1113 .., 2251 .., 2252 .., 2254 .. → Page 542.
Radio module for smoke detector dual/VdS (only runs up) 2341 00 → Page 541.
eNet radio transformer ZS 5323 02 → Page 523.

i 76

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Radio blind control button with sensor evaluation

System 55			
cream white glossy	**0545 01**	1/5	02
pure white glossy	**0545 03**	1/5	02
pure white matt	**0545 27**	1/5	02
anthracite	**0545 28**	1/5	02
colour aluminium	**0545 26**	1/5	02
Bronze	**0545 603**	1	02
Brass	**0545 604**	1	02
E22			
Stainless Steel	**0545 20**	1/5	02
Aluminium	**0545 203**	1	02
pure white glossy	**0545 03**	1/5	02
Gira F100			
cream white glossy	**0545 111**	1	02
pure white glossy	**0545 112**	1	02
S-Color			
pure white	**0545 40**	1/5	02
grey	**0545 42**	1/5	02
red	**0545 43**	1/5	02
blue	**0545 46**	1/5	02
black	**0545 47**	1/5	02

The radio control button with sensor evaluation is installed in conjunction with the blind controller insert **0388 00**, **0398 00** or **0399 00** in a 60 mm flush-mounted box (deep box recommended).
Control button top unit with large operating area for manual operation of blind and shutter motors.

- When a button is pressed briefly (< 1 s), a pulse corresponding to the amount of time the button is pressed is generated (e.g. for slat adjustment).
- Pressing and holding a button (> 1 s) activates continuous operation (self-locking mode).
- Electronic locking of control button.
- Option for connecting sun sensor **0930 00**, **1117 00** for protection against direct sunlight.
- Brightness value can be set steplessly between approx. 5,000 and 80,000 lux.
- Option for connecting glass-breakage sensor **0931 00** for protection during shaking of glass, glass breakage or burglary.
- The sensor cable is connected to the control button or blind controller insert via a screw terminal.
- The end position of the blinds (all the way up, all the way down) can be combined with the illumination into light scenes.

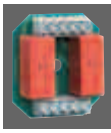
The programming mode is set by touching the centre of the button (> 4 s).

Please observe the planning information in the technical appendix.

Power supply: from flush-mounted insert
Switching time with change of movement direction: approx. 1 second
Reception frequency: 433.42 MHz
Temperature range: 0 °C to +55 °C

Blind controller insert 0388 00, 0398 000, 0399 00 → Page 308.
Sun and twilight sensor 0930 00 → Page 310.
Sun and twilight sensor for outside 1117 00 → Page 310.
Glass-breakage sensor 0931 00 → Page 310.
Adapter for sensors 0934 00 → Page 310.
Radio controller 0358 18 → Page 540.
Radio transmitter:
0412 00, 0441 00, 0511 00, 0521 00, 0527 00, 1111 .., 1113 .., 2251 .., 2252 .., 2254 .. → Page 542.
Radio module for smoke detector dual/VdS (only runs up) 2341 00 → Page 541.
eNet radio transformer ZS 5323 02 → Page 523.

	Order no.	Packing unit	PS



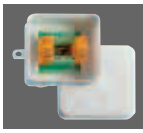
2-gang flush-mounted cut-off relay

Flush-mounted	**0382 00**	1/5	02

Flush-mounted cut-off relay for installation in a flush-mounted wall box (deep flush-mounted wall box recommended).
Cut-off relays are used to control several blind drives simultaneously. In each case, two drives are electrically de-coupled with one cut-off relay.
With two auxiliary inputs for the individual operation of the blinds an a central input for a central function, e.g. of a time clock or for implementing central controllers is case of distribution over several RCD switches.

Connection: 230 V AC, 4 A, 100 % power-on time
Screw terminals: central steel wire up, central steel wire down, 1 x L, 1 x N, 2 x drive 1, 2 x drive 2, 1 x auxiliary unit 1, 1 x auxiliary unit 2
Temperature range: -25 °C to +70 °C

i 62



2-gang surface-mounted cut-off relay

Surface-mounted	**0387 00**	1	02

The surface-mounted cut-off relay is supplied in a water-protected junction box for installation in the blind/shutter module.
Cut-off relays are used to control several blind drives simultaneously. In each case, two drives are electrically de-coupled with one cut-off relay.
With two auxiliary inputs for the individual operation of the blinds an a central input for a central function, e.g. of a time clock or for implementing central controllers is case of distribution over several RCD switches.

Connection: 230 V AC, 4 A, 100 % power-on time
Screw terminals: central steel wire up, central steel wire down, 1 x L, 1 x N, 2 x drive 1, 2 x drive 2, 1 x auxiliary unit 1, 1 x auxiliary unit 2
Temperature range: -25 °C to +70 °C

i 62

	Order no.	Packing unit	PS



2-gang DRA cut-off relay

DRA	**0861 00**	1	02

DRA cut-off relay for installation on a cap profile rail.
Cut-off relays are used to control several blind drives simultaneously. In each case, two drives are electrically de-coupled with one cut-off relay.
With two auxiliary inputs for the individual operation of the blinds an a central input for a central function, e.g. of a time clock or for implementing central controllers is case of distribution over several RCD switches.

Connection:	230 V AC, 4 A, 100 % power-on time
Screw terminals:	central steel wire up, central steel wire down, 1 x L, 1 x N, 2 x drive 1, 2 x drive 2, 1 x auxiliary unit 1, 1 x auxiliary unit 2
Temperature range:	-25 °C to +70 °C
Protection type:	IP 20
Dimensions:	DRA device, 2.5 depth module

i 62

	Order no.	Packing unit	PS



Radio universal dimmer Mini

50 – 210 W/VA

Flush-mounted	**2255 00**	1	02

The radio universal dimmer Mini enables switching and dimming of various electrical loads. After the initial installation and the mains supply is cut off, the universal dimmer automatically detects the connected load (inductive, ohmic or capacitive) and sets the suitable dimming procedure with **leading edge** or **trailing edge** principle. Capacitive loads (e.g. Gira Tronic transformers) and inductive loads (e.g. conventional transformers) **cannot** be connected to the radio universal dimmer Mini at the same time.
On/Off function on device, dimming function via corresponding radio transmitters.

- Short-circuit and excess-temperature protection
- The desired brightness value can be saved (memory function).
- Up to 30 radio channels can be assigned to the radio universal dimmer.
- When a radio controlled observer telegram is received, the radio universal dimmer switches on for a delay time of approx. 1 minute.
- The radio universal dimmer can be integrated into up to 5 light scenes. They are called up and saved with the corresponding radio transmitters (e.g. Comfort remote control).
- Automatic assignment of an existing All ON or All OFF button.
- Light control can be carried out with a radio presence detector. **Note:** A combination of presence detectors and observers cannot be assigned.

Please observe the planning information in the technical appendix.

Power supply:	230 V AC, 50/60 Hz
Connected load:	50 to 210 W/VA 230 V light bulbs (ohmic load, **trailing edge**) HV halogen (ohmic load, **trailing edge**) Gira Tronic transformer (capacitive load, trailing **edge** control) **or** wound transformers (inductive load, **leading edge**) Mixed loads of specified load types. For mixed loads with wound transformers, do not exceed a 50 % ohmic load (light bulbs, HV halogen).
Reception frequency:	433.42 MHz
Dimensions:	∅ x H 52 x 28 mm

Radio controller 0358 18 → Page 540.
Radio transmitter:
0318 .., 412 00, 0441 00, 0511 00, 0521 00, 0527 00, 1111 .., 1113 .., 2251 .., 2252 .., 2254 .. → Page 542.
Radio module for smoke detector dual/VdS (only switches on) 2341 00 → Page 541.
Radio controlled observer (only switching here) 0826 02 → Page 547.
Radio automatic control switch (only switching here) 1306 .. → Page 548.
eNet radio transformer ZS 5323 02 → Page 523.

i 77

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Radio universal cord dimmer

50 – 315 W/VA

black	**0335 01**	1	02

The radio universal cable dimmer enables switching and dimming of standing and table lamps with different load types. The cable dimmer is installed in the cable of the lights. After the initial installation and once the mains supply is cut off, the universal dimmer automatically detects the connected load (inductive, ohmic or capacitive) and sets the suitable dimming procedure with **trailing edge** control or **leading edge** control.
Capacitive loads (e.g. Gira Tronic transformers) and inductive loads (e.g. conventional transformers) **cannot** be connected to the radio universal cable dimmer at the same time.
On/Off function at device, dim function via respective radio transmitter.
Auxiliary unit operation is possible in conjunction with the System 2000 auxiliary insert.

- Short-circuit and excess-temperature protection
- The desired brightness value can be saved (memory function).
- Up to 30 radio channels can be assigned to the radio universal cable dimmer.
- When a radio controlled observer telegram is received, the radio universal cord dimmer switches on for a delay period of approx. 1 minute.
- The radio universal cable dimmer can be integrated into up to 5 light scenes. They are called up and saved with the corresponding radio transmitters (e.g. Comfort remote control).
- Automatic assignment of an existing All ON or All OFF button.
- Light control can be carried out with a radio presence detector. **Note:** A combination of presence detectors and observers cannot be assigned.

Please observe the planning information in the technical appendix.

Power supply:	230 V AC, 50 Hz
Connected load:	50 to 315 W/VA 230 V light bulbs (ohmic load, **trailing edge**) HV halogen (ohmic load, **trailing edge**) Gira Tronic transformer (capacitive load, trailing **edge** control) **or** wound transformers (inductive load, **leading edge**) Mixed loads of specified load types. For mixed loads with wound transformers, do not exceed a 50 % ohmic load (light bulbs, HV halogen).
Power boosters to be connected:	max. 10
Reception frequency:	433.42 MHz
Dimensions:	L x W x H 126 x 60 x 28 mm
Temperature range:	0 °C to +55 °C

System 2000 auxiliary insert 0333 00 → Page 283.
Radio controller 0358 18 → Page 540.
Radio transmitter:
0318 .., 412 00, 0441 00, 0511 00, 0521 00, 0527 00, 1111 .., 1113 .., 2251 .., 2252 .., 2254 .. → Page 542.
Radio module for smoke detector dual/VdS (only switches on) 2341 00 → Page 541.
Radio controlled observer (only switching here) 0826 02 → Page 547.
Radio automatic control switch (only switching here) 1306 .. → Page 548.
eNet radio transformer ZS 5323 02 → Page 523.

i 77

	Order no.	Packing unit	PS



Radio universal dimmer

50 – 315 W/VA

Surface-mounted installation housing	**0809 00**	1	02

The radio universal dimmer enables switching and dimming of various electrical loads. After the initial installation and once the mains supply is cut off, the universal dimmer automatically detects the connected load (inductive, ohmic or capacitive) and sets the suitable dimming procedure with **trailing edge** control or **leading edge** control.
Capacitive loads (e.g. Gira Tronic transformers) and inductive loads (e.g. conventional transformers) **cannot** be connected to the radio universal dimmer at the same time.
On/Off function at device, dim function via respective radio transmitter.
Auxiliary unit operation is possible in conjunction with the System 2000 auxiliary insert.

- Short-circuit and excess-temperature protection
- The desired brightness value can be saved (memory function).
- Up to 30 radio channels can be assigned to the radio universal dimmer.
- When a radio controlled observer telegram is received, the radio universal dimmer switches on for a delay period of approx. 1 minute.
- The radio universal dimmer can be integrated into up to 5 light scenes. They are called up and saved with the corresponding radio transmitters (e.g. Comfort remote control).
- Automatic assignment of an existing All ON or All OFF button.
- Light control can be carried out with a radio presence detector. **Note:** A combination of presence detectors and observers cannot be assigned.
- Power expansion via power booster

Please observe the planning information in the technical appendix.

Power supply:	230 V AC, 50 Hz
Connected load:	50 to 315 W/VA 230 V light bulbs (ohmic load, **trailing edge**) HV halogen (ohmic load, **trailing edge**) Gira Tronic transformer (capacitive load, trailing **edge** control) **or** wound transformers (inductive load, **leading edge**) Mixed loads of specified load types. For mixed loads with wound transformers, do not exceed a 50 % ohmic load (light bulbs, HV halogen).
Reception frequency:	433.42 MHz
Dimensions:	L x W x H 187 x 28 x 28 mm
Temperature range:	0 °C to +55 °C

System 2000 auxiliary insert 0333 00 → Page 283.
Radio controller 0358 18 → Page 540.
Radio transmitter:
0318 .., 412 00, 0441 00, 0511 00, 0521 00, 0527 00, 1111 .., 1113 .., 2251 .., 2252 .., 2254 .. → Page 542.
Radio module for smoke detector dual/VdS (only switches on) 2341 00 → Page 541.
Radio controlled observer (only switching here) 0826 02 → Page 547.
Radio automatic control switch (only switching here) 1306 .. → Page 548.
eNet radio transformer ZS 5323 02 → Page 523.
Universal power booster 1035 00 → Page 289.
Tronic power booster 0380 00 → Page 289.
LV power booster 0364 00 → Page 290.

i 78

	Order no.	Packing unit	PS



Radio control unit 1–10 V

1 – 10 V

Surface-mounted installation housing	**0865 00**	1	02

The radio control device 1–10 V enables switching and dimming of fluorescent lamps via electronic ballast or electronic transformers with standardised 1–10 V interfaces pursuant to DIN EN 60928 (electrically isolated between mains supply and 1–10 V input).
On/Off function at device, dim function via respective radio transmitter.

- The desired brightness value can be saved (memory function).
- Up to 30 radio channels can be assigned to the radio control device.
- When a radio controlled observer telegram is received, the radio control device switches on for a delay period of approx. 1 minute.
- The radio control device can be integrated into up to 5 light scenes. They are called up and saved with the corresponding radio transmitters (e.g. Comfort remote control).
- Automatic assignment of an existing All ON or All OFF button.
- Light control can be carried out with a radio presence detector. **Note:** A combination of presence detectors and observers cannot be assigned.

Please observe the planning information in the technical appendix.

Power supply:	230 V AC, 50 Hz
Control voltage:	1 to 10 V
Control current:	max. 15 mA
Electrical isolation 1 – 10 V:	2 kV base insulation
Connected load Ohmic load:	max. 1800 W
Electronic ballast, transformer:	type dependent
Reception frequency:	433.42 MHz
Dimensions:	L x W x H 187 x 28 x 28 mm
Temperature range:	0 °C to +55 °C

Radio controller 0358 18 → Page 540.
Radio transmitter:
0318 .., 412 00, 0441 00, 0511 00, 0521 00, 0527 00, 1111 .., 1113 .., 2251 .., 2252 .., 2254 .. → Page 542.
Radio module for smoke detector dual/VdS (only switches on) 2341 00 → Page 541.
Radio controlled observer (only switching here) 0826 02 → Page 547.
Radio automatic control switch (only switching here) 1306 .. → Page 548.
eNet radio transformer ZS 5323 02 → Page 523.
Switch-on current limiter 0810 00 → Page 293.

i 78

	Order no.	Packing unit	PS



Radio socket outlet adapter for switching

pure white	**0401 02**	1	02
anthracite	**0401 10**	1	02

The radio socket outlet adapter is used for switching electrical loads (230 V AC) with a power plug. It has integrated child protection (increased contact protection in accordance with E VDE 0624).
The radio socket outlet adapter can be assigned up to 30 radio channels.

- When a radio controlled observer telegram is received, the socket outlet adapter switches on for a delay period of approx. 1 minute.
- The socket outlet adapter can be integrated into up to 5 light scenes. They are called up and saved with the corresponding radio transmitters (e.g. Comfort remote control).
- Automatic assignment of an existing All ON or All OFF button.
- Light control with a radio presence detector in 2-point mode (load switched on or off). **Note:** A combination of presence detectors and observers cannot be assigned.

Please observe the planning information in the technical appendix.

Power supply:	230 V AC, 50/60 Hz
fuse protection:	T 6.3 H 250 V
Contact rating:	1000 W light bulbs 1000 W HV halogen 750 VA LV halogen for wound transformer with at least 85 % rated load 750 W LV halogen, Gira Tronic transformer 500 VA fluorescent lamps, not compensated 400 VA fluorescent lamps, parallel-compensated 1000 VA fluorescent lamps, dual switching Observe high peak switch-on currents with „energy saving lamps“. Check suitability of the lamps before use!
Reception frequency:	433.42 MHz
Temperature range:	-20 °C to +55 °C
Dimensions:	L x W x D 136 x 70 x 72 mm

Radio controller 0358 18 → Page 540.
Radio transmitter:
0318 .., 0412 00, 0441 00, 0511 00, 0521 00, 0527 00, 0826 02, 1111 .., 1113 .., 1306 .., 2251 .., 2252 .., 2254 .., 2256 .. → Page 542.
Radio module for smoke detector dual/VdS (only switches on) 2341 00 → Page 541.
eNet radio transformer ZS 5323 02 → Page 523.

i 91

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Radio socket outlet adapter for dimming

50 – 420 W/VA

pure white	**1185 02**	1	02
anthracite	**1185 10**	1	02

The radio socket outlet adapter for dimming allows radio-controlled switching and dimming of lights. It has integrated child protection (increased contact protection in accordance with E VDE 0624). After the initial installation and once the mains supply is cut off, the radio socket outlet adapter automatically detects the connected load (inductive, ohmic or capacitive) and sets the suitable dimming procedure with **leading edge** or **trailing edge** principle.
Capacitive loads (e.g. Gira Tronic transformers) and inductive loads (e.g. conventional transformers) **cannot** be connected to the radio socket outlet adapter at the same time.
On/Off function on device, dimming function via corresponding radio transmitters.

- Short-circuit and excess-temperature protection.
- The desired brightness value can be saved (memory function).
- Up to 30 radio channels can be assigned to the radio socket outlet adapter.
- When a radio controlled observer telegram is received, the radio socket outlet adapter switches on for a delay period of approx. 1 minute.
- The radio socket outlet adapter can be integrated into up to 5 light scenes. They are called up and saved with the corresponding radio transmitters (e.g. Comfort remote control).
- Automatic assignment of an existing All ON or All OFF button.
- Light control can be carried out with a radio presence detector.
  Note: A combination of presence detectors and observers cannot be assigned.

Please observe the planning information in the technical appendix.

Power supply:	230 V AC, 50/60 Hz
Connected load:	50 to 420 W/VA 230 V light bulbs (ohmic load, **trailing edge**) HV halogen (ohmic load, **trailing edge**) Gira Tronic transformer (capacitive load, trailing **edge** control) **or** wound transformers (inductive load, **leading edge**) Mixed loads of specified load types. For mixed loads with wound transformers, do not exceed a 50 % ohmic load (light bulbs, HV halogen).
Reception frequency:	433.42 MHz
Dimensions:	L x W x D 136 x 70 x 72 mm
Temperature range:	+5 °C to +35 °C

Radio controller 0358 18 → Page 540.
Radio transmitter:
0318 .., 0412 00, 0441 00, 0511 00, 0527 00, 1111 .., 1113 .., 2251 .., 2252 .., 2254 .. → Page 542.
Radio module for smoke detector dual/VdS (only switches on)
2341 00 → Page 541.
Radio universal transmitter 2 (only switching here)
0521 00 → Page 546.
Radio controlled observer (only switching here)
0826 02 → Page 547.
Radio automatic control switch (only switching here)
1306 .. → Page 548.
eNet radio transformer ZS 5323 02 → Page 523.

	Order no.	Packing unit	PS



Radio power section surface-mounted

pure white	**0843 02**	1	08

The radio power section enables switching of electrical loads. On the receipt of the radio telegram of a radio observer **0826 02** or radio presence detector **0318 02/04**, the brightness value, which when dropped below activates the system, can also be set set in the radio power section.

Switch-on time:	In the range 10 s to 15 min continuously adjustable
Brightness sensor:	3 to 80 lux

In combination with a conventional push button (NC contact) or a radio hand-held/wall or multi-function transmitter, additional functions (brightness-independent) in the radio power section enable switching on for the duration of the set time, permanent-on or permanent-off. In each case, the device switches back to the normal mode again after 2 hours.
Up to 30 radio channels can be allocated to the radio power section.

Please observe the planning information in the technical appendix.

Power supply:	230 V AC, 50 Hz
Switching contact:	Relay
Contact rating:	2300 W light bulbs 2300 W HV halogen 1000 VA LV halogen, wound transformer 1500 W LV halogen, Gira Tronic transformer 1200 VA fluorescent lamps, not compensated 920 VA fluorescent lamps, parallel-compensated 2300 VA fluorescent lamps, dual switching
Reception frequency:	433.42 MHz
Temperature range:	-25 °C to +55 °C
Protection type:	IP 55
Dimensions:	W x H x D 110 x 94 x 38 mm

Radio transmitter:
0318 .., 0412 00, 0441 00, 0511 00, 0521 00, 0527 00, 0826 02, 1111 .., 1113 .., 1306 .., 2251 .., 2252 .., 2254 .., 2256 .. → Page 542.

i 79

	Order no.	Packing unit	PS



Radio reception module

DRA	**1133 00**	1	02

The radio reception module receives radio telegrams and forwards these to the various radio DRA actuators via a separate data cable. The device has an integrated antenna for receiving the radio telegrams. In unfavourable installation conditions (e.g. metal distribution cabinet), an external antenna (radio additional antenna DRA **1138 00**) can be connected.
A shielded cable with twisted wires and a cable diameter of 0.8 mm is to be used. The entire length of the data cable to the radio DRA actuators may not exceed 3 m. Up to 30 radio DRA actuators can be networked with a radio reception module.
Installation on DIN cap rail.
Please observe the planning information in the technical appendix.

Power supply:	230 V AC, 50/60 Hz
data cable:	J-Y(St)Y 2x2x0.8 YCM 2x2x0.8
length of the data cable:	max. 3 m
Reception frequency:	433.42 MHz
Protection type:	IP 20
Dimensions:	DRA device, 2 depth module

Radio additional antenna DRA 1138 00 → Page 560.
Radio controller 0358 18 → Page 540.
Radio transmitter:
0318 .., 0412 00, 0441 00, 0511 00, 0521 00, 0527 00, 0826 02, 1111 .., 1113 .., 1306 .., 2251 .., 2252 .., 2254 .., 2256 .. → Page 542.
Controllable receiver:
1132 00, 1134 00, 1135 00, 1136 00, 1137 00, 1155 00
Radio module for smoke detector dual/VdS (only switches on, only moves up) 2341 00 → Page 541.
eNet radio transformer ZS 5323 02 → Page 523.

i 80



Additional radio antenna

	1138 00	1	02

External antenna for the radio reception module DRA **1133 00** in unfavourable installation conditions (e.g. metal distribution cabinet).
Radio reception module DRA 1133 00 → Page 560.

	Order no.	Packing unit	PS



Radio DRA actuator

Radio switching actuator

DRA	**1134 00**	1	02

Radio momentary-contact actuator

DRA	**1132 00**	1	02

The radio DRA actuator receives radio telegrams for switching electrical loads from the radio reception module **1133 00** via a separate data cable. The radio actuator can also be operated via an auxiliary unit (push button). Max. 30 radio channels. Installation on DIN top-hat rail.
Note: A combination of presence detectors and observers cannot be assigned.
Please observe the planning information in the technical appendix.

Power supply:	230 V AC, 50/60 Hz
Switching contact:	relay (10 A)
Contact rating:	2300 W light bulbs 2300 W HV halogen 1000 VA LV halogen, wound transformer 1500 W LV halogen, Gira Tronic transformer 1200 VA fluorescent lamps, not compensated 920 VA fluorescent lamps, parallel-compensated 2300 VA fluorescent lamps, dual switching
Protection type:	IP 20
Dimensions:	DRA device, 2 depth module

Radio reception module DRA 1133 00 → Page 560.

Radio switching actuator

- Can be integrated into up to 5 light scenes. These are called up and saved with the corresponding radio transmitters (e.g. Comfort remote control).
- Automatic assignment of an existing All ON or All OFF button.
- When a radio controlled observer telegram is received, the switching actuator switches on for a delay time of approx. 1 minute.
- Light control with a radio presence detector in 2-point operation (load switched on or off).

Radio momentary-contact actuator

The DRA radio momentary-contact actuator closes its relay contact as long as it receives assigned radio telegrams to switch on (max. 16 sec.). These telegrams are sent via a remote control, for example. If no more radio telegrams are received, the radio momentary-contact actuator opens the relay contact again.
When a radio controlled observer telegram is received the momentary-contact actuator switches on for 0.3 s.
Note: The following functions are not supported by the radio momentary-contact actuator: all ON, all OFF, light scenes and light control.

i 80

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Radio switching actuator, 4-gang, with manual activation

DRA	**1155 00**	1	02

The radio switching actuator receives radio telegrams for switching electrical loads (230 V AC/ 10 A) from the radio reception module **1133 00** via a separate data cable. Installation on DIN cap rail.

- max. 30 radio channels.
- It can be integrated into up to 5 light scenes. They are called up and saved with the corresponding radio transmitters (e.g. Comfort remote control).
- Automatic assignment of an existing All ON or All OFF button.
- When a radio controlled observer telegram is received, the switching actuator switches on for a delay period of approx. 1 minute.
- Light control with a radio presence detector in 2-point mode (load switched on or off).
  Note: A combination of presence detectors and observers cannot be assigned.

Please observe the planning information in the technical appendix.

Power supply:	230 V AC, 50/60 Hz
Switching contact:	relay (10 A)
Contact rating:	2300 W light bulbs 2300 W HV halogen 1000 VA LV halogen, wound transformer 1500 W LV halogen, Gira Tronic transformer 1200 VA fluorescent lamps, not compensated 920 VA fluorescent lamps, parallel-compensated 2300 VA fluorescent lamps, dual switching
Protection type:	IP 20
Dimensions:	DRA device, 4 depth modules

Radio reception module DRA 1133 00 → Page 560.

i 81



Radio blind actuator, 1-gang

DRA	**1136 00**	1	02

The radio blind actuator receives radio telegrams for the control of a blind or shutter drive from the radio reception module **1133 00** via a separate data cable. Installation on DIN cap rail.

- max. 14 radio channels.
- The end position of the blind (all the way up, all the way down) can be combined with the illumination into light scenes (max. 5).
- With a brief press of a button (< 1 s) of a radio transmitter, a pulse corresponding to the amount of time the button is pressed is generated
  (e.g. for slat adjustment).
- Pressing and holding a button (>1 s) of a radio transmitter activates continuous operation for approx. 2 min
- Electronic locking of the radio blind actuator.

Please observe the planning information in the technical appendix.

Power supply:	230 V AC, 50/60 Hz
Contact rating:	700 W
Relay output:	2 NO contact relays (potentially charged and locked back-to-back)
Switching time with change of movement direction:	approx. 1 second
extended run:	approx. 2 min
Protection type:	IP 20
Dimensions:	DRA device, 2 depth module

Radio reception module DRA 1133 00 → Page 560.

i 81

	Order no.	Packing unit	PS



Radio-universal dimming actuator, 1-gang

DRA	**1135 00**	1	02

The radio universal dimming actuator receives radio telegrams for switching and dimming various electrical loads from the radio reception module **1133 00** via a separate data cable. After the initial installation and once the mains supply is cut off, the universal dimmer automatically detects the connected load (inductive, ohmic or capacitive) and sets the suitable dimming procedure with **leading edge** or **trailing edge** principle.
Capacitive loads (e.g. Gira Tronic transformers) and inductive loads (e.g. conventional transformers) **cannot** be connected to the radio universal cord dimmer at the same time. Auxiliary unit operation is possible in conjunction with the System 2000 auxiliary insert.
Installation on DIN cap rail.

- max. 30 radio channels.
- It can be integrated into up to 5 light scenes. They are called up and saved with the corresponding radio transmitters (e.g. Comfort remote control).
- Short-circuit and excess-temperature protection.
- The desired brightness value can be saved (memory function).
- When a radio controlled observer telegram is received, the radio universal dimmer switches on for a delay period of approx. 1 minute.
- Automatic assignment of an existing All ON or All OFF button.
- Light control can be carried out with a radio presence detector.
  Note: A combination of presence detectors and observers cannot be assigned.
- Power expansion via power booster

Please observe the planning information in the technical appendix.

Power supply:	230 V AC, 50 Hz
Connected load:	50 to 400 W/VA 230 V light bulbs (ohmic load, **trailing edge**) HV halogen (ohmic load, **trailing edge**) Gira Tronic transformer (capacitive load, trailing **edge** control) **or** wound transformers (inductive load, **leading edge**) Mixed loads of specified load types. For mixed loads with wound transformers, do not exceed a 50 % ohmic load (light bulbs, HV halogen).
Protection type:	IP 20
Dimensions:	DRA device, 4 depth modules

Radio reception module DRA 1133 00 → Page 560.
Universal power booster 1035 00 → Page 289.
Tronic power booster 0380 00 → Page 289.
LV power booster 0364 00 → Page 290.

i 82

	Order no.	Packing unit	PS



Radio control unit 1 – 10 V, 1-gang

DRA	**1137 00**	1	02

The radio control unit 1–10 V receives radio telegrams from the radio reception module **1133 00** via a separate data cable for switching and dimming fluorescent lamps via electronic ballasts or electronic transformers with standard 1–10 V interface in accordance with DIN EN 60928 (electrical isolation between mains supply and 1–10 V input). Installation on DIN cap rail.

- max. 30 radio channels.
- It can be integrated into up to 5 light scenes. They are called up and saved with the corresponding radio transmitters (e.g. Comfort remote control).
- The desired brightness value can be saved (memory function).
- When a radio controlled observer telegram is received, the radio control device switches on for a delay period of approx. 1 minute.
- Automatic assignment of an existing All ON or All OFF button.
- Light control can be carried out with a radio presence detector. **Note:** A combination of presence detectors and observers cannot be assigned.

Please observe the planning information in the technical appendix.

Power supply:	230 V AC, 50 Hz
Control voltage:	1 to 10 V
Control current:	max. 15 mA
Electrical isolation	
1 – 10 V:	2 kV base insulation
Connected load:	1800 W ohmic load type-dependent electronic ballast
Protection type:	IP 20
Dimensions:	DRA device, 4 depth modules

Radio reception module DRA 1133 00 → Page 560.

i 82



Radio motor valve drive

	1187 00	1	02

Radio-controlled valve drive for actuation of heating valves for single-room control in conjunction with a floor heater, radiator or convection heater. The battery-operated radio motor valve drive is operated via the radio room temperature sensor or the radio controller.
Easy installation via attachment of the valve drive to the valve adapter. The valve adapter (M 30 x 1.5) contained in the scope of supply enables installation on virtually all common valves.
With status indication (open or closed).
Remote sensor can be connected, e.g. for installation behind panelling. Emergency mode in case of unassigned transmitter or drained battery

Power supply:	3 V DC
Batteries:	2 x 1.5 V Mignon LR06 (AA) (not included in scope of supply)
Valve stroke:	7.5 mm
Regulating power:	60 N
Average temperature:	max. 100 °C
Dimensions:	W x H x D 51 x 80 x 60 mm

Radio room temperature sensor with clock 1186 .. → Page 548.
Radio controller 0358 18 → Page 540.
Remote sensor 1188 00 → Page 562.

	Order no.	Packing unit	PS



Remote sensor for radio motor valve drive

white	**1188 00**	1	02

Remote sensor for the radio motor valve drive for temperature detection in the room with partitioned installation, e.g. behind radiator panelling.
Cable length: max. 3 m

Radio motor valve drive 1187 00 → Page 562.

The delivery results subject to countries specific assortments.

Combination



Radio repeater surface-mounted

	Order no.	Packing unit	PS
pure white	**0867 00**	1	02

The radio repeater increases the range and thus the working range of the radio bus system.
The repeater also receives weaker radio telegrams from the radio transmitters and transmits them at maximum power after checking them.
Only radio telegrams from previously assigned radio transmitters are passed on, so as to avoid interference by devices in the area (one-time forwarding, no cascading!)

- Operating condition indication via LED
- High radio sensitivity
- Long transmission range
- Programming mode can be set via rotary switch

Up to 60 radio transmitters can be assigned to the radio repeater. Only one channel each of the radio transmitter need be assigned for the forwarding of all channels of a remote control, wall transmitter or universal transmitter.
Please observe the planning information in the technical appendix.

Power supply:	230 V AC, 50 Hz
Rated power consumption:	approx. 2 W
Length of mains cable:	1.5 m
Protection type:	IP 20 (connection with accompanying mains cable and/or antenna brought out of the device) IP 54 (fixed connection with NYM-J 3x1.5 cable and antenna not brought out of the device)
Reception frequency:	433.42 MHz
Temperature range:	-20 °C to +55 °C
Dimensions:	W x H x D 110 x 94 x 38 mm

Radio controller 0358 18 → Page 540.
Radio transmitter:
0318 .., 0412 00, 0441 00, 0511 00, 0521 00, 0527 00, 0826 02, 1111 .., 1113 .., 1306 .., 2251 .., 2252 .., 2254 .., 2256 .. → Page 542.

Gateway



Surface-mounted radio KNX/EIB converter

	Order no.	Packing unit	PS
pure white	**0868 00**	1	06

Product family: Communication
Product type: Radio
The radio KNX converter enables coupling a radio bus installation to a KNX installation. The radio telegrams are converted into corresponding KNX telegrams. Up to 50 radio channels can be assigned.
Properties which can be adjusted with software via the ETS 2 or higher:

- Switching, toggling
- Dimming
- Blind
- Value transmitters
- Light scene and light scene auxiliary unit
- Automatic control switch
- Universal transmitter as switch

The operating voltage is provided solely by the KNX. A 9 V battery (not included in scope of supply) is also required, but only for the assignment of radio bus transmitters.
Please observe the planning information in the technical appendix.

Connections:	KNX/EIB via connection and branch terminal **0595 00**
Temperature range:	-5 °C to +45 °C
Protection type:	IP 20
Dimensions:	W x H x D 110 x 94 x 38 mm

Radio transmitter:
0412 00, 0511 00, 0527 00, 0826 02, 1111 .., 1113 .., 1306 .., 2251 .., 2252 .., 2254 .. → Page 542.
KNX/EIB connection and branch terminal 0595 00 → Page 510.

Accessories

Inscription space for push button sensors

transparent	**0014 01**	5/25	06
tinted	**0014 06**	5/25	06

Suitable for push button sensors from S-Color.
As a spare-part requirement or for exchange.
Push button sensor, 1-gang with inscription space 0881 .. → Page 551.
Push button sensor, 2-gang with inscription space 0882 .. → Page 551.
Push button sensor, 4-gang with inscription space 0884 .. → Page 551.

Gira smoke alarm device Dual/VdS
The Gira smoke alarm device Dual/Vds is equipped with two identification processes, thus achieving twice the safety. It optically identifies small smoke particles before the situation gets too precarious and dangerous for people. In addition, thermal sensors measure temperature changes within the room. In this way, various types of fire such as smouldering fires or liquid fires can be registered more rapidly and securely identified. The optical smoke detection can be deactivated, which is why the Gira smoke alarm device Dual/VdS can be installed without problems in rooms with unavoidable disturbances such as kitchen vapours, dust and electrical interference.

Radio diagnosis tool
When the radio module/VdS is installed, the Gira radio diagnosis tool enables checking Gira smoke alarm devices Dual/VdS from the floor or from outside the room, for example from staircases. It consists of the radio diagnosis USB box and the radio diagnosis software 1.0, which can be used intuitively. Data transmission is carried out without removing the device.

Advantages
Smoke alarm device Dual/VdS
Double the safety with two measuring processes - optical and thermal

VdS approval in accordance with 14604

High false alarm safety due to tracking of soiling

Intended deactivation of optical smoke detection

Can be interconnected with up to 40 other smoke alarm devices

Disassembly safeguard

Can be integrated into the Gira radio bus system via radio module/VdS

Connection of external alarm devices possible via relay module

Available as 9 V and 230 V variants

Smoke alarm device Dual/VdS colours
Pure white glossy

Design
Phoenix Design, Stuttgart

Product information
www.gira.com/brochures

Gira smoke alarm device Dual/VdS radio diagnosis tool





1



2



3

1
Smoke detector basic/VdS, pure white

2
Smoke alarm device Dual/VdS, 9 V variant
pure white glossy

3
Smoke alarm device Dual/VdS, 230 V variant
pure white glossy

4
Sun sensor

5
Wind sensor

6
Glass-breakage sensor

Smoke alarm devices, signallers and sensors

The alarm devices and sensors from the Gira product range increase safety and convenience in the home. The sensors measure humidity, wind speed, brightness, temperature, motion or time and apply important protective functions, adapted to the results they have determined, fully automatically.

Advantages of alarm devices and sensors
They can be combined with Gira blind controllers and they can be integrated in the Gira KNX system and the Gira radio bus system.

The cables of the sun and glass-breakage sensors can always be connected VDE-compliant, regardless of whether they're installed flush-mounted, under wallpaper or surface-mounted. The flush-mounted insert with an auxiliary input offers a connection option for any case.

Smoke alarm devices, alarm devices and sensors

Smoke detector basic/VdS	567
Smoke alarm device Dual/VdS, 9 V variant	567
Base for 230 V variant	567
Smoke alarm device Dual/VdS, 230 V variant	568
Radio module/VdS	568
Relay module	569
Signallers and sensors	570

supplementing the

Blind control system	304
KNX system	416
Radio bus system	534



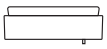
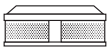
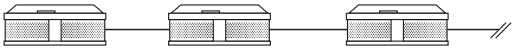
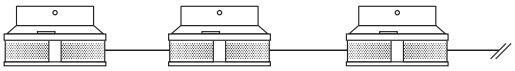
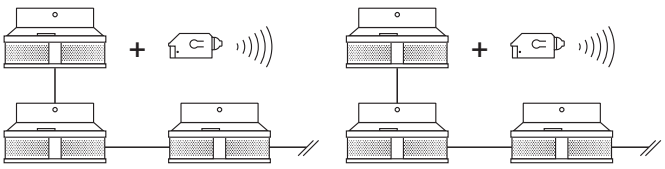
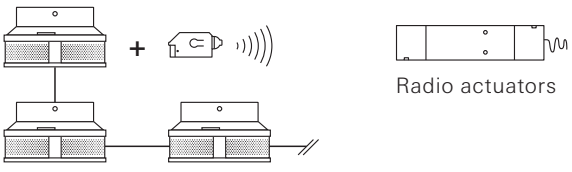
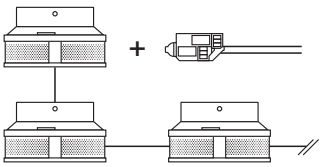
4



5



6

Variants, product range		Networking options
Gira smoke detector basic/VdS Order No. **1144 02** Pure white **Gira smoke detector basic/VdS Lithium** Order No. **1146 02** Pure white		Use exclusively as an individual device 
Gira smoke alarm device Dual/VdS, 9 V variant The Gira smoke alarm device Dual/VdS is supplied with power via a 9 V monoblock battery. The automatic function test regularly tests the power supply and functions of the smoke alarm device. If the battery voltage drops below a defined point, the smoke alarm	device signals that the battery has to be replaced for 30 days. The smoke alarm device is completely functional during this period. The integrated twilight sensor switches off the battery warning signal in darkness. Order No. **2330 02** Pure white glossy	Use as individual device  Networking of a maximum of 40 devices via the 2-wire cable 
Gira smoke alarm device Dual/VdS, 230 V variant The Gira smoke alarm device Dual/Vds can be operated via the existing 230 V mains supply. Up to 40 devices can be networked via the 230 V supply. Order No. **2334 02** Pure white glossy	**230 V base for retrofitting** A 230 V base is available for the battery-operated Gira smoke alarm device Dual/VdS for retrofitting the networking capability and supplying power via the 230 V cable. Order No. **2331 02** Pure white glossy	Networking of a maximum of 40 devices via the 230 V cable 
Radio module/VdS There is an option to expand the Gira smoke alarm device Dual/VdS either with a radio module or a relay module. When equipped with a radio module, the Gira smoke alarm device Dual/VdS can be integrated in the Gira radio bus system. A transmission range of 100 m (free field) can be achieved per radio module. If a smoke alarm device with radio module is programmed as a repeater, the range can be broadened even further. In addition, it is also possible to integrate the new Gira smoke alarm device Dual/VdS with radio module into already existing installations equipped with Gira smoke alarm devices modular/VdS with radio modules. Order No. **2341 00**	[1] Radio wall transmitter insert (Order No. **0511 00**) combined with one of the matching top units or radio wall transmitters (flat design) (Order No. **1111 ..**, **1113 ..**, **2251 ..**, **2252 ..**, **2254 ..**), radio remote control Comfort (Order No. **0527 00**), radio remote control Mini (Order No. **0412 00**), radio universal transmitter 2 (Order No. **0521 00**), radio multi-function transmitter (Order No. **0441 00**).	Networking of a maximum of 40 devices via a radio bus system  Combined networking of a maximum of 40 devices  Combined networking of a maximum of 40 devices using the Gira radio bus system, e.g. blinds, light or alarm  Radio actuators Muting via a radio transmitter[1] [max. of 14 devices can be taught in] following local alarm signalling for approx. 10 minutes 
Relay module Equipped with a relay module, the Gira smoke alarm device Dual/VdS can be connected to external alarm devices, such as a horn or warning light.	In addition, alarm and fault messages, e.g. on a TeleCoppler or alarm control unit, can be switched or forwarded to the KNX system via a push button interface. Order No. **2340 00**	Integration of additional devices such as EIB push button interface, TeleCoppler or horn via the relay module 


Smoke alarm device Dual/VdS, 9 V variant


230 V base for smoke alarm device Dual/VdS, 9 V variant


Smoke alarm device Dual/VdS, 230 V variant

	Order no.	Packing unit	PS

Smoke detector



Smoke detector basic/VdS

pure white	**1144 02**	1	03

Battery-operated home smoke detector with VdS approval. It operates based on the photo-electric scattered light principal without emitting radioactive particles. The smoke detector detects smoke accumulation early and emits a warning signal before the concentration of smoke can become hazardous to people. Alarm signalling occurs via a loud pulsing alarm tone and a flashing LED.

- Integrated test button for function test
- Automatic self-test
- Battery replacement indicator
- Soiling/Fault display

Do **not** install the smoke detector In rooms in which strong water vapour, dust or smoke arise under normal conditions. Due to the scattered-light principle, unfavourable environmental factors, e.g. dust, condensed water or draught air, can result in alarms.

Battery:	9 V monobloc battery (batteries included in the scope of supply are consumables and must be replaced regularly)
acoustic alarm:	approx. 85 dB(A)
Operating temperature:	+5 °C to +45 °C
Dimensions:	∅ x H 110 x 40 mm
Protection type:	IP 42
VdS approval:	G 205,141
approval in accordance with:	DIN EN 14604



Smoke detector basic/VdS lithium

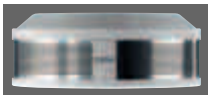
pure white	**1146 02**	1	03

Battery-operated home smoke detector with VdS approval including voltage-stable 9 V lithium battery (included in scope of supply). **Battery life approx. 5 years.** It operates based on the photo-electric scattered light principal without emitting radioactive particles. The smoke detector detects smoke accumulation early and emits a warning signal before the concentration of smoke can become hazardous to people. Alarm signalling occurs via a loud pulsing alarm tone and a flashing LED.

- Integrated test button for function test
- Automatic self-test
- Battery replacement indicator
- Soiling/Fault display

Do **not** install the smoke detector In rooms in which strong water vapour, dust or smoke arise under normal conditions. Due to the scattered-light principle, unfavourable environmental factors, e.g. dust, condensed water or draught air, can result in alarms.

Battery:	9 V lithium monoblock battery (U9VL-J) (included in scope of supply)
acoustic alarm:	approx. 85 dB(A)
Operating temperature:	+5 °C to +45 °C
Dimensions:	∅ x H 110 x 40 mm
Protection type:	IP 42
VdS approval:	G 205,141
approval in accordance with:	DIN EN 14604



Smoke alarm device Dual/VdS

pure white glossy	**2330 02**	1	03

Battery-operated combined smoke alarm device heat detector for home use with VdS (Association of German Property Insurers) recognition and interface for acceptance of a radio or relay module. The smoke detection operates based on the photo-electric scattered light principal without radioactive particles. The smoke alarm device detects smoke or heat accumulation early and emits a warning signal before the concentration of smoke becomes hazardous to people. Alarm signalling occurs via a loud pulsing alarm tone and a flashing ring indicator.

Up to 40 smoke alarm devices can be interconnected (wired (e.g., phone cable: J-Y(St)Y 2 x 2 x 0.6 mm) or per radio module). When interconnected, all smoke alarm devices emit an alarm signal if one detects smoke or heat.

The interface enables the fitting of a radio or relay module with simultaneous use of the networking terminal.

With the optional 230 V base for smoke alarm device **2331 02**, power supply with mains voltage (230 V) is possible.

- Integrated test button for function test
- Automatic self-test
- Battery replacement indicator
- Soiling/fault display
- Daylight detection for prevention of fault messages by night (e.g. battery replacement message)

In rooms in which strong water vapour, dust or smoke arise under normal conditions, alarms may be triggered due to the scattered-light principle because of unfavourable environmental factors, e.g. dust, condensed water or draught air. It is possible in these rooms to switch off smoke detection of the smoke alarm device. The smoke alarm device then only operates as a heat detector.

Battery:	9 V monobloc battery (batteries included in the scope of supply are consumables and must be replaced regularly)
acoustic alarm:	approx. 85 dB(A)
Operating temperature:	-5 °C to +55 °C
Dimensions:	∅ x H 125 x 48 mm
Protection type:	IP 42
VdS approval:	G 209 202
approval in accordance with:	DIN EN 14604

Radio module for smoke detector dual/VdS (muting) 2341 00 → Page 568.
Relay module for smoke detector dual/VdS 2340 00 → Page 569.
230 V base for smoke alarm device Dual/VdS 2331 02 → Page 567.
Set of spacer sleeves / screws 2342 02 → Page 569.



230 V base for Smoke alarm device Dual/VdS

	2331 02	1	03

Base with integrated power supply unit for power supply of the smoke alarm device Dual/VdS **2330 02** with mains voltage (230 V).

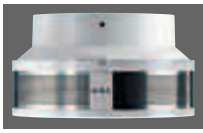
Up to 40 smoke alarm devices can be interconnected via the 230 V line. Connection of the supply cable/networking cable is in the base. Contact is automatic when the smoke alarm device is mounted.

In cases of mains voltage failure, automatic power switchover to the 9V monoblock battery of the smoke alarm device is implemented.

Rated voltage:	230 V AC, 50 Hz
Dimensions:	∅ x H 125 x 25 mm

Smoke alarm device Dual/VdS 2330 02 → Page 567.

	Order no.	Packing unit	PS



Smoke alarm device Dual/VdS incl. 230 V base

pure white glossy	**2334 02**	1	03

combined smoke alarm device AND heat detector for home use with mains supply (230 V) and VdS (Association of German Property Insurers) recognition and interface for acceptance of a radio or relay module. The smoke detection operates based on the photo-electric scattered light principal without radioactive particles. The smoke alarm device detects smoke or heat accumulation early and emits a warning signal before the concentration of smoke becomes hazardous to people. Alarm signalling occurs via a loud pulsing alarm tone.
Up to 40 smoke alarm devices can be interconnected (wired via the 230 V line or per radio module). When interconnected, all smoke alarm devices emit an alarm signal if one detects smoke or heat.
The interface enables the fitting of a radio or relay module with simultaneous use of the networking terminal.

- Integrated test button for function test
- Automatic self-test
- Battery replacement indicator
- Soiling/fault display
- Daylight detection for prevention of fault messages by night

In rooms in which strong water vapour, dust or smoke arise under normal conditions, alarms may be triggered due to the scattered-light principle because of unfavourable environmental factors, e.g. dust, condensed water or draught air. It is possible in these rooms to switch off smoke detection of the smoke alarm device. The smoke alarm device then only operates as a heat detector.

Rated voltage:	230 V AC, 50 Hz
Battery:	9 V monobloc battery (batteries included in the scope of supply are consumables and must be replaced regularly)
acoustic alarm:	approx. 85 dB(A)
Operating temperature:	-5 °C to +55 °C
Dimensions:	∅ x H 125 x 70 mm
Protection type:	IP 42
VdS approval:	G 209 202
approval in accordance with:	DIN EN 14604

Radio module for smoke detector dual/VdS (muting) 2341 00 → Page 568.
Relay module for smoke detector dual/VdS 2340 00 → Page 569.
Set of spacer sleeves / screws 2342 02 → Page 569.

	Order no.	Packing unit	PS



Radio module for smoke detector Dual/VdS

	2341 00	1	03

Radio module for the wireless connection of smoke alarm devices Dual/VdS. If one smoke alarm device detects a fire, all assigned smoke alarm devices sound the alarm.
The radio module is plugged in at the interface of the smoke alarm device Dual/VdS. As the networking terminals of the smoke alarm device can still be used with the module attached, wire-networked lines can be set up which are then networked via radio.
Due to the compatibility to the radio bus system, radio actuators can be controlled via an alarm signal. This can be used for example to switch on the light or run up blinds in the case of an alarm.
With a radio hand-held or wall transmitter, the smoke alarm device can be muted following an alarm for approx. 10 minutes. If another networked smoke alarm device triggers an alarm during this time, e.g. via the 2-wire cable or radio transmission, the smoke alarm device outputs an alarm despite muting.

Note:
Regardless of the type of networking (wired, radio module, relay module), a maximum of 40 smoke alarm devices can be combined.
Please observe the planning information in the technical appendix.

Transmission frequency:	433.42 MHz
Range:	100 m (free field)
Power supply:	From the battery of the modular smoke detector/VdS

Controllable receiver (only switches on):
0335 01, 0401 .., 0404 00, 0413 00, 0424 00, 0543 .., 0565 00, 0809 00, 0843 02, 0865 00, 1133 00, 1185 .., 2255 00 → Page 552.

Controllable receiver (only runs up):
0425 00, 0545 .. → Page 554.

Transmitter for muting:
0412 00, 0441 00, 0511 00, 0521 00, 0527 00, 1111 .., 1113 .., 2251 .., 2252 .., 2254 .. → Page 542.

Modular smoke detector/VdS 1141 .. → Page 567.
Smoke alarm device Dual/VdS 230 V 2334 02 → Page 568.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Relay module for Smoke alarm device Dual/VdS

	2340 00	1	03

Relay module for the smoke alarm device Dual/VdS. Option for connecting external alarm devices, e.g. horn or warning light.
The alarm relay switches with an on-site or networked alarm. The fault relay switches in case of a smoke alarm device fault, e.g. weak battery.
Using the relay module, alarm and fault messages can be switched to a TeleCoppler or integrated into the KNX via the push button interface for example. Fault messages can only be polled by smoke alarm devices equipped with a relay module.
The relay module is simply inserted into the interface of the smoke alarm device Dual/VdS. The networking terminals of the smoke alarm device can continue to be used when the module is attached.

Note:
Regardless of the type of networking (wired, radio module), a maximum of 40 smoke alarm devices can be combined.

alarm output contact:	2-way switch, zero-voltage
fault output contact:	2-way switch, zero-voltage
switching voltage:	max. 30 V
switching current:	max. 1 A

KNX/EIB universal button interface, 2-gang 1118 00 → Page 508.
KNX/EIB universal button interface, 4-gang 1119 00 → Page 508.
Smoke alarm device Dual/VdS 2330 02 → Page 567.
Smoke alarm device Dual/VdS 230 V 2334 02 → Page 568.

	Order no.	Packing unit	PS



Radio diagnosis tool for smoke alarm device Dual/VdS with radio module

	2333 00	1	09

The radio diagnosis tool is intended for the testing of Gira smoke alarm devices Dual/VdS with radio module. It consists of the radio diagnosis USB box and the radio diagnosis software.

Radio diagnosis USB box:
- Connection of the radio diagnosis USB box to the USB interface of a PC
- Connection cable included in scope of supply

Radio diagnosis software:
- Naming of smoke alarm devices
- Combining of smoke alarm devices to groups
- Reading out of various status information for a smoke alarm device: Pollution severity, serial number, battery voltage, temperature and event memory for the last 20 events (e.g. smoke alarm, test alarm or weak battery state).
- Cyclical recording for analysis of faults possible

System requirements:
- PC with Windows XP, Windows Vista or Windows 7 and installed Microsoft .Net Framework 3.5
- Mini-CD compatible CD/DVD drive
- USB interface supplying 500 mA current

Transmission frequency:	433.42 MHz
Range:	100 m (free field)
Temperature range:	-5 °C to +55 °C
Dimensions:	W x H x D 110 x 94 x 38 mm

Modular smoke detector/VdS 1141 .. → Page 567.
Smoke alarm device Dual/VdS 230 V 2334 02 → Page 568.
Radio module for smoke alarm device Dual/VdS 2341 00 → Page 568.

Set of spacer sleeves / screws

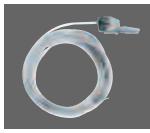
	2342 00	1	03

The set is required for wire routing of the power supply or the wired interconnection to the surface-mounted smoke alarm device Dual/VdS.

Smoke alarm device Dual/VdS 2330 02 → Page 567.
Smoke alarm device Dual/VdS 230 V 2334 02 → Page 568.

	Order no.	Packing unit	PS

Signallers and Sensors



Bolt switching contact/VdS

	0924 00	1	03

Electro-mechanical contact for closure monitoring of doors. The contact is inserted inaccessibly into the striking plate of the door frame and actuated by the lock bolt when the door is closed. The switching point of the bolt switch contact can be adapted in the way of the function.
With trip lever extension for adaptation to larger bolt cut-outs or special bolt shapes.

Contact type:	2-way switch
switching voltage:	max. 30 V DC
switching current:	max. 100 mA
Contact load:	max. 3 W/VA
Connection line:	3 m
Protection type:	IP 67
Dimensions:	W x H x D 11 x 40 x 22 mm
VdS approval:	G 190,008



Gate contact

	0950 00	1	03

Magnetic contact for wire-bound monitoring of e.g. roll-down gates. With magnetic external field monitoring (an alarm is triggered when another magnet comes close). The supply line is protected by a metal tube.

Length of the cable:	2 m
Length of the metal tube:	1 m
Dimensions:	
Contact on floor:	L x W x H 180 x 45 x 13 mm
Magnet at gate:	L x W x H 104 x 47 x 3 mm

	Order no.	Packing unit	PS

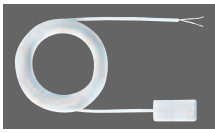


Door or window contact/VdS

white	**0953 02**	1	03
brown	**0953 06**	1	03

The magnet contact is dust- and water-protected, melted into a small glass tube (reed contact).
A reed contact is actuated via a permanent magnet without being touched. The reed contact is placed in the door frame and the magnet in the door, for example. Only block reed contacts can be used for installation in steel profiles (magnetic material). This wired door/window contact is extremely important for the connection of a radio magnet contact/VdS in a VdS-type installation.

Contact type:	1-pole NO contact
switching voltage:	max. 100 V DC
switching current:	max. 0.5 A
Contact load capacity:	max. 10 W or 10 VA
Contact resistance:	0,15 Ω
Permissible operating voltage:	max. 40 V
Connection cable:	5 m LIYY 2 x 0.14 mm^2, ∅ 3.2 mm
Dimensions:	
Contact:	32 mm x ∅ 8 mm
Magnet:	30 mm x ∅ 6 mm AlNiCo 5
Housing:	L x W x H 54 x 13 x 13 mm
Scope of supply:	Two superstructure housings, two caps, three 2 mm shims, one 6 mm shim
VdS approval:	G 191 701



Glass-breakage sensor

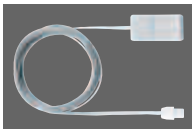
white	**0887 02**	1	06
brown	**0887 06**	1	06

Analyses the resulting typical ultrasonic signals by frequency and amplitude after a glass break or glass damage. The breakage energy activates the wire-bound alarm signal by converting the sound to electrical signals via a piezoceramic oscillator. The signal line is opened for approx. 0.5 to 5 sec. for an alarm, depending on the glass type.

Line voltage:	max. 18 V DC
Idle current:	max. 10 mA
Contact rating:	max. 350 mW
Contact resistance	
Idle state:	max. 30 Ω
Alarm state:	min. 1 MΩ
Alarm duration:	0.5 to 5 sec.
Effective radius:	approx. 2 m
Temperature range:	-30 °C to +55 °C
Protection type:	VdS Environment Class IV, IP 67
Connection cable:	4 m LIYY 2 x 0.14 mm^2, ∅ 3.2 mm
Dimensions:	L x W x H 37 x 19 x 12 mm
Adhesive:	Loctite 317/734, Loctite Set 193 82
Mounting:	2 cm from cover frame

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



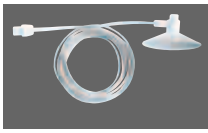
Blind control system
Glass-breakage sensor

white	**0931 00**	1/5	02

The glass-breakage sensor is attached to the window pane (e.g. using Loctite glass-metal adhesive set). If the window pane is destroyed, the blind is moved into the lower end position.
The glass-breakage sensor must be used in combination with the control button with sensor evaluation and the electronic blind controller. The solar and glass-breakage sensors can be connected to a blind controller top unit simultaneously with an adapter.
Length of connection line: 2 m
Cable length: max. 20 m (J-Y(St)Y 2x2x0.6 mm)

Adapter for sensors 0934 00 → Page 571.
Top unit for control button with sensor evaluation 0820 .. → Page 312.
Top unit for control button with memory function and sensor evaluation 0822 .. → Page 312.
Radio control button with sensor evaluation 0545 .. → Page 313.

i 61



Blind control system
Solar/twilight sensor indoors

white	**0930 00**	1	02

The solar sensor is attached to the window pane and enables a solar protection function. The position of the sensor on the pane determines the limit to which the blind is to be driven after the brightness value is **exceeded**.
The twilight function enables automatic lowering of the blind after the brightness value is **dropped below**.
The solar sensor must be used in combination with the control button with sensor evaluation and the electronic blind controller with sensor evaluation. The solar and glass-breakage sensors can be connected to a blind controller top unit simultaneously with an adapter.
Length of connection line: 2 m
Cable length: max. 20 m (J-Y(St)Y 2x2x0.6 mm)

Adapter for sensors 0934 00 → Page 571.
Top unit for control button with sensor evaluation 0820 .. → Page 312.
Top unit for control button with memory function and sensor evaluation 0822 .. → Page 312.
Radio control button with sensor evaluation 0545 .. → Page 313.

i 61

	Order no.	Packing unit	PS



Blind control system
Solar/twilight sensor outdoors

	1117 00	1	02

Together with the components of the blind control system, the solar/twilight sensor for outdoor use enables the solar protection and twilight function. These functions are dependent on the top unit used.
The solar and glass-breakage sensors can be connected to a blind controller top unit simultaneously with an adapter.

- The solar protection function enables automatic lowering of the blind/shutter after a brightness value is **exceeded**.
- The twilight function enables automatic lowering of the blind/shutter after a brightness value is **exceeded**. The blind/shutter moves into the lower end position.

Ambient temperature: -30 °C to +70 °C
Cable length: max. 20 m (J-Y(St)Y 2x2x0.6 mm)
Protection type: IP 54

Adapter for sensors 0934 00 → Page 571.
Top unit for control button with sensor evaluation 0820 .. → Page 312.
Top unit for control button with memory function and sensor evaluation 0822 .. → Page 312.
Radio control button with sensor evaluation 0545 .. → Page 313.

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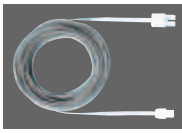


Blind control system
Adapter for solar and glass-breakage sensor

white	**0934 00**	1/5	02

If the solar and glass-breakage sensor are connected simultaneously to a blind controller top unit, or if the connection cable is to be extended, this adapter is used.
Connection line: LIYY 2 x 0.14 mm^2
Length of connection line: 5 m

Sun and twilight sensor 0930 00 → Page 571.
Sun and twilight sensor for outside 1117 00 → Page 571.
Glass-breakage sensor 0931 00 → Page 571.
Top unit for control button with sensor evaluation 0820 .. → Page 312.
Top unit for control button with memory function and sensor evaluation 0822 .. → Page 312.
Radio control button with sensor evaluation 0545 .. → Page 313.

i 61

	Order no.	Packing unit	PS



Brightness sensor 0 – 10 V

Water-protected surface-mounted	**0576 00**	1	06

Brightness sensor for detection and analysis of the brightness.
The brightness sensor can be operated in conjunction with the basis weather station or the analogue sensor interface.
The required power supply (24 V DC) is provided by these devices.
Connection to systems from other manufacturers is also possible.
The device is suitable for outdoor installation and is equipped to prevent the build-up of moisture with a pressure-compensation element ("climate membrane").
The detected brightness is converted to a linear, analogue output signal from 0 to 10 V.

Measurement range:	0 to 60000 lux, linear
Electrical output:	0 to 10 V DC (short-circuit-proof)
External supply	
Voltage:	24 V DC
Current consumption:	approx. 5 mA
Ambient temperature:	-30 °C to +70 °C
Cable length:	max. 100 m
Recommended cable:	3 x 0.25 mm^2
Dimensions:	W x H x D 90 x 58 x 35 mm
Installation location:	any
Protection type:	IP 65

KNX/EIB weather station Comfort 1010 00 → Page 488.
KNX/EIB analogue sensor interface 1021 00 → Page 487.
Mounting bracket 1406 00 → Page 572.



Twilight sensor 0 – 10 V

Water-protected surface-mounted	**0572 00**	1	06

Twilight sensor for detection and analysis of the brightness. The twilight sensor can be operated in conjunction with the basis weather station or the analogue sensor interface. The required power supply (24 V DC) is provided by these devices.
Connection to systems from other manufacturers is also possible.
The device is suitable for outdoor installation and is equipped to prevent the build-up of moisture with a pressure-compensation element ("climate membrane").
The detected brightness is converted to a linear, analogue output signal from 0 to 10 V.

Measurement range:	0 to 255 lux, linear
Electrical output:	0 to 10 V DC (short-circuit-proof)
External supply	
Voltage:	24 V DC
Current consumption:	approx. 5 mA
Ambient temperature:	-30 °C to +70 °C
Cable length:	max. 100 m
Recommended cable:	3 x 0.25 mm^2
Dimensions:	W x H x D 90 x 58 x 35 mm
Installation location:	any
Protection type:	IP 65

KNX/EIB weather station Comfort 1010 00 → Page 488.
KNX/EIB analogue sensor interface 1021 00 → Page 487.
Mounting bracket 1406 00 → Page 572.

	Order no.	Packing unit	PS



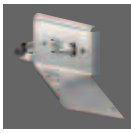
Temperature sensor 0 – 10 V

Water-protected surface-mounted	**0577 00**	1	06

Temperature sensor for detection and analysis of the temperature. The temperature sensor can be operated in conjunction with the basis weather station or the analogue sensor interface.
The required power supply (24 V DC) is provided by these devices.
Connection to systems from other manufacturers is also possible.
The device is suitable for outdoor installation and is equipped to prevent the build-up of moisture with a pressure-compensation element ("climate membrane").
The detected temperature is converted to a linear, analogue output signal from 0 to 10 V.

Measurement range:	-30 °C to +70 °C, linear
Electrical output:	0 to 10 V DC (short-circuit-proof)
External supply	
Voltage:	24 V DC
Current consumption:	approx. 3 mA
Ambient temperature:	-30 °C to +70 °C
Cable length:	max. 100 m
Recommended cable:	3 x 0.25 mm^2
Dimensions:	W x H x D 90 x 58 x 35 mm
Installation location:	any
Protection type:	IP 65

KNX/EIB weather station Comfort 1010 00 → Page 488.
KNX/EIB analogue sensor interface 1021 00 → Page 487.
Mounting bracket 1406 00 → Page 572.



Mounting bracket

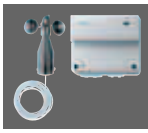
	1406 00	1	06

For proper installation of the brightness, twilight and temperature sensors. The mounting bracket can be attached to a wall or, with the accompanying pole clamp, to a pole. Material: Stainless steel.

Brightness sensor 0 – 10 V 0576 00 → Page 572.
Dimming sensor 0 – 10 V 0572 00 → Page 572.
Temperature sensor 0 – 10 V 0577 00 → Page 572.

The delivery results subject to countries specific assortments.

	Order no.	Packing unit	PS



Wind sensor Standard

	0913 00	1	06

Consists of:

Wind signaller (cross arms/anemometer)
The wind sensor enables raising of the blinds depending on the strength of the wind, for example. In this way, sensitive blind slats can be protected from increasing wind.
The wind signaller is used to convert the wind speed to electrical signals. It is installed to the roof or a side of the house, and the evaluation unit is connected up.
Mounting bracket is included in the scope of supply.

Material:	Transmitter and cup cross made of plastic (ABS), black
Ambient temperature:	- -25 °C to +60 °C
Connection cable:	LIYY 2 x 0.14 mm^2, length: 3 m (extendible to max. 50 m)
Dimensions:	Cup diameter: 134 mm, height: 160 mm

Evaluation unit
Test mode with test LED.
Distributor terminals for connection to a heated wind signaller.

Wind warning range:	3.3 to 24.5 m/s, can be set to one of eight levels
Switching contact:	Relay with zero-voltage NO contact
Load capacity:	max. 2 A
Operating voltage:	AC 230 V

Blind controller insert with auxiliary input 0398 00 → Page 308.
Can be combined with the binary inputs of the Gira KNX/EIB system.



Wind sensor 0 – 10 V with heating

	0580 00	1	06

Wind sensor for detection and evaluation of the wind speed (0.7 to 40 m/s). The turning speed is evaluated and converted into an output signal from 0 to 10 V.
Using in-built heating, operation can occur trouble-free even if frost is present outside.
The wind sensor can be operated in conjunction with the basis weather station or the analogue sensor interface.
The required power supply (24 V DC) for the electronics is provided by these devices.
An additional voltage of 24 V AC/DC is required for internal heating. A heating transformer can be used for this voltage. Connection to systems from other manufacturers is also possible.
The device is suitable for outdoor installation.
A retainer for installation of the sensor is included in the scope of supply.

Measurement range:	0.7 to 40 m/s
Electrical output:	0 to 10 V
External supply	
Voltage:	24 V DC
Current consumption:	Approx. 12 mA (without heating)
Heating:	24 V AC/DC PTC element (80 °C)
Wind load:	max. 60 m/s for a brief period
Ambient temperature:	-25 °C to +60 °C
Cable length:	max. 100 m
Installation location:	any

KNX/EIB weather station Comfort 1010 00 → Page 488.
KNX/EIB analogue sensor interface 1021 00 → Page 487.
Power supply 1024 00 → Page 573.

	Order no.	Packing unit	PS



Power supply

Power supply for the weather station and the in-built heating of the wind sensor 0 – 10 V, rain sensor 0/10 V etc.

Power supply:	AC 230 V 50/60 Hz
Output voltage:	AC 24 V
Rated current:	1 A
Connections:	Screw terminals 0.5 to 4 mm^2 single-wire
Temperature range:	-5 °C to +45 °C
Dimensions:	DRA device, 4 depth modules

KNX/EIB weather station Comfort 1010 00 → Page 488.
KNX/EIB analogue sensor interface 1021 00 → Page 487.
Wind sensor 0 – 10 V with heating mechanism 0580 00 → Page 573.
Rain sensor 0/10 V 0579 00 → Page 574.



Rain sensor

	0586 00	1	06

The rain sensor with frost protection down to -20° and snow detection is used for the detection of rain, snow and frost to protect awnings, winter gardens, roof ventilation elements etc. The detection of the amount of precipitation can be set using a 2-pole DIP switch in the power supply of the rain sensor.
The connection cables are not included in the scope of supply.

Operating voltage power supply:	230 V, 50 Hz
Operating voltage of rain sensor:	12 to 24 V DC
Power consumption:	Approx. 4.5 VA
Relay contact:	5 A at 250 V/50 Hz, zero voltage
Sensor protection type:	IP 65
Power supply protection type:	IP 40
Connection:	
Rain sensor/power supply:	6 x 0.5 mm^2, 12 to 24 V DC
Power supply/binary input:	2 x 0.5 mm^2, 230 V AC
Power supply:	3 x 1.5 mm^2, 230 V AC
Cable length:	
Rain sensor/power supply:	max. 150 m

Blind controller insert with auxiliary input 0398 00 → Page 308.
Can be combined with the 230 V binary inputs of the Gira KNX/EIB system and the Gira radio bus system.

	Order no.	Packing unit	PS



Rain sensor 0 / 10 V

	0579 00	1	06

Rain sensor for the detection and evaluation of the precipitation. The conductivity of the rain water is evaluated via a sensor, and an output signal of 0 or 10 V is then provided. Using in-built heating, the end of precipitation can be detected almost immediately.
The rain sensor can be operated in conjunction with the basis weather station, the analogue sensor interface or the binary input, 6-gang 24 V. The required power supply (24 V DC) for the electronics is provided by these devices (except for binary input 6-gang 24 V).
An additional voltage of 24 V AC/DC is required for internal heating. A heating transformer can be used for this voltage. Connection to systems from other manufacturers is also possible.
The device is suitable for outdoor installation.
A 45° retainer for (wall or pole) installation of the sensor is included in the scope of supply.

Electrical output:	0 V dry, 10 V rain
External supply	
Voltage:	24 V DC
Current consumption:	Approx. 10 mA (without heating)
Heating:	24 V AC/DC max. 4.5 W
Ambient temperature:	-30 °C to +70 °C
Cable length:	max. 100 m
Installation location:	Approx. 45°
Protection type:	IP 65
Dimensions:	L x W x H 58 x 83 x 17 cm

KNX/EIB weather station Comfort 1010 00 → Page 488.
KNX/EIB analogue sensor interface 1021 00 → Page 487.
KNX/EIB binary input, 6-gang 24 V 1068 00 → Page 486.
Power supply 1024 00 → Page 573.

	Order no.	Packing unit	PS



TeleCoppler 2

	2335 00	1	03

Discontinued item. **Available until December 2013.**
The TeleCoppler is the link between the telephone network and the electrical installation in private and commercial facilities, e.g. the radio alarm control unit/VdS and the Gira alarm control unit. It has six conventional zero-voltage sensor inputs, e.g. for triggering a silent alarm.
Functions:

- Switching of six conventional electrical devices and a local alarm sensor (each 24 V DC/ 50 mA)
- Status polling of device and unit functions via speech output. Can be changed via optional receiver set.
- In case of an alarm, dialling of up to three phone numbers. These can be programmed with push buttons on the TeleCoppler.
- An active phone call is interrupted in case of an alarm.
- When the alarm message is accepted, a switching function can be executed immediately via the existing connection.

Mains voltage:	230 V (+6 %, -14 %), 50 Hz
Power consumption:	13 VA
Dimensions:	W x H x D 220 x 180 x 40 mm
Outputs:	6 conventional, 12 V DC, 100 mA (when plug-in power pack is used) 1 local alarm output, 12 V DC, 100 mA (when plug-in power pack is used)
Inputs:	6 conventional sensor inputs for zero-voltage NO contacts or NC contacts, switching duration > 50 ms
Protection type:	IP 30

Receiver set for TeleCoppler 0907 00 → Page 574.



Receiver set for TeleCoppler

	0907 00	1	09

Discontinued item. **Available until December 2013.**
Receiver set for recording the individual announcements for the TeleCoppler.
TeleCoppler 2 2335 00 → Page 574.

The delivery results subject to countries specific assortments.

Technical data
Order number directory

The chapter Technical data contains wiring diagrams, information on dimensions and other detailed information on the Gira products.

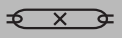
With the order number directory, the corresponding product page for each article can be found in the product line section based on the related combination of numbers.

Technical data

Test marks and symbols	576
Protection types	577
Armoured-conduit threading dimensions/ Resistance table	578
Dimensions	579
Product ranges fit for cable conduit cut-out	584
Communication technology	585
E 22 Flat installation	589
TX_44 Installation and disassembly	590
Gira TX_44 Integration of System 55 inserts	591
LED orientation light	593
Energy and light profile	594
Door communication system	595
Keyless In	604
RDS Flush-mounted radio	606
Overvoltage protection / RCD protection socket outlet	607
Voltage overload protection module	608
Room temperature controller	609
Room temperaturecontroller clock with cooling function	611
Circuit elements Wiring diagram/ Wiring schematics	612
Flush-mounted inserts Dimmer and load types	615
Flush-mounted inserts System 2000	616
Flush-mounted inserts Dimmer	622
Flush-mounted inserts Electronic potentiometers	627
Control device LEDOTRON	628
Power boosts	631
Blind control system	632
Time delay switches	637
Observer	638
Tectiv 220°	639
Presence detectors/ Automatic control switch 360°	642
Automatic control switch	644
Radio bus system/eNet system Planning information	645
Radio bus system Transmitter	646
Radio bus system Receiver	649
Radio bus system Receiver DRA	654
eNet system Transmitters 657	657
eNet system Receivers 659	659
eNet system Receivers DRA 662	662
Connection of energy saving lights/ Key switches	665
Index of order numbers	667

Test/installation marks	
	VDE test marks For installation materials, individual parts and devices as technical work materials for compliance with the "Gerätesicherheitsgesetzes (GSG)" (device safety statute). All Gira products, for which it is possible to grant the VDE mark, are labelled with this test mark.
	Netherlands test mark
	Austria test mark
	Norway test mark
	Denmark test mark
	Sweden test mark
	Belgium test mark
	Poland test mark
	Finland test mark
	Switzerland test mark
	CE certification All devices in this catalogue falling under the CE directive are labelled with this mark on the packaging label and on the product. All Gira flush-mounted devices fit in the standard flush-mounted boxes in accordance with DIN 49073/Part I, 1990-02 and in the Gira surface-mounted housing.
	Hollow-wall box With hollow-wall installations, boxes in accordance with DIN 49073/Part 1 and DIN VDE 0606-1 are generally to be used. In addition, the installation instructions from the box manufacturer and the required 71 mm dimension must be observed!

Protection mark	
	VDE-EMC mark Valid for devices corresponding to the standards for electromagnetic compatibility (EMC).
	VDE-interference suppression symbol
	Protective contact socket outlets (SCHUKO socket outlets) Registered trademark of the SCHUKO trademark association. In accordance with VDE 0620/0624, the terminals are also suitable for use as connection terminals.
	Furniture-protection mark Devices can be installed in foundations with unknown ignition characteristics (e.g. equipment pieces).
	Child-protection symbol Identifies socket outlets equipped with integrated child-protection features.

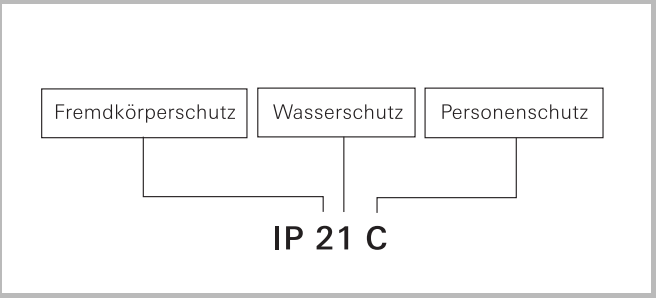
Mark	
AC/~ DC/=	Alternating current DC
	Mark for RCD switches which are sensitive to pulse current
	Automatic control switch top unit for installation height 1.10 m
	Automatic control switch top unit for installation height 2.20 m
	Light bulb
	Fluorescent lamp
AX	X = fluorescent lamp rated current
	LV halogen lamps
	HV halogen (230 V)
	Wound transformers
	Electronic transformers
	Mark for dimmers and electronic switches (with semiconductor switching element) in accordance with DIN EN 60669-1/A2 and VDE Part 1/A2
µ	Mark for switching devices, incl. relays with micro-contact opening width in accordance with DIN EN 60669-1/A2 and VDE 0632 Part 1/A2
ε	Mark for semiconductor switching element (without contact opening) in accordance with IEC 60417
	Mark for the temperature range from - 25 °C to + 40 °C
	Type of use Independent accessory for use outside of lamps (VDE 0712, Part 1).
SELV	Voltage designation Safety extra-low voltage

Protection types which protect against touching, foreign bodies and water in accordance with EN 60529/DIN VDE 0470 Part 1

Depending on the environmental conditions under which it is used, equipment must be protected from being touched, the entry of foreign bodies of various sizes and the intrusion of water, depending on the environmental conditions under which it is used. To define the degree to which a piece of equipment is protected, the so-called IP protection levels were specified. IP stands for "international protection".

The IP protection levels are represented in the following format:
IP digit 1 Digit 2 Letter

Digit 1	Indicates the protection of people against touching dangerous parts and protection of the equipment against the intrusion of foreign bodies.
Digit 2	Describes the protection of equipment against damaging intrusion of water.
Letters	In addition, the protection level for people against access to dangerous parts within housings may be indicated with a letter located after the two digits.



The housing of this equipment protects

2	people from accessing dangerous parts with their fingers and protects the equipment from the intrusion of foreign bodies with a diameter of at least 12.5 mm and larger
1	the equipment against intrusion of vertically dripping water
C	people who insert a tool with a diameter of 2.5 mm and larger and a length of up to 100 mm into the housing.

Possible letters:

A	Safe for the back of the hand
B	Safe for the fingers
C	Protected against access with a tool up to 100 mm in length
D	Protected against access with a wire up to 100 mm in length

Protection levels pursuant to EN 60 529:

Digit	Protection level	
	Contact and foreign-body protection (1st digit)	**Water protection (2nd digit)**
0	not present	not present
1	against foreign bodies > 50 mm ∅; against hand backs	against vertically dripping water
2	against foreign bodies > 12 mm ∅; against contact with a finger	against water dripping at an angle up to 15° to the vertical line
3	against foreign bodies > 2.5 mm ∅; against contact with a tool	against water sprayed up to 60° to the vertical line
4	against foreign bodies > 1 mm ∅; against contact with a wire	against water splashed from all directions
5	against damaging dust deposits on the inside	against streaming water from all directions
6	against intrusion of dust (dust-proof)	against heavy streaming water
7	–	with temporary immersion
8	–	with continuous immersion

Protection classes against excessive contact voltage

The type of protection against dangerous shock currents is identified via a protection-class specification. There are three protection classes whose meanings are described in the following table.

Protection class Symbol		Description
I		Equipment with simple base insulation. If a fault occurs in the base insulation, the body (e.g. metal shrouding of devices) can be energised. The bodies are connected to a protective conductor and secured via a protective measure (e.g. deactivation via super-ordinate protective devices).
II		Equipment with simple base insulation and additional insulation (doubled insulation) or with strengthened insulation (single-stage insulation). If the base insulation fails, protection via indirect contact is thus ensured (protective measure: protective insulation).
III		Protection against dangerous shock currents is ensured via the safety extra-low voltage safety measure (alternating current ≤ 50 V, direct current ≤ 120 V, safety voltage source).

Comparison of armoured-conduit threading dimensions to metric threading
DIN 46320 ff is invalid as of March 2001. The foundation for cable screw joints within electrical installations is now DIN EN 50262.

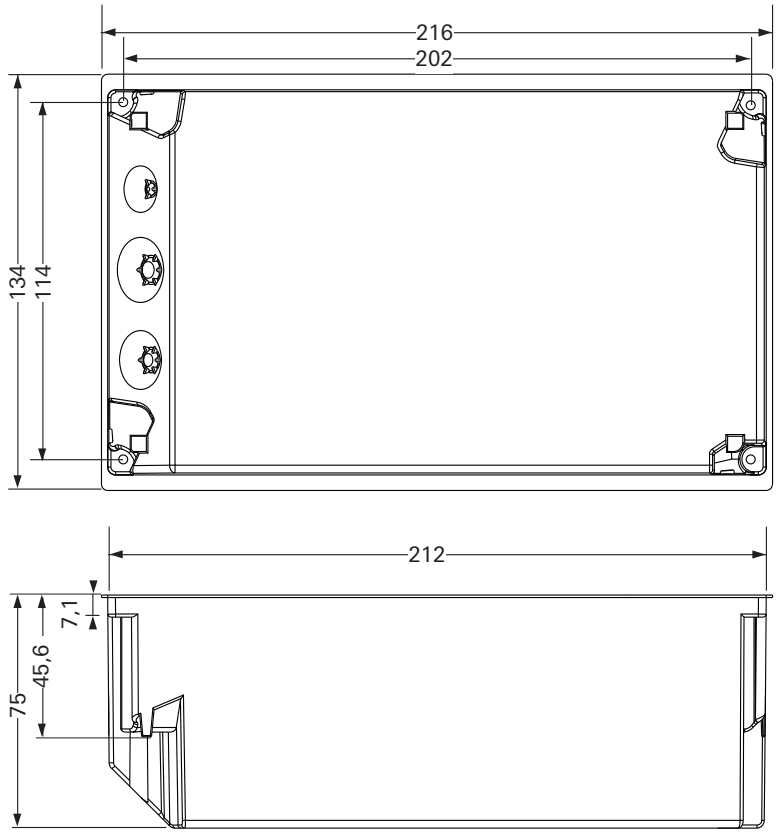
This means that the previously used armoured-conduit threading dimensions are replaced with metric dimensions. The table shows armoured-conduit threading and metric dimensions across from one another.

Size	Threading	Through hole +0.2/-0.4	Arm.-conduit thr.	
			Size	Through hole
6	M6	6.5	–	–
8	M8	8.5	–	–
10	M10	10.5	–	–
12	M12	12.5	ACT 7	13 ± 0.2
16	M16	16.5	ACT 9	15.5 ± 0.2
–	–	–	ACT 11	19 ± 0.2
20	M20	20.5	ACT 13.5	21 ± 0.2
25	M25	25.5	ACT 16	23 ± 0.2
32	M32	32.5	ACT 21	29 ± 0.2
40	M40	40.5	ACT 29	37.5 ± 0.3
50	M50	50.5	ACT 36	47.5 ± 0.3
–	–	–	ACT 42	54.5 ± 0.3
63	M63	63.5	ACT 48	60 ± 0.3

Resistance table for remote sensor 1302 00

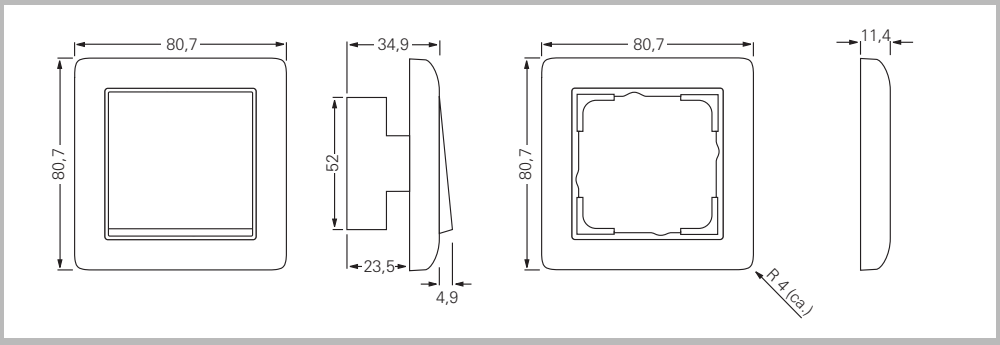
Temperature (°C)	Resistance (Ohm)	Temperature (°C)	Resistance (Ohm)
0	1592	31	2051
1	1605	32	2067
2	1619	33	2083
3	1633	34	2099
4	1647	35	2115
5	1661	36	2131
6	1675	37	2148
7	1689	38	2164
8	1703	39	2181
9	1717	40	2197
10	1732	41	2214
11	1746	42	2231
12	1761	43	2248
13	1775	44	2265
14	1790	45	2282
15	1805	46	2299
16	1819	47	2316
17	1834	48	2333
18	1849	49	2351
19	1864	50	2368
20	1879	51	2385
21	1895	52	2403
22	1910	53	2421
23	1925	54	2438
24	1941	55	2456
25	1956	56	2474
26	1972	57	2492
27	1987	58	2510
28	2003	59	2528
29	2019	60	2546
30	2035		

Dimensions Installation housing Info terminal, InfoTerminal Touch



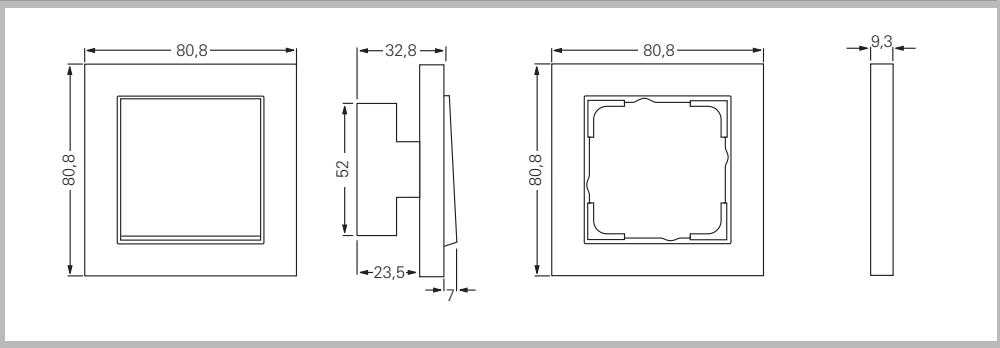
Range / Dimensions (H x W x D)

Gira Standard 55
1-gang 80.7 x 80.7 x 11.4 mm
2-gang 151.8 x 80.7 x 11.4 mm
3-gang 223.3 x 80.7 x 11.4 mm
4-gang 294.6 x 80.7 x 11.4 mm
5-gang 365.9 x 80.7 x 11.4 mm



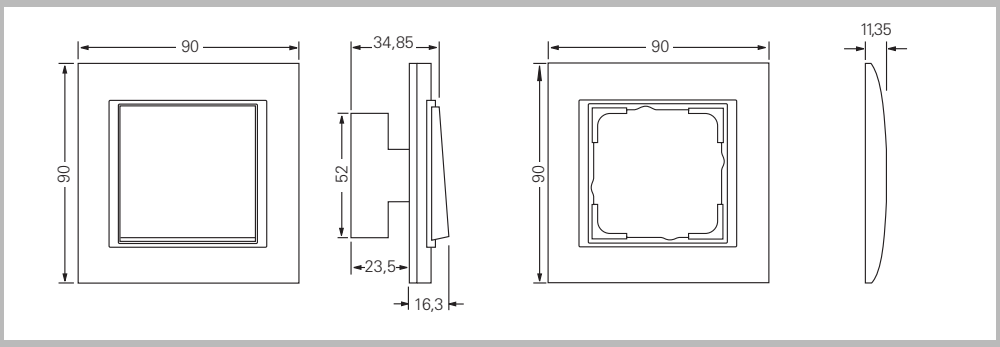
Push/rocker switch | Cover frame

Gira E2
1-gang 80.8 x 80.8 x 9.3 mm
2-gang 151.9 x 80.8 x 9.3 mm
3-gang 223.4 x 80.8 x 9.3 mm
4-gang 294.7 x 80.8 x 9.3 mm
5-gang 366.0 x 80.8 x 9.3 mm



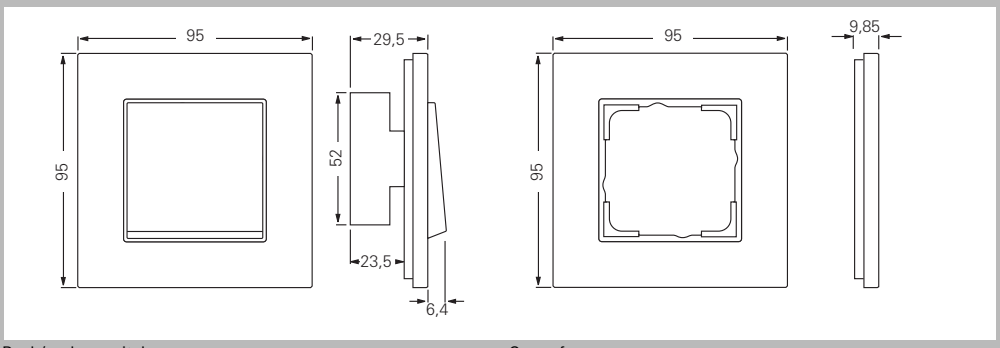
Push/rocker switch | Cover frame

Gira Event
1-gang 90.0 x 90.0 x 11.35 mm
2-gang 161.1 x 90.0 x 11.35 mm
3-gang 232.6 x 90.0 x 11.35 mm
4-gang 303.9 x 90.0 x 11.35 mm
5-gang 375.2 x 90.0 x 11.35 mm



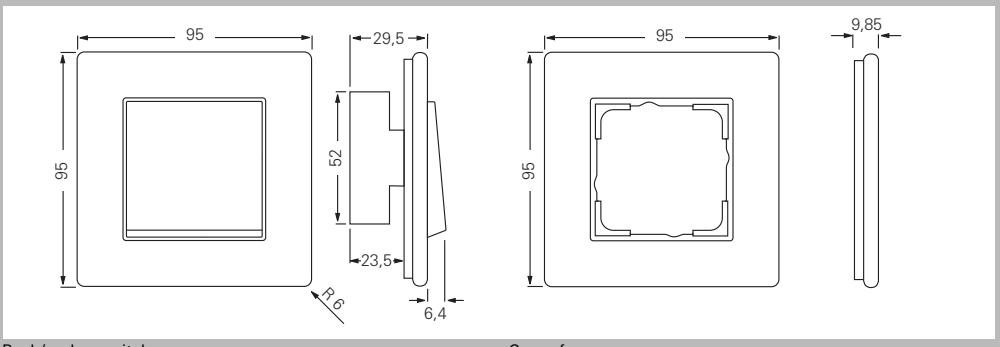
Push/rocker switch | Cover frame

Gira Esprit
1-gang 95.0 x 95.0 x 9.85 mm
2-gang 166.0 x 95.0 x 9.85 mm
3-gang 236.8 x 95.0 x 9.85 mm
4-gang 308.0 x 95.0 x 9.85 mm
5-gang 380,2 x 95,0 x 9,85 mm



Push/rocker switch | Cover frame

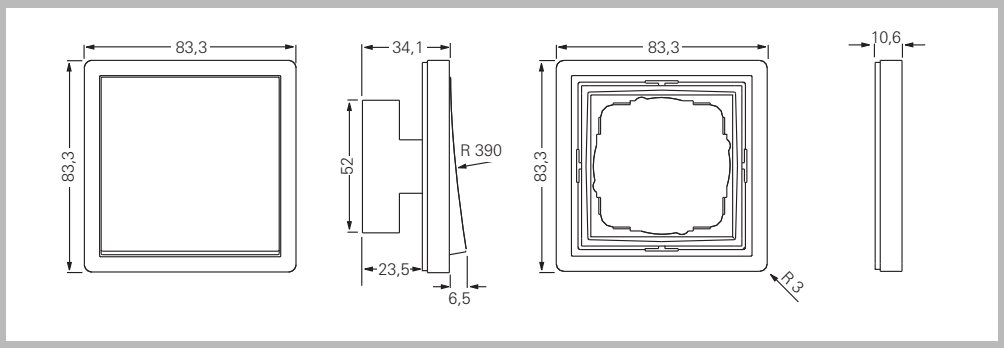
Gira Esprit, glas C
1-gang 95,0 x 95,0 x 9,85 mm
2-gang 166,0 x 95,0 x 9,85 mm
3-gang 236,8 x 95,0 x 9,85 mm
4-gang 308,0 x 95,0 x 9,85 mm
5-gang 380,2 x 95,0 x 9,85 mm



Push/rocker switch | Cover frame

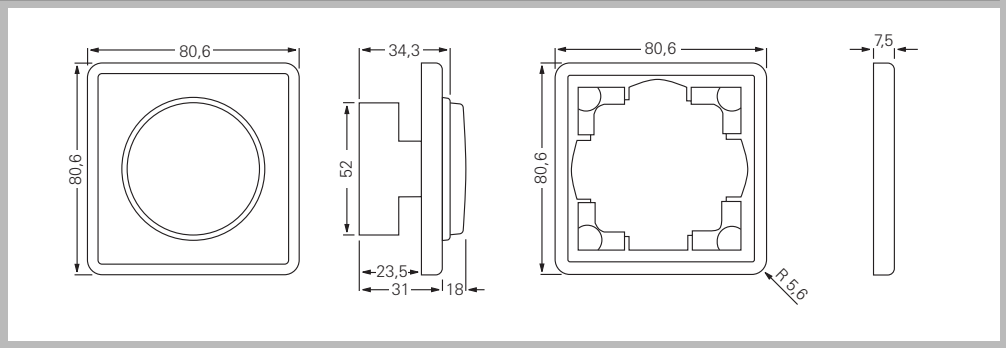
Range / Dimensions (H x W x D)

F100
1-gang 83,3 x 83,3 x 10,6 mm
2-gang 154,4 x 83,3 x 10,6 mm
3-gang 225,9 x 83,3 x 10,6 mm
4-gang 297,2 x 83,3 x 10,6 mm
5-gang 368,5 x 83,3 x 10,6 mm



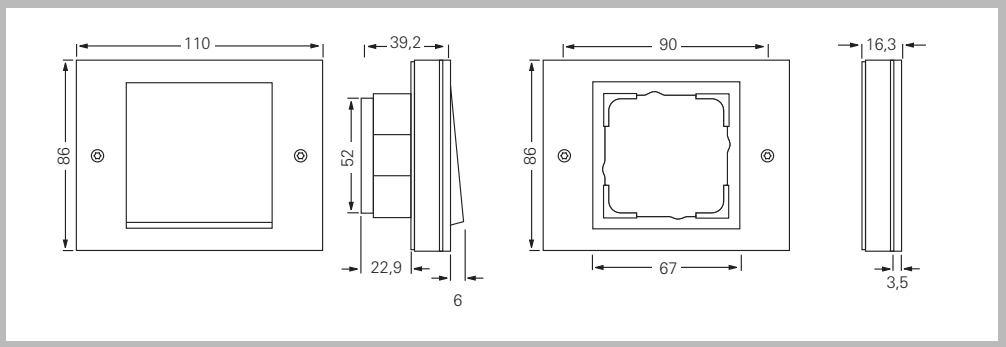
Push/rocker switch Cover frame

S-Color System
1-gang 80.6 x 80.6 x 7.5 mm
2-gang 151.8 x 80.6 x 7.5 mm
3-gang 222.9 x 80.6 x 7.5 mm
4-gang 294.3 x 80.6 x 7.5 mm
5-gang 365.4 x 80.6 x 7.5 mm



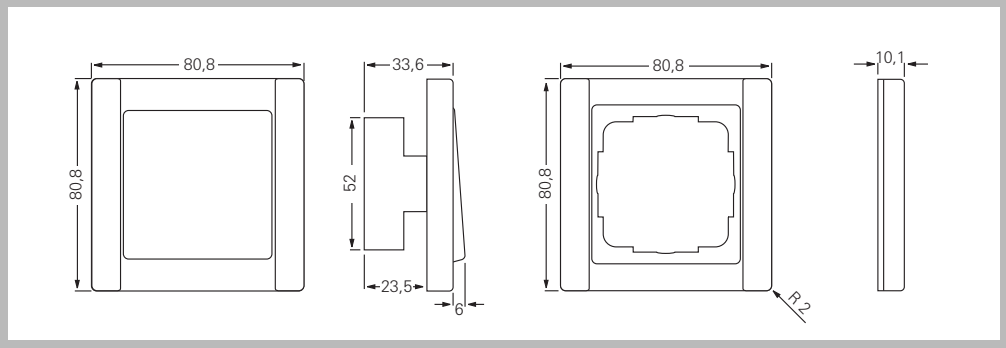
Push/rocker switch Cover frame

TX_44
1-gang 86.0 x 110.0 x 16.3 mm
2-gang 157.0 x 110.0 x 16.3 mm
3-gang 229.0 x 110.0 x 16.3 mm
4-gang 300.5 x 110.0 x 16.3 mm



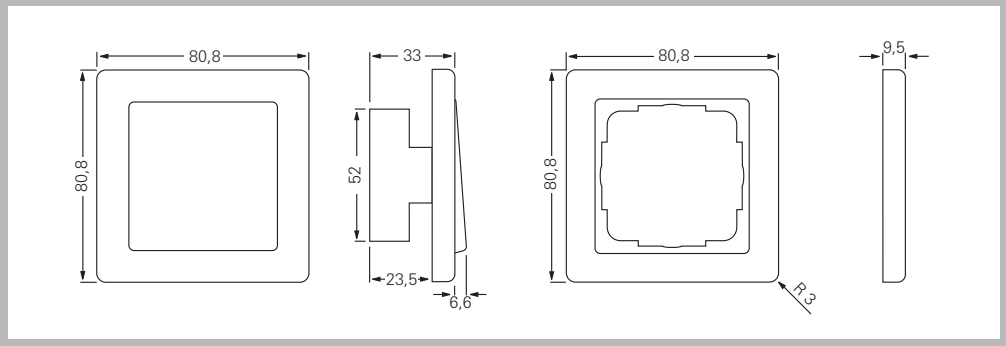
Push/rocker switch Cover frame

Stainless Steel Series 20
1-gang 80.8 x 80.8 x 10.1 mm
2-gang 152.0 x 80.8 x 10.1 mm
3-gang 223.2 x 80.8 x 10.1 mm
4-gang 294.4 x 80.8 x 10.1 mm
5-gang 365.6 x 80.8 x 10.1 mm



Push/rocker switch Cover frame

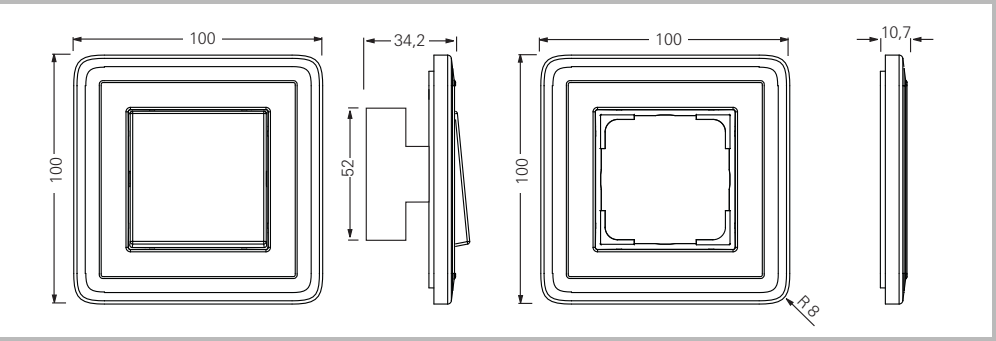
Stainless Steel Series 21
1-gang 80.8 x 80.8 x 9.5 mm
2-gang 152.0 x 80.8 x 9.5 mm
3-gang 223.2 x 80.8 x 9.5 mm
4-gang 294.4 x 80.8 x 9.5 mm
5-gang 365.6 x 80.8 x 9.5 mm



Push/rocker switch Cover frame

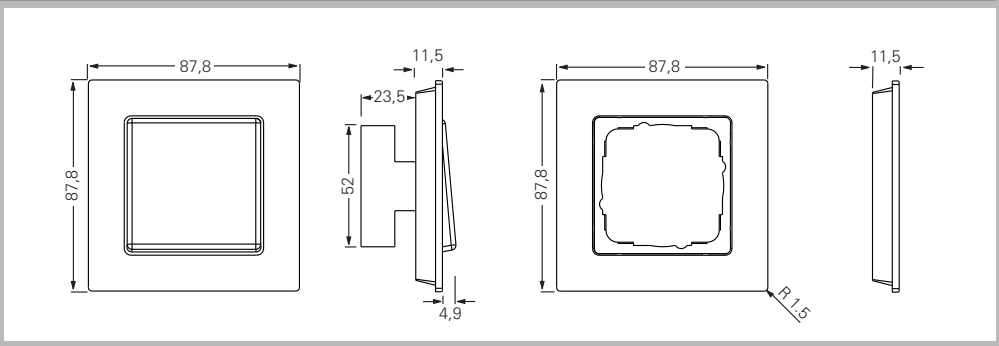
Line / Dimensions (H x W x D)

Gira ClassiX, ClassiX Art
1-gang 100.0 x 100.0 x 10.7 mm
2-gang 171.2 x 100.0 x 10.7 mm
3-gang 242.4 x 100.0 x 10.7 mm
4-gang 313.6 x 100.0 x 10.7 mm
5-gang 384.8 x 100.0 x 10.7 mm



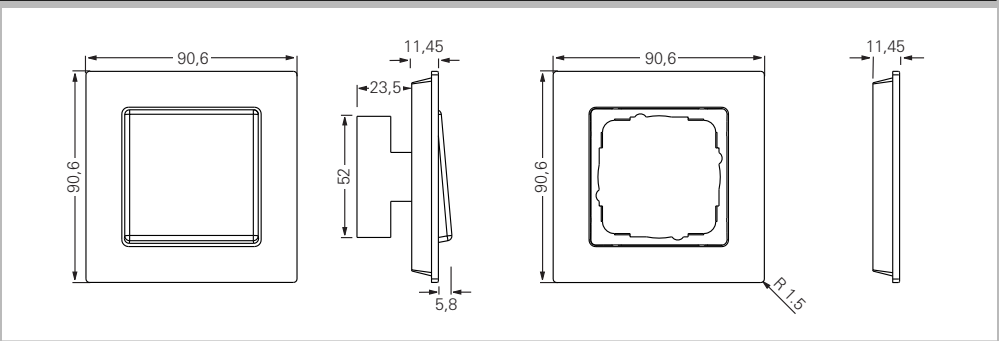
Push/rocker switch Cover frame

Gira E22
Thermoplastic
1-gang 87.8 x 87.8 x 11.5 mm
2-gang 158.9 x 87.8 x 11.5 mm
3-gang 230.4 x 87.8 x 11.5 mm
4-gang 301.7 x 87.8 x 11.5 mm
5-gang 373.0 x 87.8 x 11.5 mm



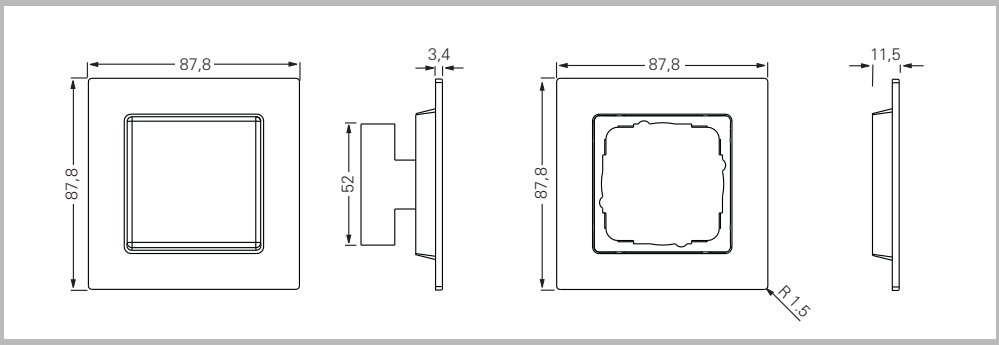
Push/rocker switch Cover frame

Gira E22
Stainless Steel, Aluminium
1-gang 90.6 x 90.6 x 11.5 mm
2-gang 161.8 x 90.6 x 11.5 mm
3-gang 233.0 x 90.6 x 11.5 mm
4-gang 304.2 x 90.6 x 11.5 mm
5-gang 375.4 x 90.6 x 11.5 mm



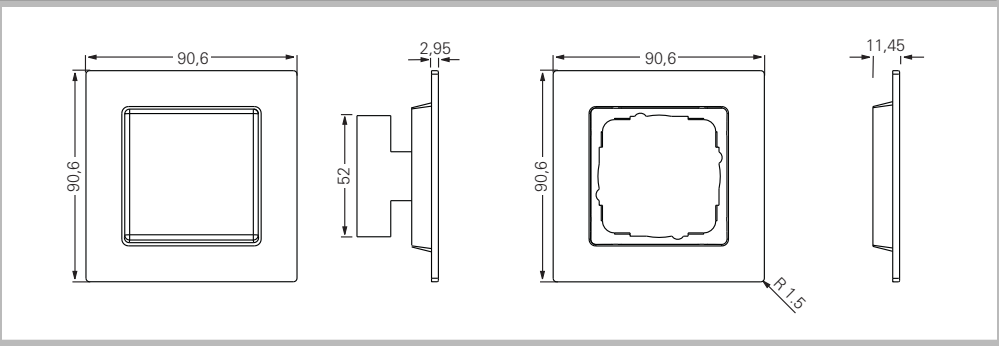
Push/rocker switch Cover frame

Gira E22 (flat installation)
Thermoplastic
1-gang 87.8 x 87.8 x 3.4 mm
2-gang 158.9 x 87.8 x 3.4 mm
3-gang 230.4 x 87.8 x 3.4 mm
4-gang 301.7 x 87.8 x 3.4 mm



Push/rocker switch Cover frame

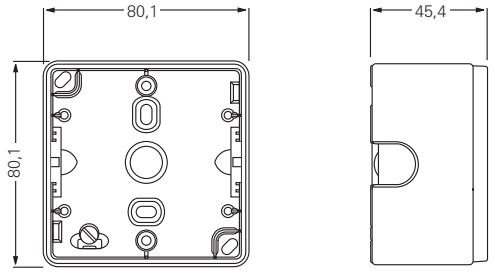
Gira E22 (flat installation)
Stainless Steel, Aluminium
1-gang 90.6 x 90.6 x 3 mm
2-gang 161.8 x 90.6 x 3 mm
3-gang 233.0 x 90.6 x 3 mm
4-gang 304.2 x 90.6 x 3 mm



Push/rocker switch Cover frame

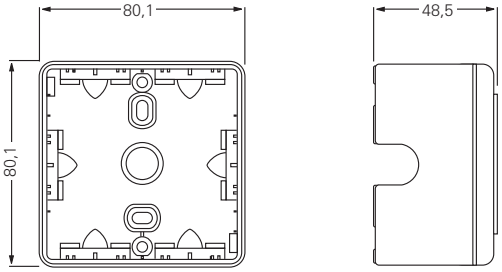
Range / Dimensions (W x H x D)

Gira Standard 55
S-Color System
1-gang 80.1 x 80.1 x 45.4 mm
2-gang 151.3 x 80.1 x 45.4 mm
3-gang 213.6 x 80.1 x 45.4 mm
complete with cover frame



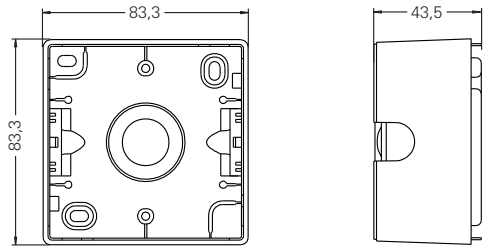
Surface-mounted housing

Gira Standard 55
S-Color System
complete with cover frame



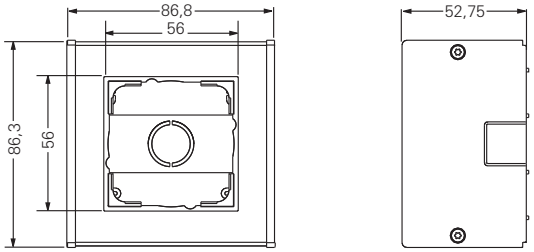
Junction box

F100
1-gang 83,3 x 83,3 x 43,5 mm
2-gang 154,4 x 83,3 x 43,5 mm
3-gang 225,9 x 83,3 x 43,5 mm



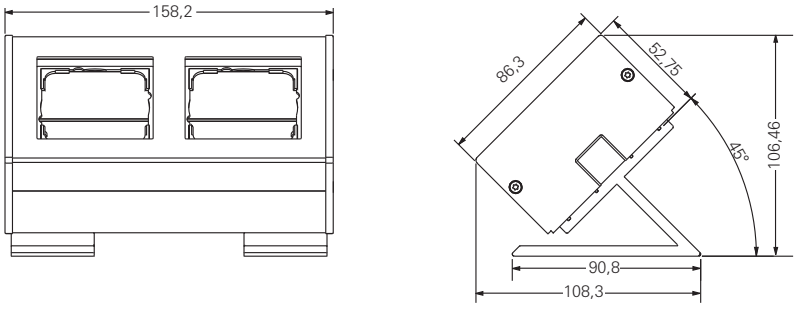
Surface-mounted housing

Gira Profile 55
1-gang 86,8 x 86,3 x 52,8 mm
2-gang 158,2 x 86,3 x 52,8 mm
3-gang 229,6 x 86,3 x 52,8 mm
5-gang 342,2 x 86,3 x 52,8 mm
5-gang 586,6 x 86,3 x 52,8 mm
8-gang 586,6 x 86,3 x 52,8 mm



Profile 55

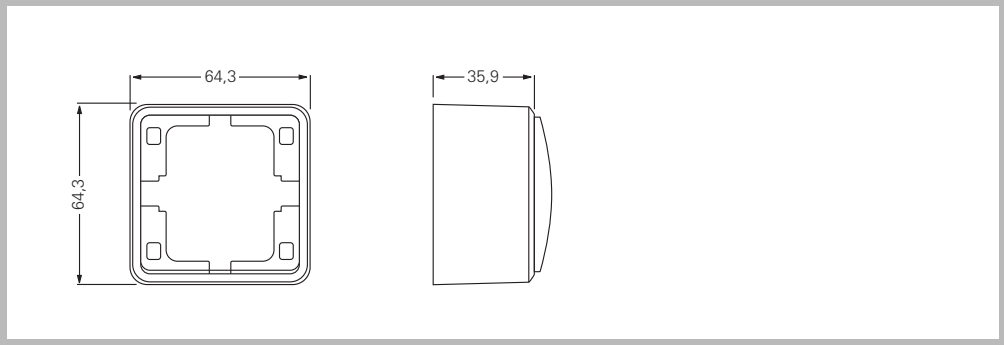
Gira Profile 55 with angled mounting bracket/base foot
2-gang 158,2 x 106,5 x 108 mm
3-gang 229,6 x 106,5 x 108 mm
5-gang 586,6 x 106,5 x 108 mm
8-gang 586,6 x 106,5 x 108 mm



Profile 55 with angled mounting bracket/base foot

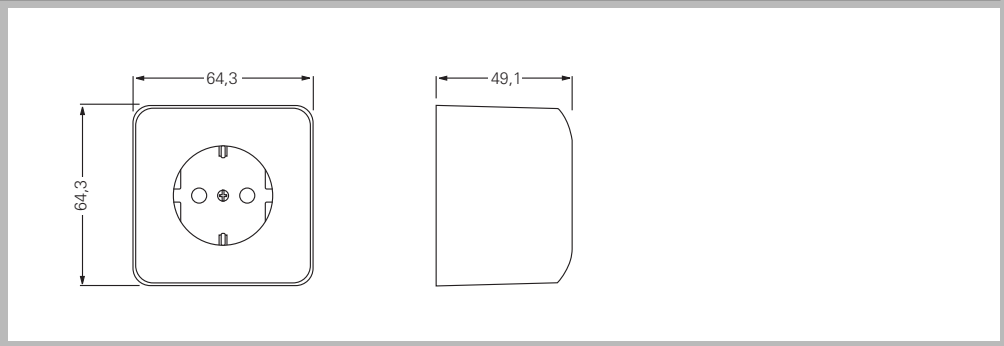
Range / Dimensions (W x H x D)

Surface-mounted range



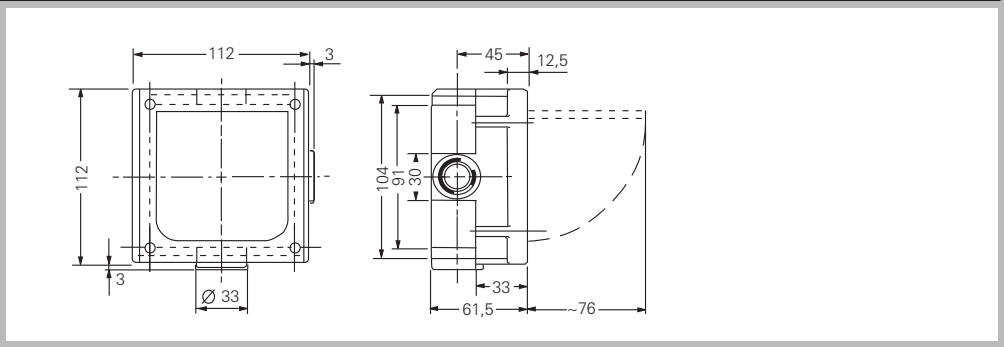
Switch

Surface-mounted range



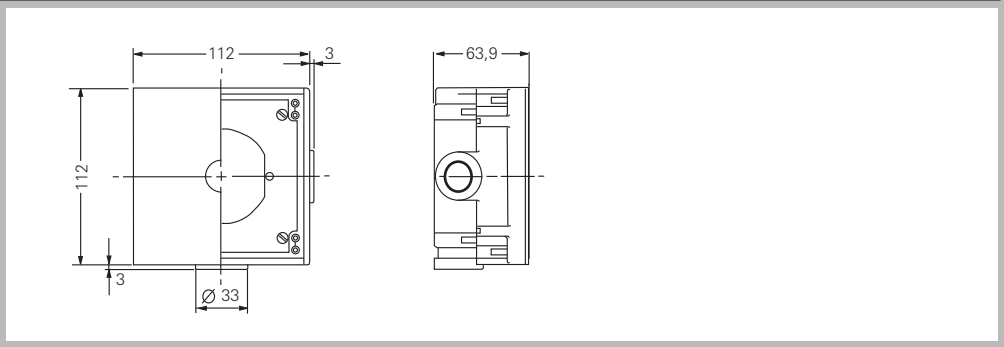
SCHUKO socket outlet

Floor empty housing, flush-mounted
Die cast aluminium
1fach 112 x 112 x 61,5 mm



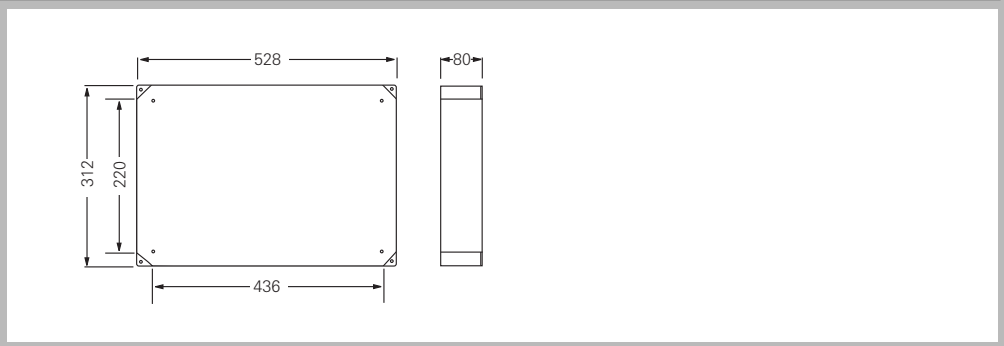
Die cast aluminium

Floor empty housing, flush-mounted
Matt stainless steel
1fach 112 x 112 x 63,9 mm

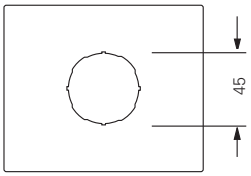
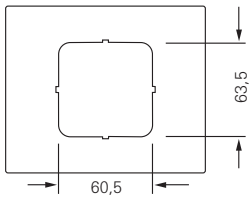
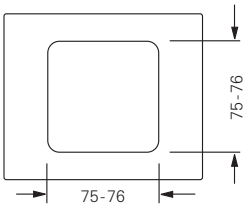
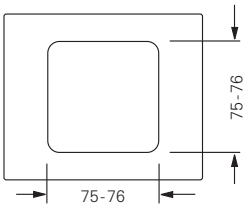
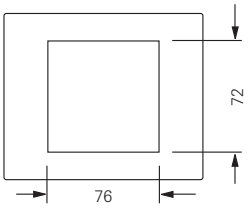
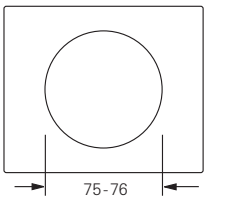
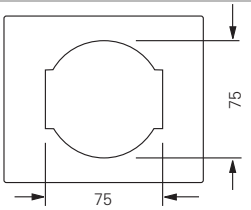


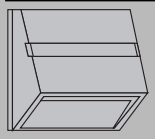
Matt stainless steel

Gira/Pro-face ServerClient 15
Flush-mounted box

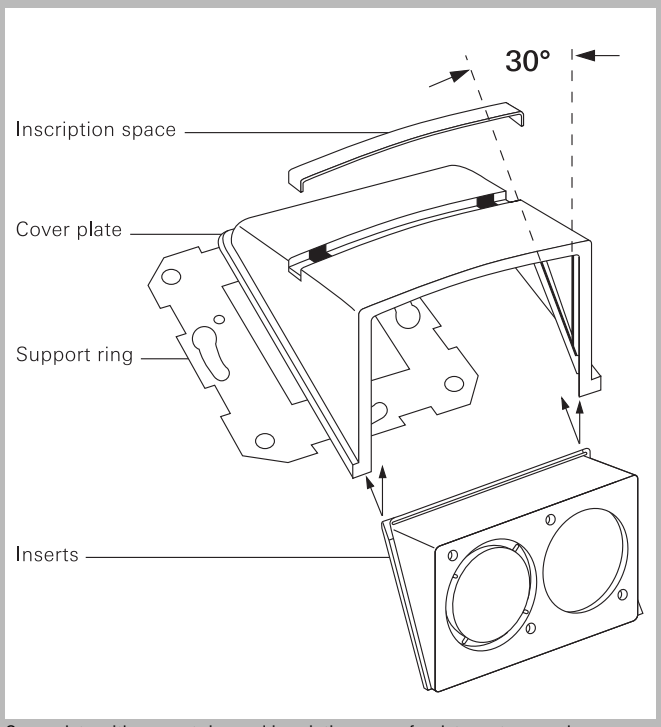


Flush-mounted box Gira/Pro-face ServerClient 15

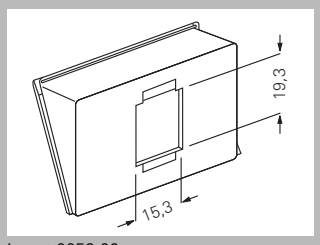
Trunk manufacturer	Ranges	Hole pattern
Ackermann Bettermann Kleinhuis Niedax Tehalit Thorsmann	Standard 55 (without frame) F100 (without frame)	
Ackermann Dahl Kleinhuis Niedax Nowa-Plast Tehalit	Standard 55 S-Color System (without frame)	
Bettermann Kleinhuis Nowa-Plast Thorsmann	Standard 55 E2 Event F100 S-Color System	
Ackermann Niedax Nowa-Plast Tehalit	Standard 55 E2 Event F100 S-Color System	
Dahl	Standard 55 E2 Event F100 S-Color System	
Baukulit Bettermann Kleinhuis Rehau Thorsmann	Standard 55 E2 Event F100 S-Color System	
Bettermann	Standard 55 E2 Event F100 S-Color System	



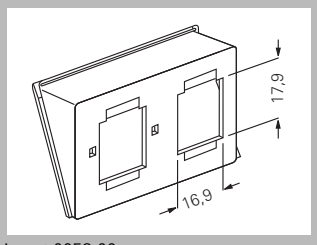
Cover for data systems and communication connection technology



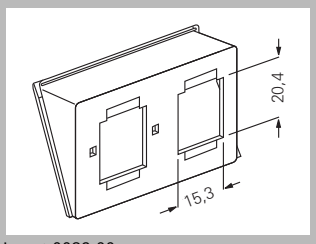
Cover plate with support ring and inscription space for data systems and communication connection technology for vertical and 30° tilted outlet.



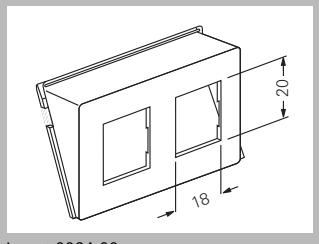
Insert 0052 00
for Modular Jack/Western Technics AMP/Radiall, 1-gang



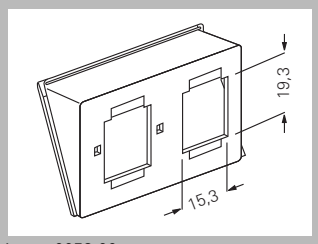
Insert 0058 00
for Modular Jack/Western Technics Lucent (AT+T), 2-gang



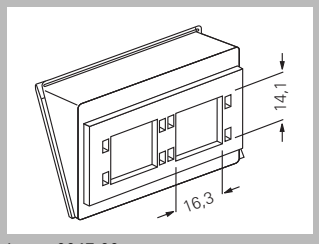
Insert 0039 00
for Modular Jack/Western Technics AMP, 2-gang



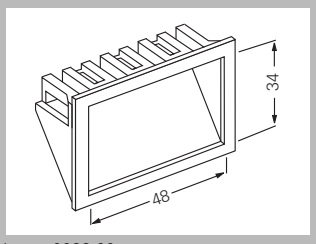
Insert 0064 00
for System Thomas & Betts (Nevada Western Structured Wiring System/IBM ACS Mini-C/600 MHz)



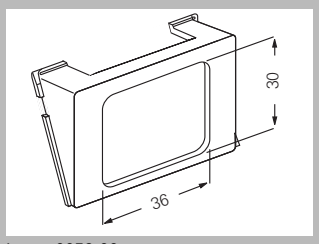
Insert 0053 00
for Modular Jack/Western Technics AMP/Radiall, 2-gang



Insert 0047 00
for IBM ACS (Advanced Connectivity System) 100 b, Cabling-Cross-Line/ Reichle de Massari, 1-gang

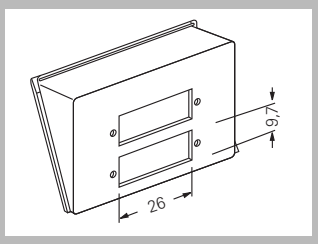


Insert 0088 00
for Telegärtner OCS system

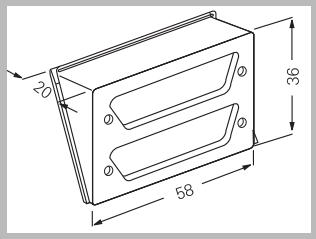


Insert 0059 00
for AMP/ACO (Communications Outlet)

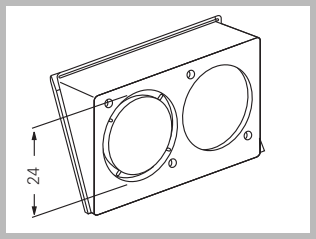
Suitable for 30° tilted socket outlet only



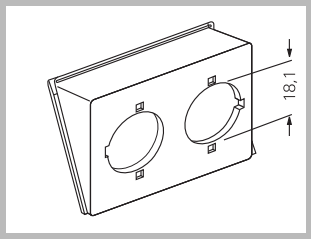
Insert 0089 00
for fibre-optic cable/SC duplex coupler, 2-gang



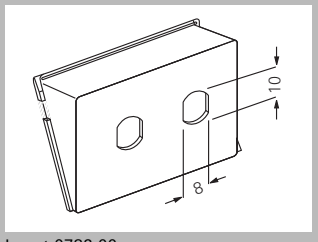
Insert 0050 00
for D-Sub



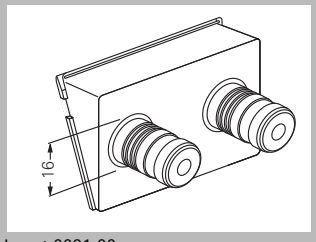
Insert 0055 00
for two XLR round plugs, D series, Speakon series NL 4 MP (Neutrik)



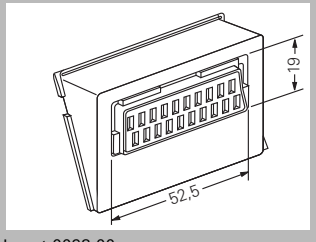
Universal insert 0049 00



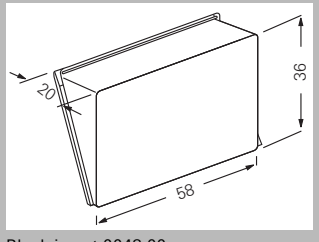
Insert 0732 00
for ST fibre-optic cable 2.5 mm



Insert 0091 00
with integrated high-end speaker plug WBT (+/-)



Insert 0093 00
with Scart/Euro-AV pin jack



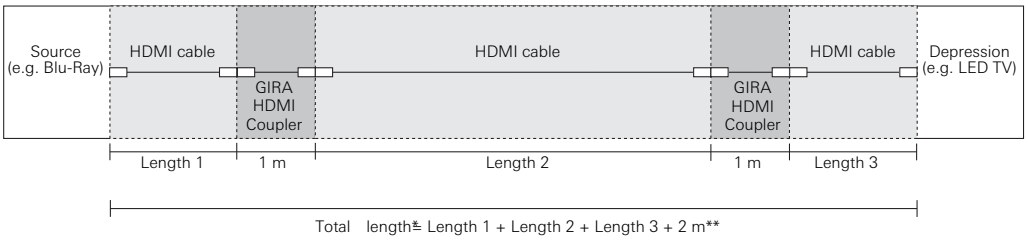
Blank insert 0048 00

Plug connections

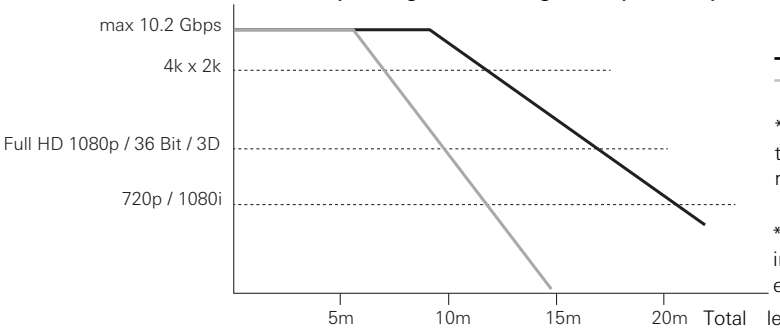
	Design/ connection on the rear	Pin jack/plug	Specification	Wave impedance	Insertion cycles
WBT	Flat insertion lug 6.3 mm	-	-	-	-
XLR	Solder termination up to max. 2.5 mm²	Pin jack	-	-	-
BNC	Crimp	Pin jack	-	75 ohms	1500
USB	Coupler	Pin jack Type A	USB 3.0	-	1500
	Coupler with BC[1)]			-	
HDMI	Coupler	Pin jack Type A	HDMI high-speed with ethernet	-	1500
	Coupler with BC[1)]			-	
Cinch	Coupler	Pin jack	-	-	1500
	Coupler with BC[1)]			75 ohms	
	Solder termination			-	
VGA	Coupler	Pin jack HD15M	DIN 41652 / IEC807-2	-	1500
	Coupler with BC[1)]			75 ohms	
	Solder termination			-	
Sub D 9-pole	Solder termination	Pin jack DB9M	DIN 41652 / IEC807-2	-	1500
Sub D 15-pole	Solder termination	Pin jack DB15M	DIN 41652 / IEC807-2	-	1500
Jack	Coupler	Pin jack 3.5 mm	3-pole (stereo)	-	1500
	Coupler with BC[1)]			-	
S-video	Coupler	Pin jack MD4M DIN4-pole	-	-	1500
	Coupler with BC[1)]			75 ohms	
DVI	Coupler	Pin jack	DVI-I (Dual Link; 24+5)	-	1500
	Coupler with BC[1)]			-	
SAT F pin jack	Coupler	Pin jack	IEC 60169-24	75 ohms	1500
Loudspeaker connection box	Screw connection up to max. 6 mm²	-	-	-	-

1 BC = breakout cable

Cable lengths in HDMI connection system



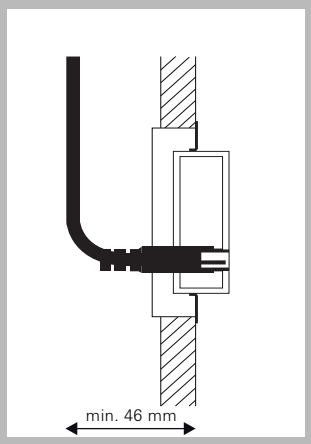
Performance depending on total length (simplified representation)



* The maximum total length depends on the cable quality, the devices and the required performance!

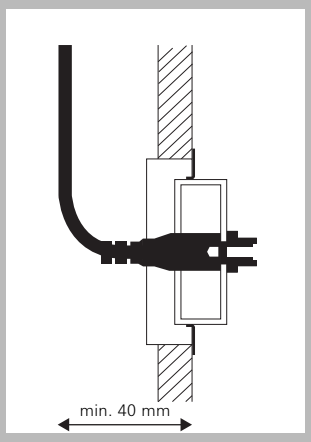
** The HDMI couplers have to be included in the calculation with a length of 1 m each!

Installation depths for devices with breakout cable



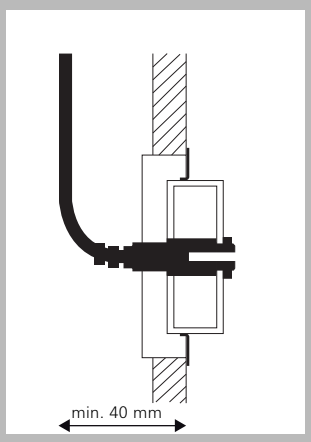
USB coupler with BC

Recommendation:
Installation in a deep multimedia box.



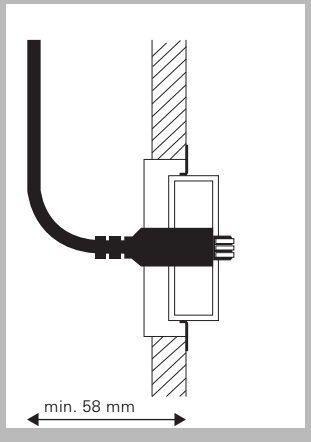
Cinch coupler with BC

Recommendation:
Installation in a deep multimedia box.



Jack coupler with BC

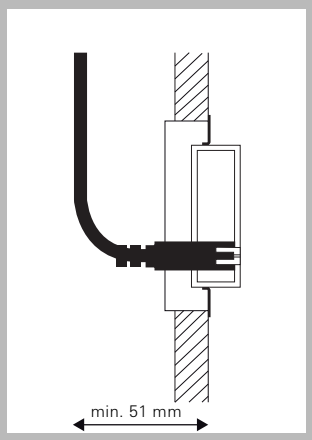
Recommendation:
Installation in a deep multimedia box.



DVI coupler with BC

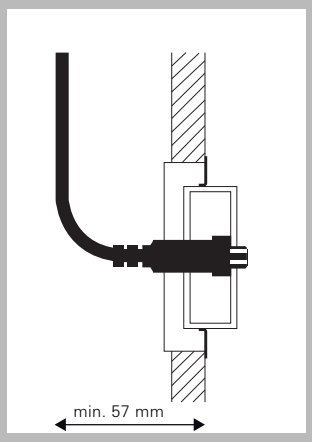
Recommendation:
Installation in a deep multimedia box.

Installation depths for devices with breakout cable



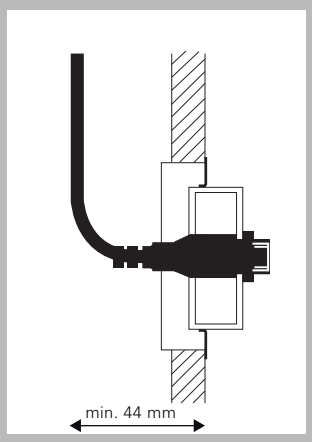
HDMI coupler with BC

Recommendation:
Installation in a deep multimedia box.



VGA coupler with BC

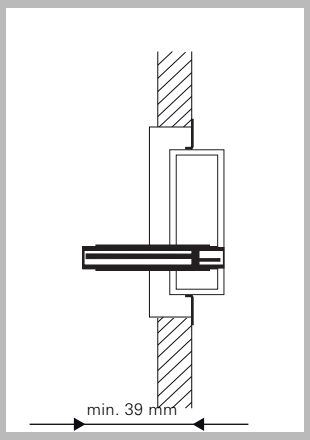
Recommendation:
Installation in a deep multimedia box.



S-Video coupler with BC

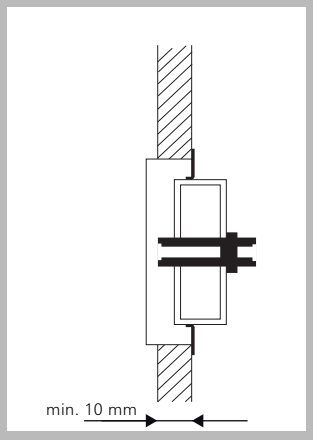
Recommendation:
Installation in a deep multimedia box.

Installation depths for devices with coupling



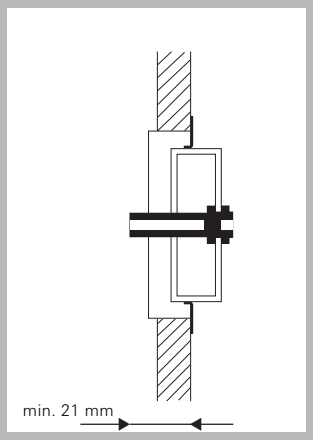
USB coupler

Recommendation:
Installation in a deep multimedia box.



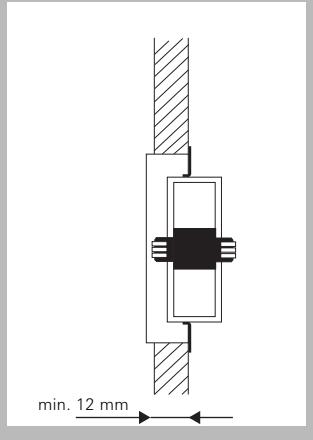
Cinch coupler

Recommendation:
Installation in a deep multimedia box.



Jack coupler

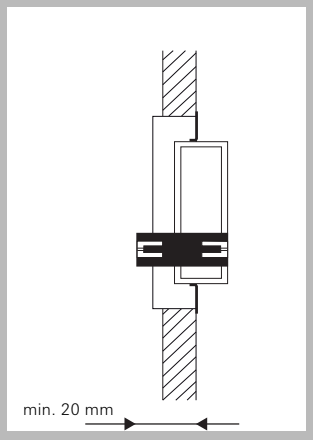
Recommendation:
Installation in a deep multimedia box.



DVI coupler

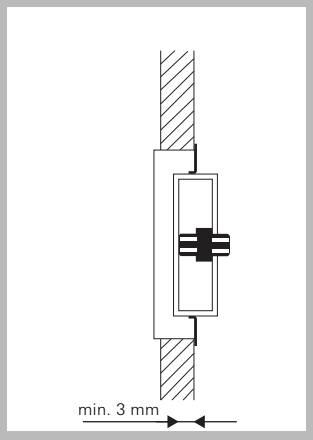
Recommendation:
Installation in a deep multimedia box.

Installation depths for devices with coupling



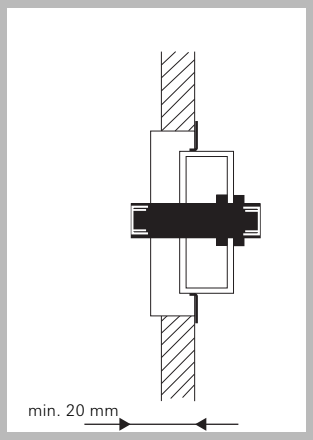
HDMI coupler

Recommendation:
Installation in a deep multimedia box.



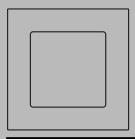
VGA coupler

Recommendation:
Installation in a deep multimedia box.



S-Video coupler

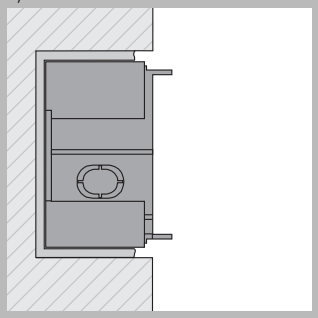
Recommendation:
Installation in a deep multimedia box.



E22

Flat installation in masonry

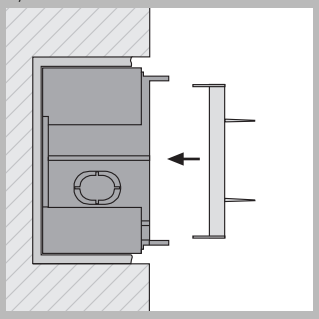
1)



Produce a rectangular cut-out, mount the red E22 flush-mounted box and, for example, secure with plaster.

Important:
Observe the note on installation depth.

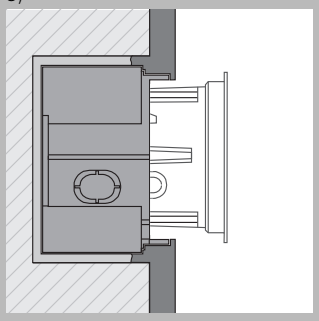
2)



Mount the included plaster protection and plaster the wall.

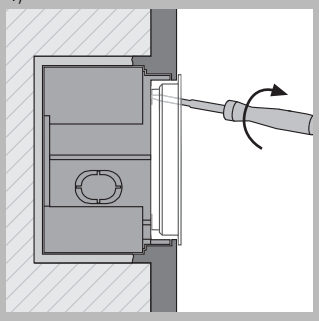
Then remove the plaster protection and cut the box opening clear.

3)



Mount the grey E22 device box in the red E22 flush-mounted box and align it.

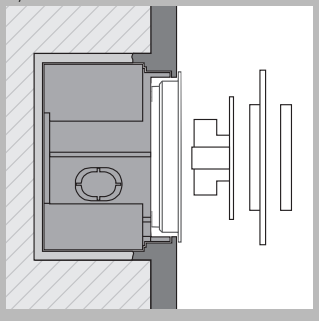
4)



The E22 device box is screwed in the flush-mounted box with claws like a common hollow-wall box.

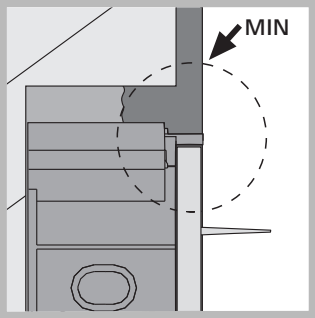
The device box can be corrected by up to 3°.

5)



The flush-mounted inserts, cover frames and cover plates are installed in the device box in the usual manner.

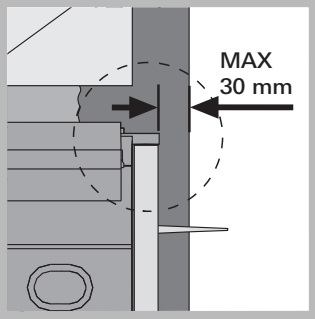
Installation depth for flat installation in masonry



The installation depth of the red flush-mounted box conforms to the plaster thickness later on.

Both spacers, which can also be used to position a spirit level, must be completely covered by the plaster.

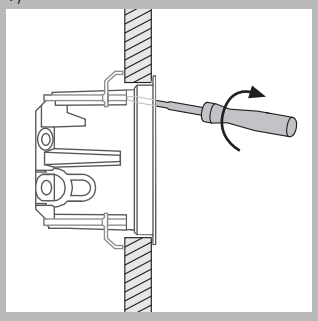
Important:
The spacers of the red E22 flush-mounted box must not be shortened or removed.



Maximum plaster compensation is 30 mm.

Flat installation in hollow wall

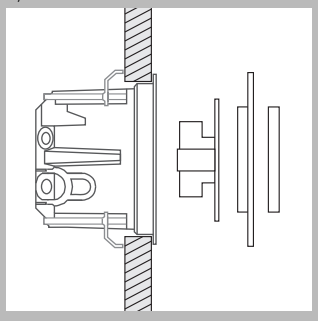
1)



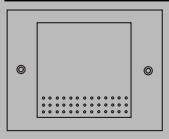
Cut out the rectangular cut-out, mount the grey device box and fasten with claws.

The E22 device box is screwed in the hollow wall with claws like a common hollow-wall box.

2)



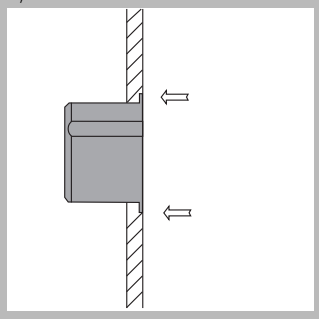
The flush-mounted inserts, cover frames and cover plates are installed in the device box in the usual manner.



TX_44

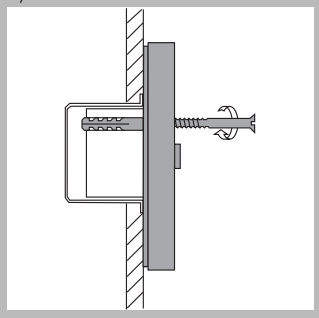
Installation and theft protection

1)



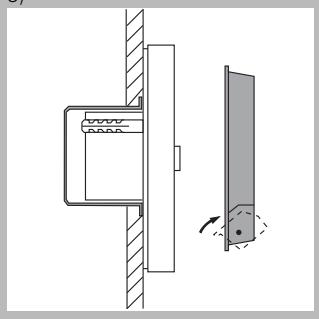
Insert flush-mounted wall box flush with wall. Take the 71 mm requirement into account with a multiple combination.

2)



Install flush-mounted insert with sealing ring. Set frame in place and plug to wall if necessary. With regards to the plug holes, the small through hole functions as an indicator aid. The thin membrane around this hole is pushed away by the screws. The 2- and 3-gang frames also have several plug holes, to allow selection of the most suitable ones depending on the foundation.

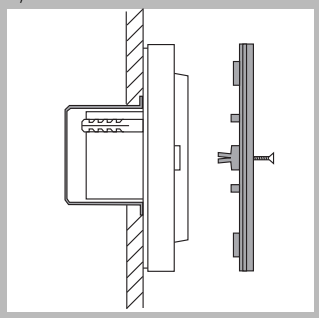
3)



Set rocker or central insert in place.

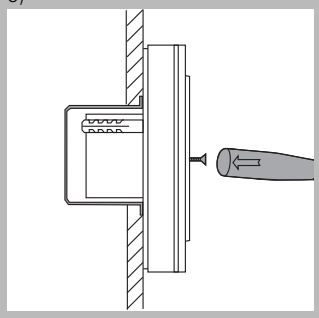
To insert the inscription label, press up the label cap around the turning point (see arrows).

4)



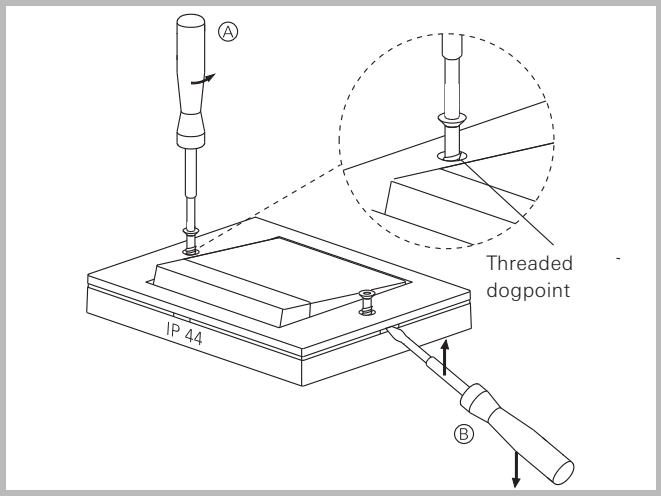
Clip on cover plate around in a circle.

5)



Simply press in Torx screws, e.g. with a screwdriver handle.

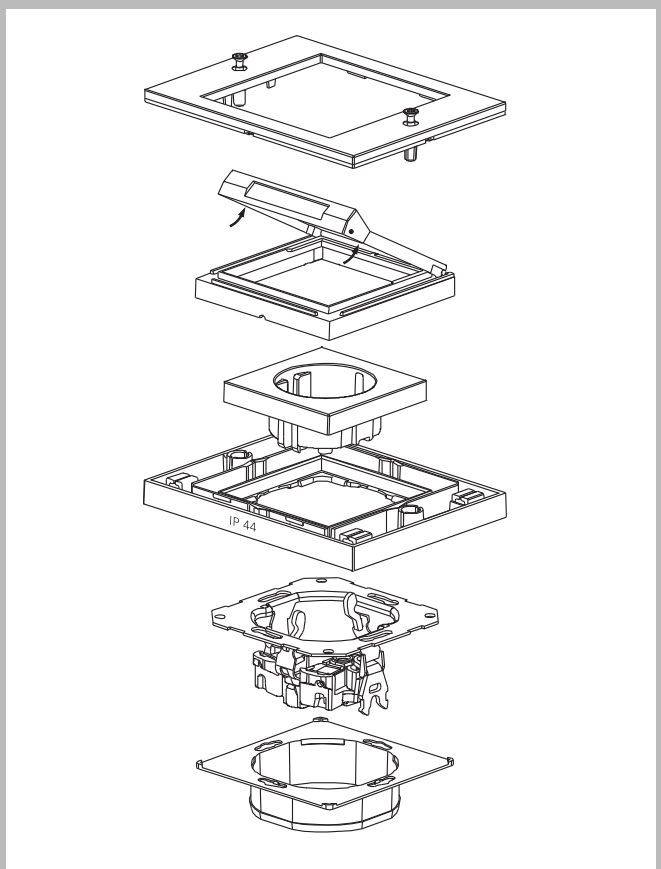
Disassembly



Removal

	Explanation
Ⓐ	Loosen Torx screws until the threaded dogpoint is flush with the frame surface, so that the screws do not fall out while the cover plate is being pried up.
Ⓑ	Pry up cover plate.

Integration of flush-mounted inserts from System 55



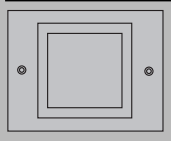
Integration of flush-mounted inserts from System 55

Order No.	Integration into intermediate plate with hinged cover Gira TX_44 **0654 ..** **0680 ..** **0694 ..** **0697 ..**	Integration into intermediate plate with transparent hinged cover Gira TX_44 **0409 ..**	Range-specific cover plate pure white .. **66** anthracite ... **67** aluminium... **65**
0110 02	•	•	
0111 02	•	•	
0114 ..		•	
0115 02	•	•	
0117 ..	•	•	
0122 ..		•	•
0125 ..		•	•
0126 ..		•	•
0127 ..		•	•
0128 ..		•	•
0136 ..		•	•
0188 ..	•	•	•
0209 ..		•	
0216 ..		•	
0217 ..		•	
0218 ..		•	
0258 ..	•	•	
0259 ..	•	•	
0260 ..	•	•	
0266 ..		•	
0268 ..	•	•	•
0270 ..	•	•	
0276 ..	•	•	
0277 ..	•	•	
0278 ..		•	
0279 ..	•	•	
0280 ..	•	•	
0283 ..	•	•	
0284 ..	•	•	
0285 ..		•	•
0286 ..		•	•
0287 ..		•	•
0290 ..		•	•
0294 ..		•	•
0295 ..		•	•
0296 ..		•	•
0297 ..		•	
0298 ..		•	0290 ..
0299 ..		•	0676 ..
0385 ..		•	
0390 ..		•	
0391 ..		•	
0392 ..		•	
0393 ..		•	
0394 ..		•	
0396 ..		•	
0397 ..		•	

Order No.	Integration into intermediate plate with hinged cover Gira TX_44 **0654 ..** **0680 ..** **0694 ..** **0697 ..**	Integration into intermediate plate with transparent hinged cover Gira TX_44 **0409 ..**	Range-specific cover plate pure white... **66** anthracite ... **67** aluminium... **65**
0402 ..	•	•	
0403 ..	•	•	
0405 ..	•	•	
0408 ..	•	•	
0418 ..	•	•	
0420 ..	•	•	
0421 ..	•	•	
0422 ..	•	•	
0424 ..	•	•	
0425 ..	•	•	
0427 ..	•	•	
0438 ..	•	•	
0449 02	•	•	
0451 ..		•	
0452 ..	•	•	
0453 ..	•	•	•
0455 02	•	•	
0456 02	•	•	
0457 ..	•	•	
0458 ..	•	•	
0462 ..	•	•	
0463 ..	•	•	
0464 ..	•	•	
0466 ..	•	•	
0468 ..	•	•	
0469 ..	•	•	
0472 02	•	•	
0473 02	•	•	
0474 02	•	•	
0479 ..	•	•	
0485 ..	•	•	
0487 ..	•	•	
0510 ..		•	
0538 ..		•	
0539 ..		•	
0540 ..		•	
0543 ..		•	
0545 ..		•	
0630 ..		•	
0631 ..		•	
0634		•	
0644 ..		•	
0650 ..		•	
0652 ..		•	
0655 ..		•	•
0663 ..	•	•	
0664 ..		•	•

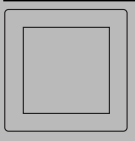
Order No.	Integration into intermediate plate with hinged cover Gira TX_44 **0654 ..** **0680 ..** **0694 ..** **0697 ..**	Integration into intermediate plate with transparent hinged cover Gira TX_44 **0409 ..**	Line-specific cover plate pure white... **66** anthracite ... **67** aluminium... **65**
0666 ..		•	•
0669 ..		•	•
0670 ..		•	
0673 ..		•	•
0674 ..		•	
0676 ..		•	
0678 ..		•	•
0679 ..		•	
0820 ..		•	
0822 ..		•	
0841 ..		•	
0860 ..	•	•	
0869 ..	•	•	
0876 ..	•	•	
1011 ..	•	•	
1013 ..	•	•	
1104 ..		•	
1111 ..	•	•	
1113 ..	•	•	
1150 ..		•	
1171 00		•	
1175 ..		•	
0289 ..	**Intermediate plate with square cut-out (55 x 55 mm) (IP 20)** Using this intermediate plate and cover frame (1- to 4-gang), products from System 55 can be integrated in TX_44. (hotel-card button, RCD (residual-current device) protection socket outlet, data interface, data cap, attachable covering cap, home station standard with receiver and home station comfort with receiver cannot be integrated with this intermediate plate.) **Not suitable for humid room installation, due to protection type IP 20.**		

Order No.	Integration into intermediate plate with hinged cover Gira TX_44 **0654 ..** **0680 ..** **0694 ..** **0697 ..**	Integration into intermediate plate with transparent hinged cover Gira TX_44 **0409 ..**	Line-specific cover plate pure white... **66** anthracite ... **67** aluminium... **65**
1186 ..		•	
1190 ..	•	•	
1280 ..		•	
1283 ..		•	
1285 ..		•	
1286 ..		•	
1308 ..		•	
1309 ..		•	
2001 ..	•	•	
2003 ..	•	•	
2100 ..		•	
2101 ..		•	
2260 ..		•	
2261 ..		•	
2264 ..		•	
2280 ..		•	
2282 ..		•	
2755 ..	•	•	
2756 02	•	•	
2757 02	•	•	
2758 02	•	•	
1163 ..	**Attachable covering cap with intermediate plate (55 x 55 mm) (IP 20) for e.g. plug-and-socket outlets of System 55** Using this covering cap with intermediate plate (55 x 55 mm) and covering cap (1- to 4-gang), plug-and-socket outlets of System 55 can be integrated into TX_44. Using the intermediate plate with square cut-out (50 x 50 mm) 0282 .., devices from other manufacturers can also be integrated. **Not suitable for humid room installation, due to protection type IP 20.** **Sampling the products is highly recommended.**		



LED orientation light
230 V
1159 .. (orange)
1161 .. (white)
1162 .. (blue)

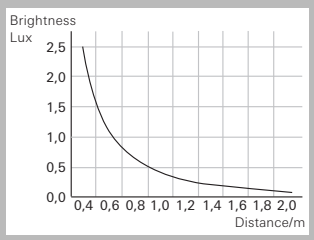
	Technical data
Power supply:	AC 230 V ~, 50 Hz
Connected load:	5.6 VA
Effective output:	0.85 W
Light current:	1.6 Lm (orange) 3.5 Lm (white) 1.3 Lm (blue)
Light intensity:	0.4 cd (orange) 0.8 cd (white) 0.3 cd (blue)
Light efficiency:	1.9 Lm/W (orange) 4.0 Lm/W (white) 1.5 Lm/W (blue)
Luminance:	150 cd/m² (orange) 330 cd/m² (white) 130 cd/m² (blue)
Protection type:	IP 44 (installation with sealing ring in a flush-mounted panel box) IP 20 (installation in a light outlet box)
Operating temperature:	- 15 °C to + 50 °C



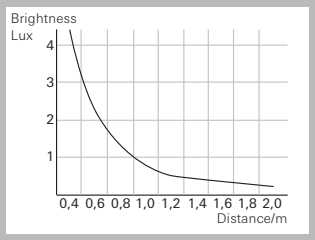
LED orientation light
230 V

1169 00

	Technical data
Power supply:	AC 230 V ~, 50 Hz
Connected load:	2.0 VA
Effective output:	1.8 W
Light current:	4.0 Lm
Light intensity:	1.3 cd
Light efficiency:	2.2 Lm/W
Luminance:	130 cd/m²
Protection type:	IP 20
Operating temperature:	- 15 °C to + 40 °C



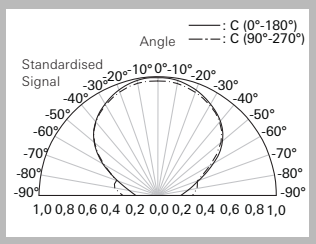
Brightness distribution in main shine direction 1159 .. (orange LED)



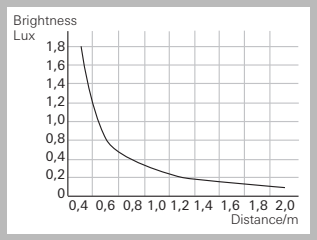
Brightness distribution in main shine direction 1161 .. (white LED)



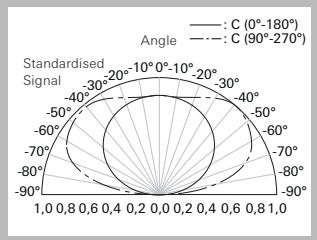
Brightness distribution in main shine direction 1169 00



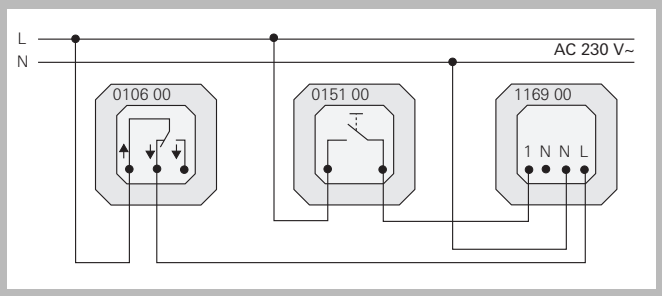
Radiation characteristic in polar coordinates



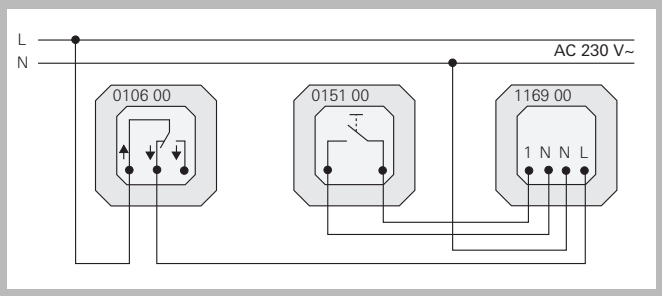
Brightness distribution in main shine direction 1162 .. (blue LED)



Radiation characteristic in polar coordinates

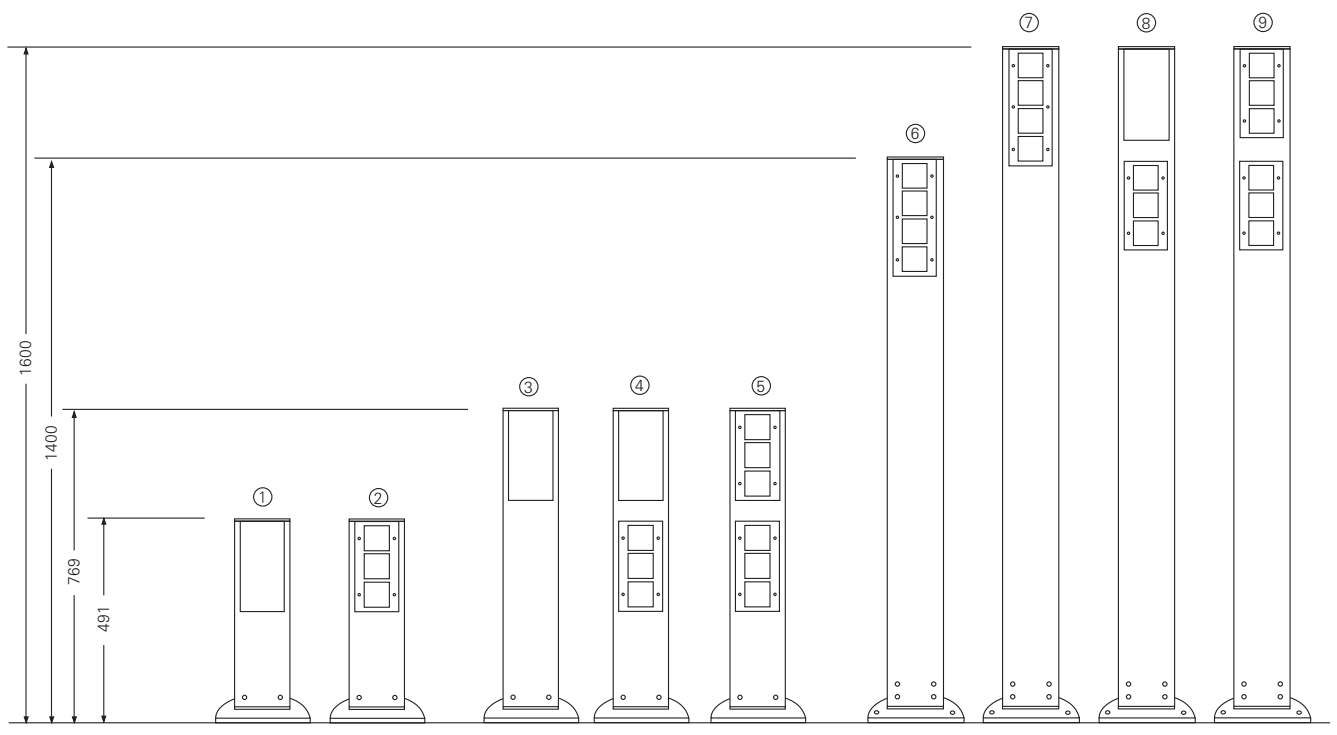


Connection for LED orientation light. Phase to control input 1



Connection for LED orientation light. Neutral conductor to control input 1

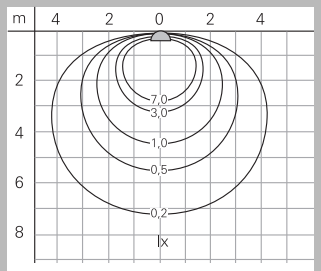
Energy and light profiles



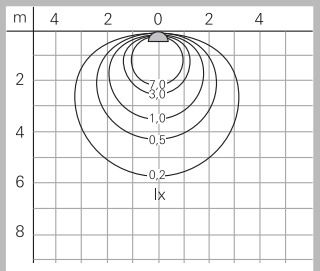
Energy profile, height: 491 mm

① Gira light profile

② Gira energy profile with three empty units



Lighting element: TC-TSE 20 W/827
Height of light spot above the ground: 0,363 m



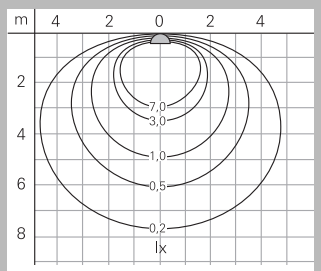
Lighting element: TC-DSE 11 W/827
Height of light spot above the ground: 0,363 m

Energy profile, height: 769 mm

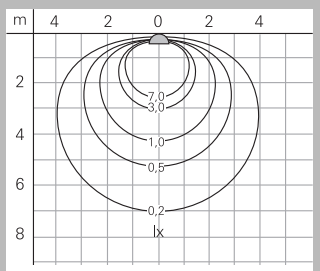
③ Gira light profile

④ Gira energy profile with light element and three empty units

⑤ Gira energy profile with six empty units



Lighting element: TC-TSE 20 W/827
Height of light spot above the ground: 0,65 m



Lighting element: TC-DSE 11 W/827
Height of light spot above the ground: 0,65 m

Energy profile, height: 1,400 mm

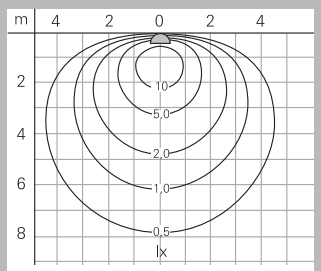
⑥ Gira energy profile with four empty units

Energy profile, height: 1,600 mm

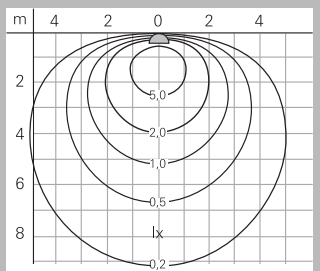
⑦ Gira energy profile with four empty units

⑧ Gira energy profile with light element and three empty units

⑨ Gira energy profile with six empty units

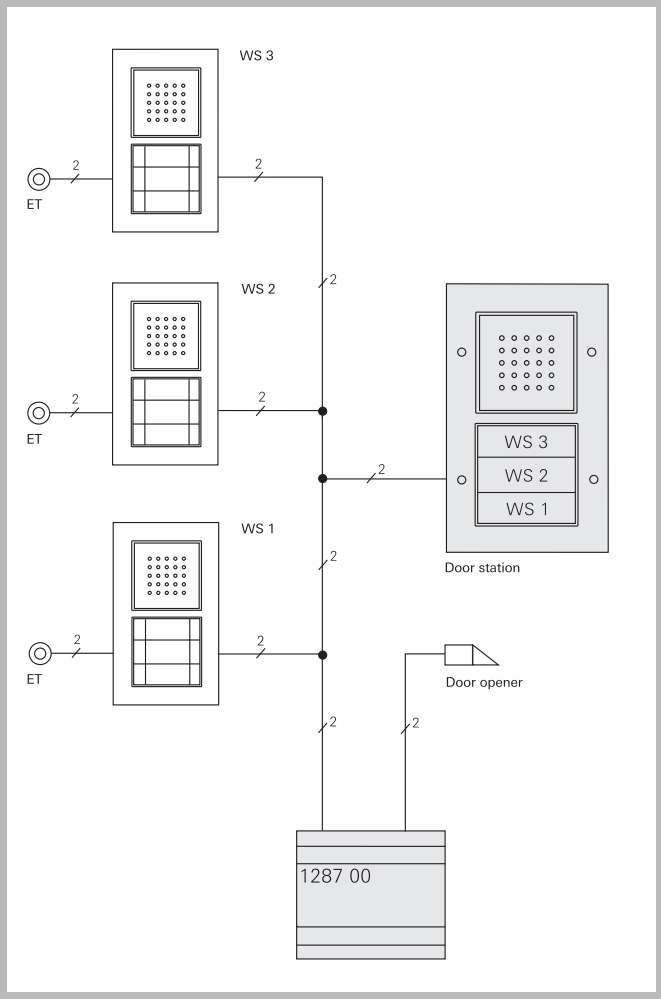


Lighting element: TC-DSE 20 W/827
Height of light spot above the ground: 1,52 m

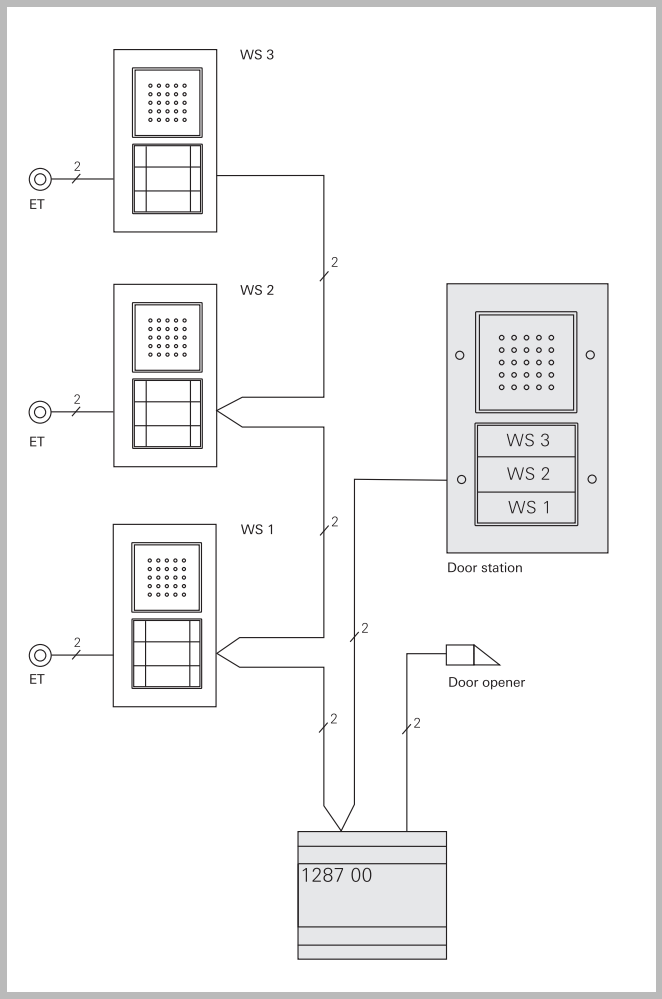


Leuchtmittel: TC-DSE 11 W/827
Heigt of light spot above the ground: 1,52 m

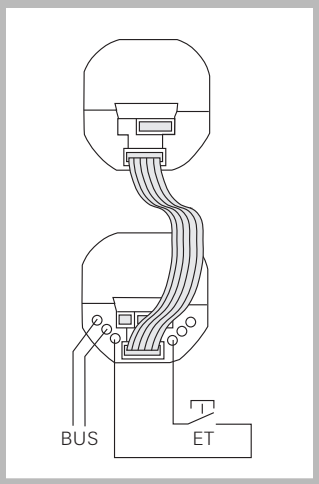
Audio



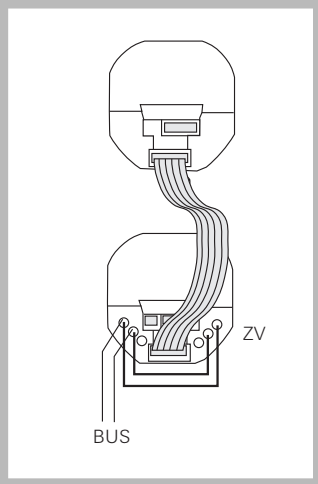
Solution: "branching"



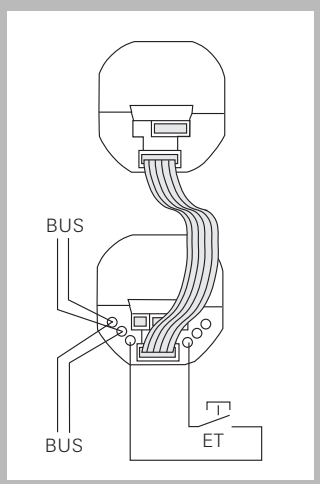
Solution: "looping through"



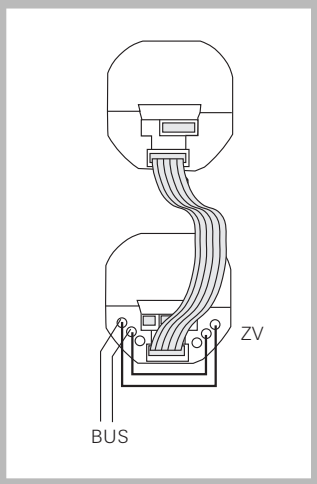
Connection of the home stations with the "branching" solution



Connection of the door station with the "branching" solution



Connection of home stations with the "looping through" solution



Connection of the door station with the "looping through" solution

Floor call button (ET)
The floor call button (ET) used is a standard push button (NO contact).

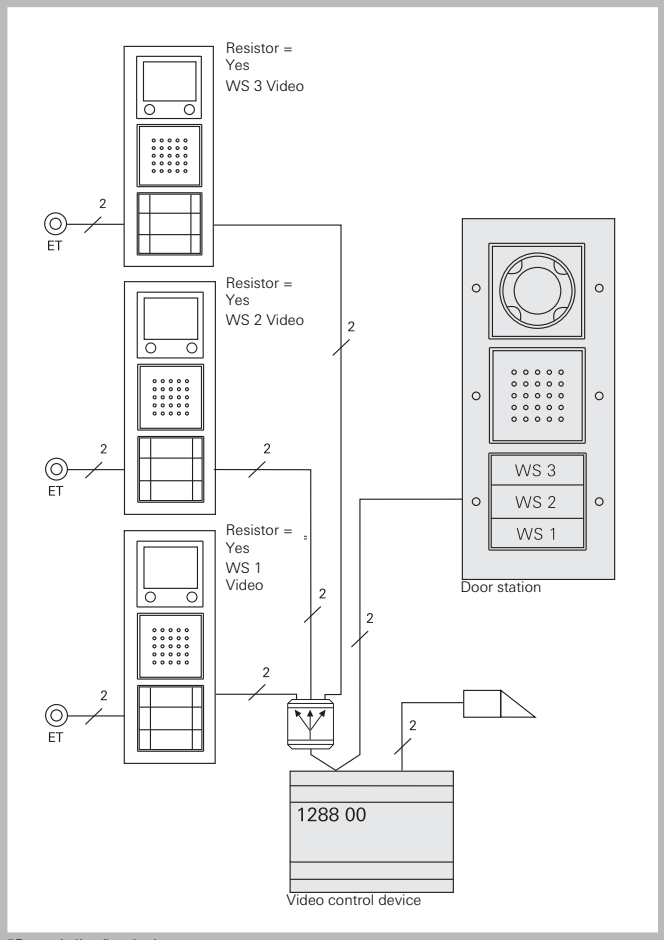
Call button illumination
The call button illumination of an audio door station can be switched off by removing the jumper between BUS and ZV.

Cable lengths for audio components
The maximum total cable lengths (distributed an several cable cords) ammounts to 700 m.
At every cable cord, maximally 30 participants may be connected.

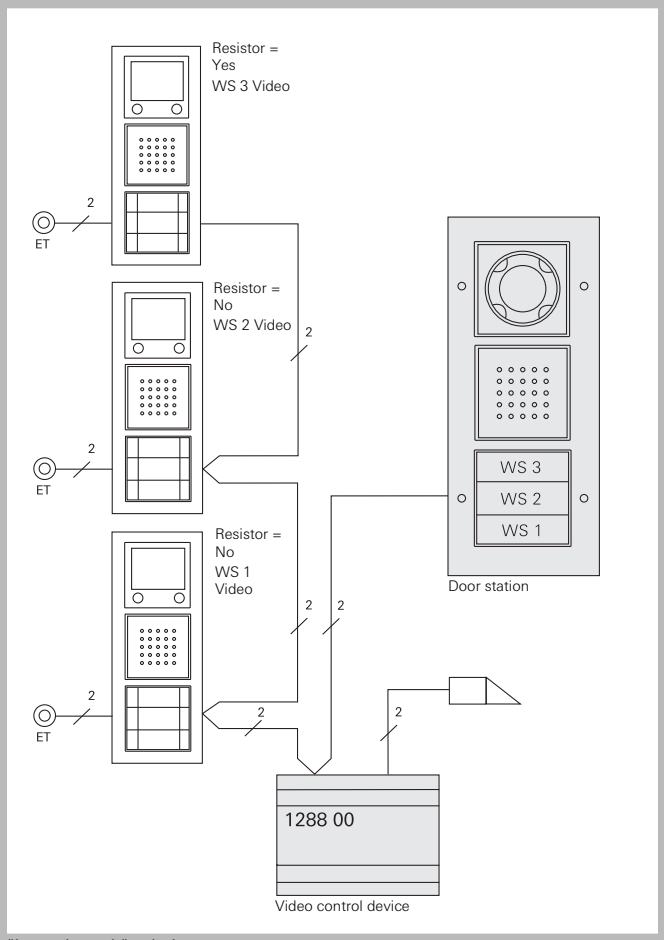
The maximum cable lengths of the single cords (of the control device to the last participant) are dependent upon the cable diameter used.
The guidelines for audio components are:

- 0.6 mm diameter: 170 m
- 0.8 mm diameter: 300 m

Video



"Branch line" solution

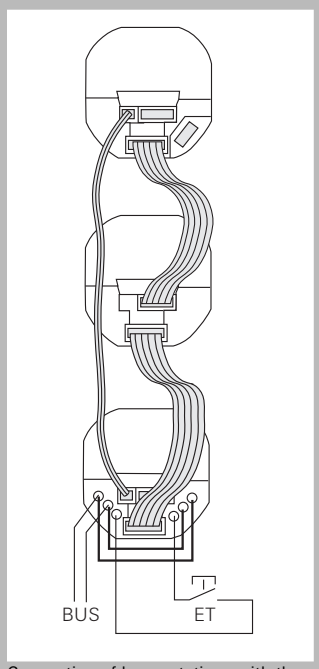


"Loop-through" solution

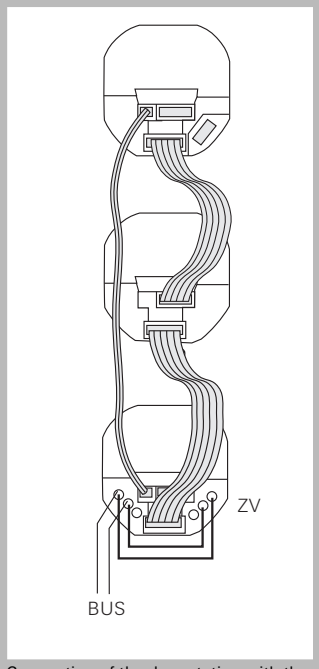
"Branch line" solution.
A video distributor must be used at the node to realise defined line termination.

"Loop-through" solution.
In the topology presented, a video distributor is not used when looping through the 2-wire bus.

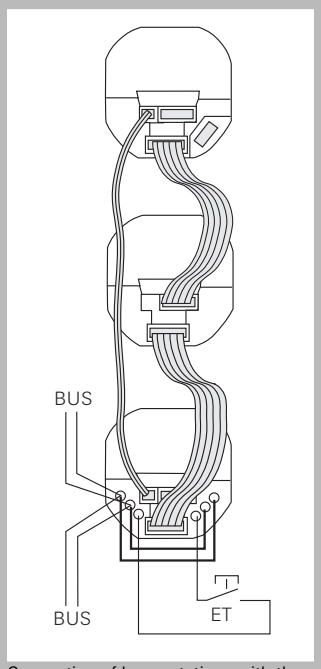
In some installation scenarios, a video distributor is required with a "loop-through", e.g. if several colour cameras are used.



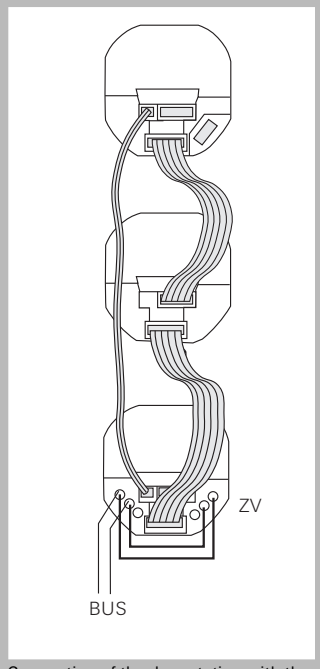
Connection of home stations with the "branch line" solution



Connection of the door station with the "branch line" solution



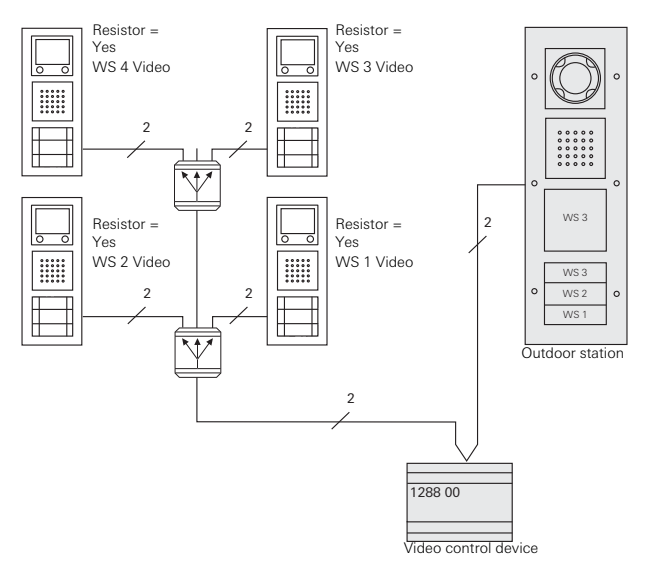
Connection of home stations with the "loop-through" solution



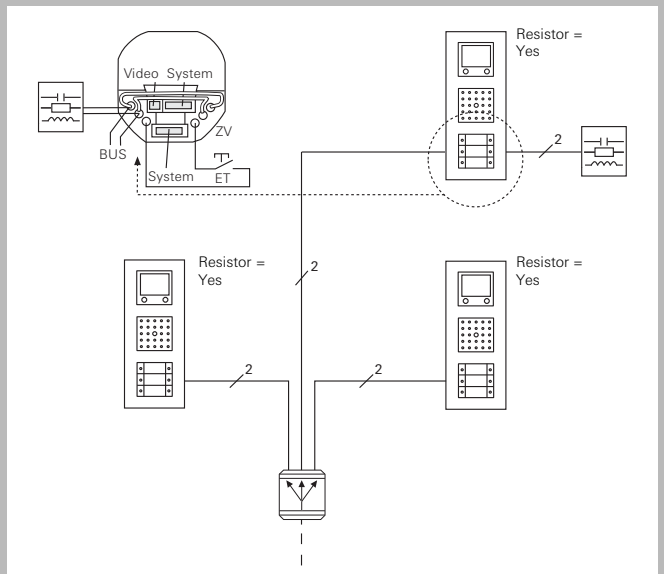
Connection of the door station with the "loop-through" solution

Cable lengths for video components
Without a video amplifier, the maximum cable length from the first camera to the last home station is 100/150 m (for 0.6/0.8 mm wire diameter).

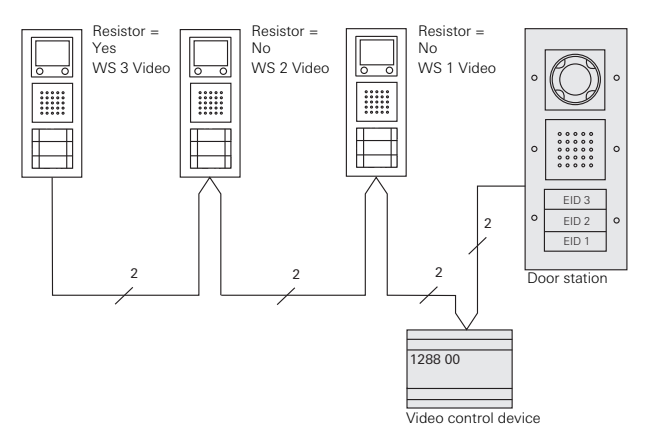
Rules for the configuration of the terminating resistance and for use of the video distributor

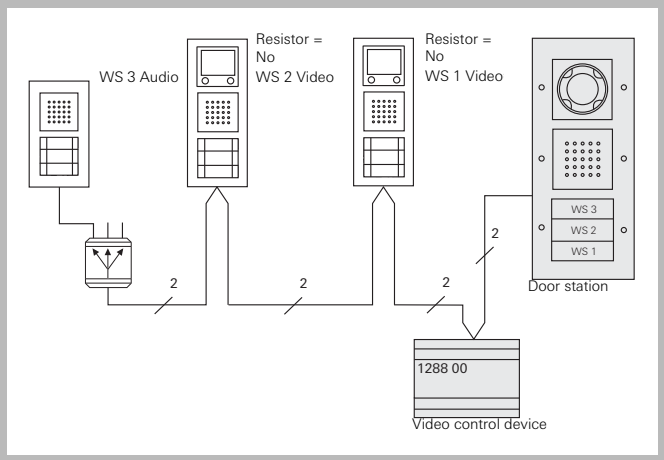


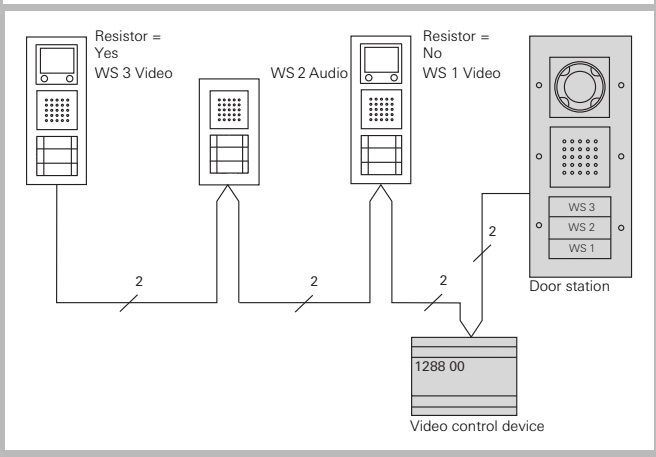
Always activate terminating resistance at the branch end.
The terminating resistance must be activated at the TFT display for home stations located at the branch end.



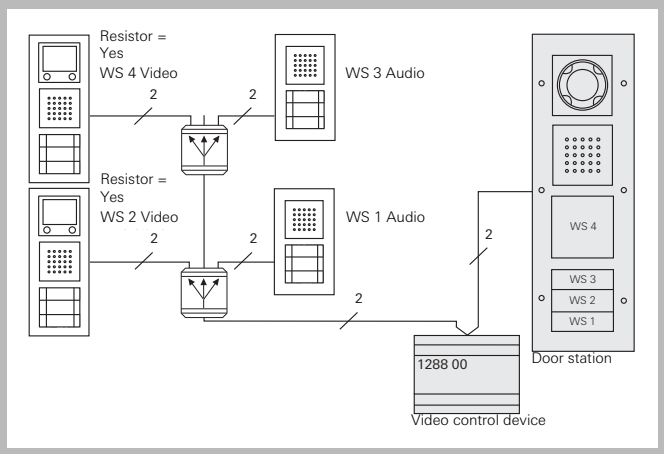
Terminating element
A terminating element is included in the scope of supply of the video distribution. See page 599 regarding the use of the terminating element.



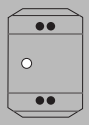




For loop-through, activate the terminating resistance of the last home station
Home stations without the video function can simply be integrated into the line and do not affect the setting of the last home station.



A video distributor is required with an audio home station at the branch end
If a home station without the video function is located at the end of a cable line, a video distributor must be inserted.



DCS video amplifier

1222 00

	Technical data
Temperature range:	- 25 °C to + 70 °C
Connection:	Screw terminals
Dimensions (W x H x D):	36 x 52 x 27 mm
Mounting:	- Surface-mounted in surface-mounted junction box - Flush-mounted in deep flush-mounted box - on a top-hat rail using included DRA adapter

Device description
The video amplifier extends the range of Gira door communication systems with video function.

The video amplifier increases the volume of the incoming video signal to the maximum permissible bus volume and outputs it at the output of the device. In doing so, the line attenuation from the source of the video signal to the input of the video amplifier is compensated.

With a video amplifier, the cable length between the door and home station can be extended by 100/150 m to a maximum of 300 m.

Connection terminals:
Bus IN

Connection for the incoming video signal from door stations with video function, DCS-camera-gateways or DCS-IP-gateways.

Because the video signal in the video amplifier is only routed in one direction from Bus IN to Bus OUT, all devices which emit a video signal must be connected to Bus IN via the Gira 2-wire bus.

Bus OUT

Connection of the video amplifier to home stations with video function. The video signal is forwarded amplified via Bus OUT.

Cable lengths
In systems with video components, the maximum total line length is 300 m (distributed to several cable lines).

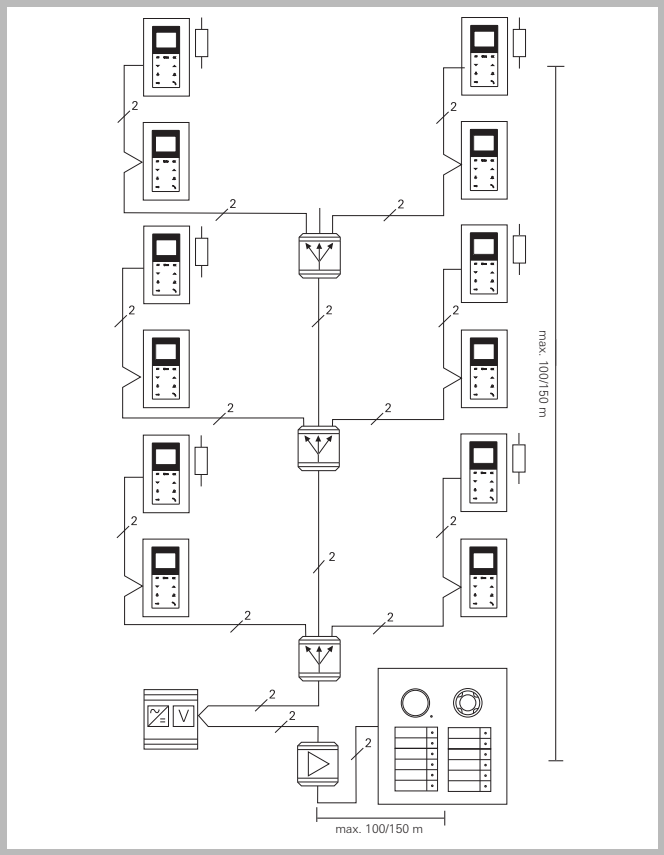
Without a video amplifier, the maximum cable length from the first camera to the last home station is 100/150 m (for 0.6/0.8 mm wire diameter).

With a video amplifier, the maximum cable length from the first camera to the last home station is 200/300 m (for 0.6/0.8 mm wire diameter). However, the maximum line lengths (from the control device to the last device) may not be exceeded.

Maximum line lengths with video components from the control device to the last device (when using the video amplifier):

- 100 m with 0.6 mm wire diameter
- 150 m with 0.8 mm wire diameter

A maximum of 16 video devices may be connected to a wiring section.



Example system with 12 home stations and specification of cable lengths

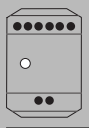
Note:
The video control device can supply up to 31 devices with electricity (e.g. 28 home stations, 2 door stations with colour camera, 1 video amplifier). In doing so, the number of devices depends on the number of home stations with video function called simultaneously:

Home stations video per residential unit	1	2	3
Residential units	28	12	6
Home stations	28	24	18

Additionally, the following rules apply:

- A maximum of 16 devices can be connected to each cable line.
- The video amplifier counts as 1 device.
- A maximum of 15 video distributors including video multiplexers can be used in one system.

The lengths specified in this example are the maximum line lengths per line.



DCS video distributor

1226 00

Technical data:

Temperature range:	- 25 °C to + 70 °C
Connection:	Screw terminals
Dimensions (W x H x D):	36 x 52 x 27 mm
Mounting:	- Surface-mounted in surface-mounted junction box - Flush-mounted in deep flush-mounted box - On a top-hat rail using included DRA adapter

Device description

The video distributor distributes the video signal of the door stations, DCS-camera-gateways and DCS-IP-gateways to the home stations. It is required when the cable routing in the door communication system is carried out as a branch line.

The video distributor is cascadable. A total of up to 15 video distributors including video multiplexers can be installed in one system.

Connection terminals:
Bus IN

Connection for the incoming video signal from door stations with video function, DCS-camera-gateways or DCS-IP-gateways.

Because the video signal in the video distributor is only routed in one direction from Bus IN to Bus OUT, all devices which emit a video signal must be connected to Bus IN via the Gira 2-wire bus.

Bus OUT

Connection of the video distributor to home stations with video function.

Terminating element

There is a terminating element included in the video distributor's scope of supply. The following rules apply to the use of the terminating element:

- A terminating element is required if a system is operated with more than 10 devices with a BUS_IN/ BUS_OUT terminal (e.g. video distributor, video amplifier, video multiplexer, DCS-camera-gateway, DCS-IP-gateway, etc.).
- The terminating element is connected to the door and home stations which are located at the line end.
- The terminating element is connected to the BUS terminals parallel to the 2-wire bus.
- The terminating resistance is set to "YES" in the start-up menu of the home stations with a terminating element.

A maximum of 3 terminating elements may be installed in one system. If there are more than 3 lines in a system, the following rules apply:

- The terminating element is installed in the three lines with the most devices with a BUS_IN/BUS_OUT terminal.
- For the same number of devices in the lines, the longest line is provided with a terminating element.

-

DCS video multiplexer

1224 00

Temperature range:	- 25 °C to + 70 °C
Connection:	Screw terminals
Dimensions (W x H x D):	36 x 52 x 27 mm
Mounting:	- Surface-mounted in surface-mounted junction box - Flush-mounted in deep flush-mounted box - On a top-hat rail using included DRA adapter

Device description

The video multiplexer bundles the video signal of door stations, DCS-camera-gateways and DCS-IP-gateways. A video multiplexer can bring the video signals from 3 cameras together. Using 2 video multiplexers, the video signals from up to 5 devices can be brought together.
If more than 5 cameras should be integrated in the Gira door communication system, the DCS-camera-gateways must be "looped through".

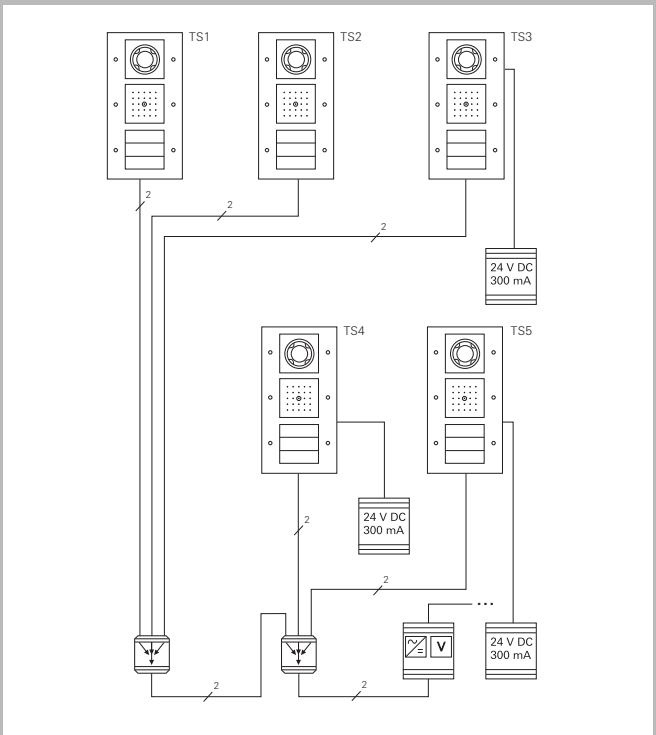
Connection terminals:
Bus IN

Connection for the incoming video signal from door stations with video function, DCS-camera-gateways or DCS-IP-gateways.

Because the video signal in the video multiplexer is only routed in one direction from Bus IN to Bus OUT, all devices which emit a video signal must be connected to Bus IN via the Gira 2-wire bus.

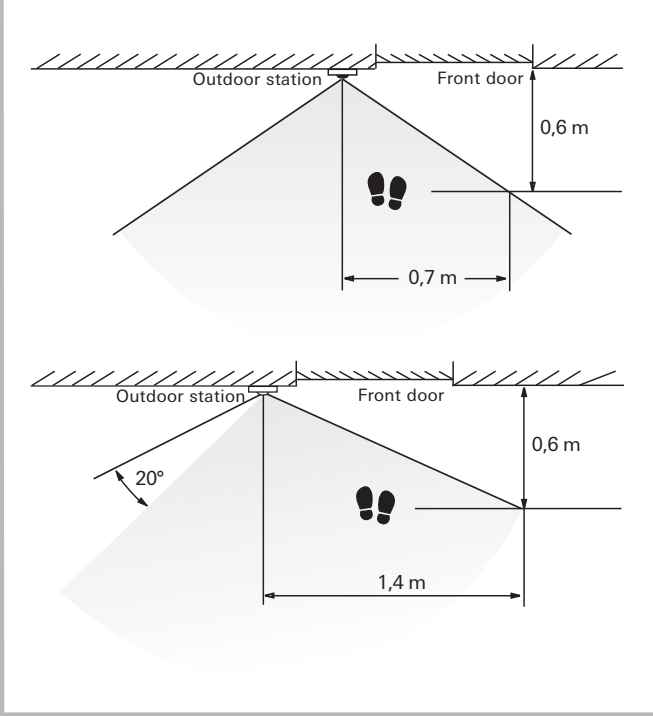
Bus OUT

Connection of the video multiplexer to the video control device or another video multiplexer.



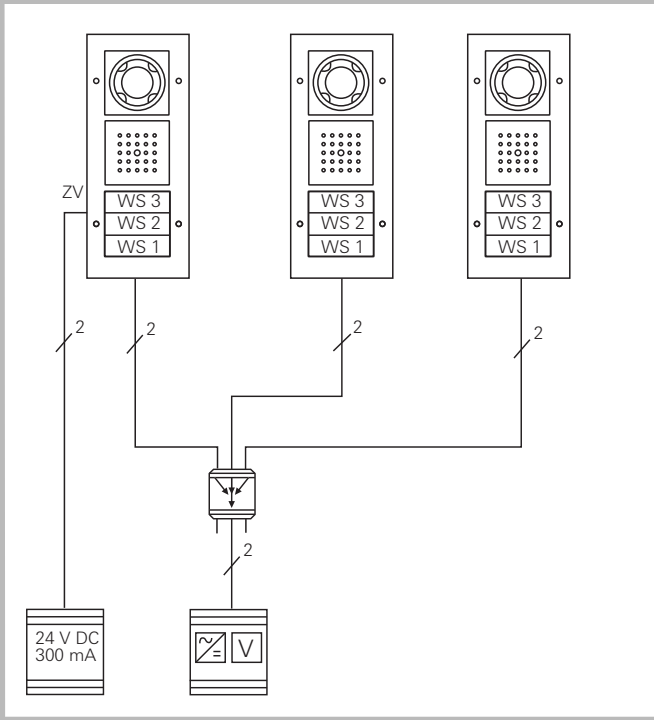
Example: Connection of 5 cameras

Range of coverage of the colour camera

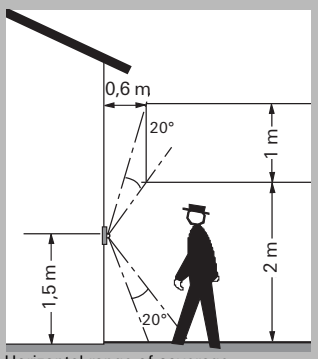


The camera lens can be manually adjusted approx. 20° in all directions.

Use of several colour cameras



Connection of several colour cameras



Horizontal range of coverage

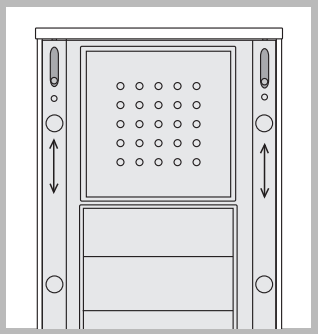
The following items are to be noted when positioning a door station with colour camera.

Avoid:
- direct sunlight
- direct backlighting, e.g. via outdoor or street illumination
- bright or reflective image backgrounds
- installing the colour camera directly below a light source

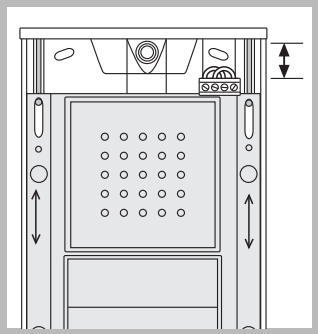
Video multiplexer
The video multiplexer bundles the video signals of door stations and DCS-camera-gateways. A video multiplexer can bring the video signals from three cameras together. Using two video multiplexers, the video signals from up to five door stations with colour cameras can be brought together.

Additional power supply
With certain system configurations (several parallel door and home stations with video function), it is necessary to supply a door station with colour camera via the additional power supply. Two colour cameras can be supplied via the video control device. The third colour camera requires an additional power supply.

Surface-mounted door station



Surface-mounted door station with call button 3-gang

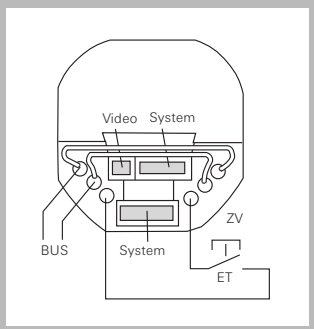


Surface-mounted door station with call button 3-gang, with shifted PCB

To obtain installation space, the device PCB of the surface-mounted door stations can be pushed downwards.

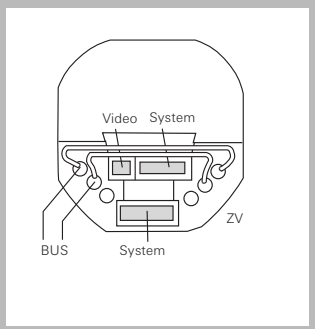
Attention
The device PCB may not be pulled out of the housing completely.

Door communication bus coupler



Bus coupler of a home station with TFT display

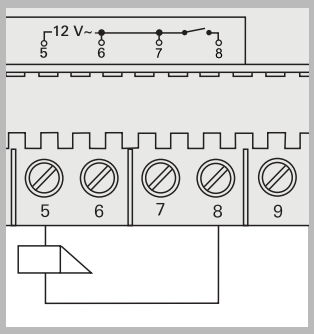
Bus coupler jumpers
When operating the TFT display, the accompanying wire jumpers must be connected between BUS and ZV at the bus coupler of the home station.



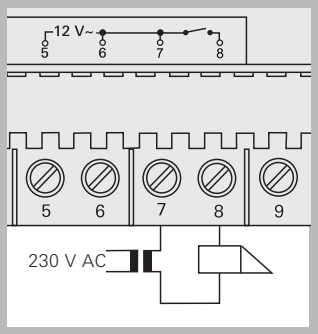
Bus coupler of a door station with colour camera

Bus coupler jumpers
The call-button illumination at the door station is supplied via the accompanying wire jumpers.
When operating the colour camera, the wire jumpers must be laid between BUS and ZV at the bus coupler of the door station. Thus the call button illumination cannot be deactivated in this case.

Door opener at audio control device

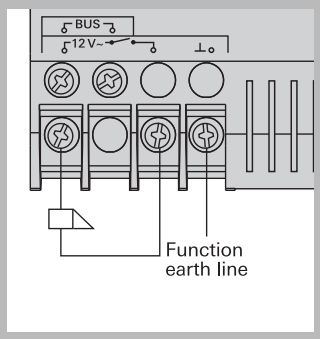


Connection of a door opener (12 V, max. 1.6 A) to the audio control device.
The power supply of the door opener comes from the audio control device.

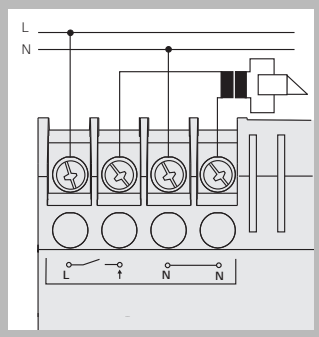


Connection of a door opener with external power supply (e.g. 24 V AC) to the audio control device.
The power supply of the door opener comes from an additional transformer.

Door opener at video control device

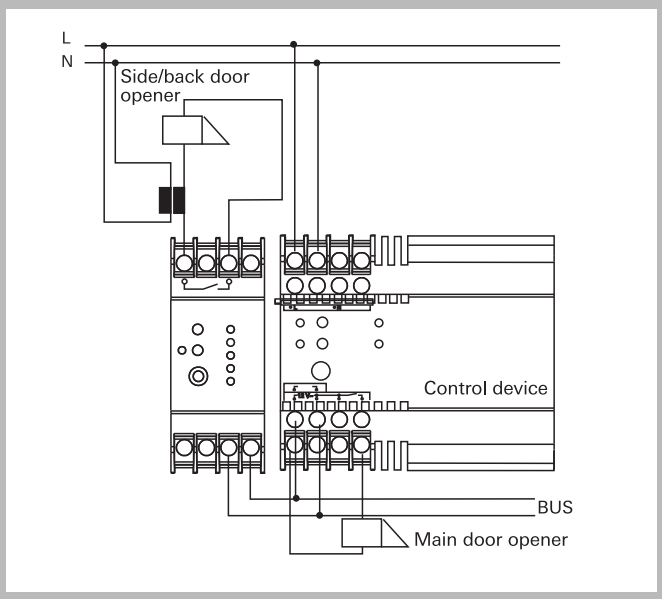


Connection of a door opener (8 - 12 V, max. 1.1 A) to the video control device.
The power supply of the door opener comes from the video control device.



Connection of a door opener with external power supply (230 V AC, max. 2 A) to the video control device.
The power supply of the door opener comes from an additional transformer.

Door opener at switching actuator



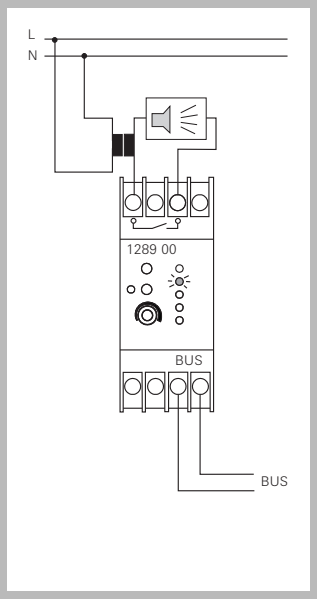
Connection of a door opener to the switching actuator

The door opener connected to the switching actuator is assigned to the door station of the "back/side" door. The door opener of the "main" door is operated via the control unit.

In the "Türöffner" operating mode, the switching actuator of the door opener button of the home station is operated.

The door opener connected to the switching actuator can then only be activated via the door opener button of the home station if a door call was initiated beforehand from the door station of the "side/back" door. 2 min. after the door call (without a conversation) or 30 sec. after the door conversation occurs, switching to the "main" door takes place.

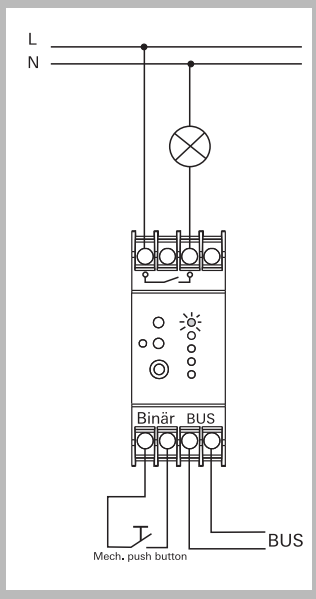
Switching actuator applications



Connection of an additional signal transmitter

Example "Additional signalling"
Parallel to the door call at the home station, additional signaling (external bell, vibrating pad etc.) is to be triggered after call button actuation.

In this case, the "Timer/sek." operating mode is selected at the switching actuator.

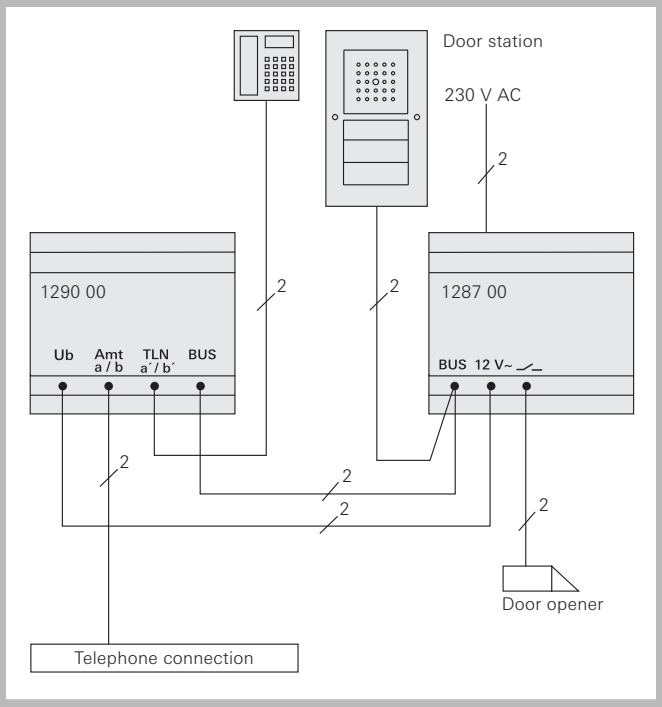


Connection of a light

Example "Switching illumination"
The lighting can be switched on and off via a call button of a home station and via the mechanical push button.

In this case, the "Schalten" operating mode is selected at the switching actuator.

TC-gateway on analogue telephone connection



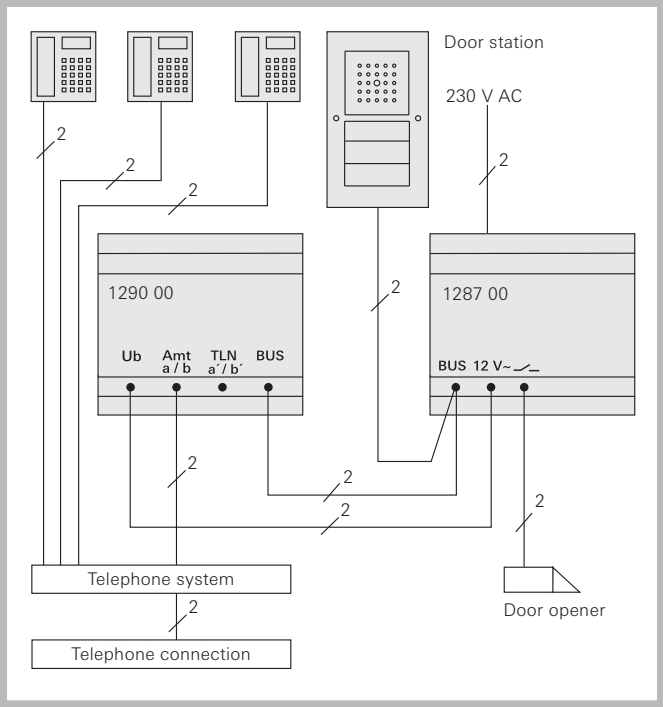
Connection to the analogue exchange connection

With use on an analogue telephone connection, an analogue telephone is connected to the "TLN" port. All door calls are forwarded to the connected telephone.
In addition, door calls can be forwarded to an external phone number (e.g. a mobile phone).

A conversation can then be held with the person at the door station via the external telephone, and, if necessary, the door can be opened.

ISDN
With an ISDN connection, attach the exchange connection of the TC-gateway to the analogue AB port of the ISDN system.

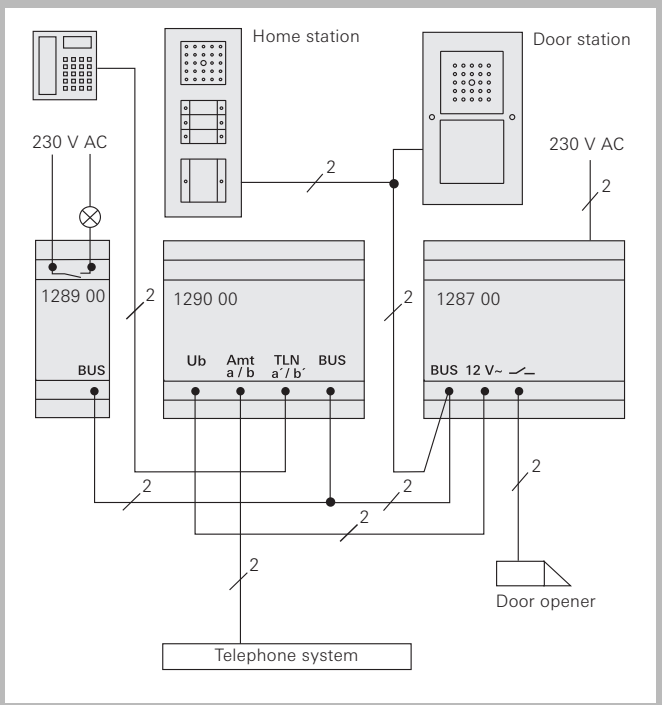
TC-gateway on a telephone system



Connection to a telephone system

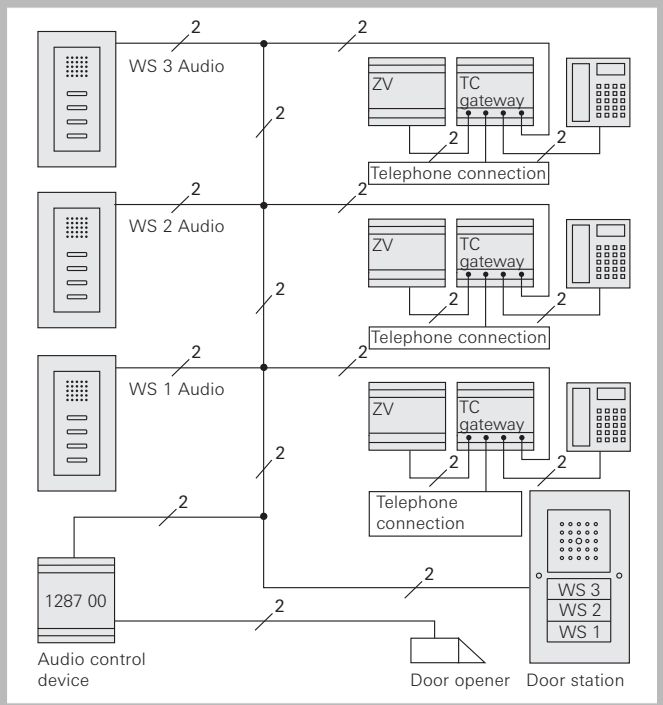
When operating the Gira TC-gateway on the analogue auxiliary unit of a telephone system, the range of features and the behaviour of the individual devices depend on the telephone system.

In auxiliary unit operation, all door calls are forwarded via the exchange terminal of the TC-gateway to the telephone system and then distributed to the connected telephones from there.



TC-gateway in a single-family house

Example of application single-family house
The single-family house has a door station, a home station with an additional call button, a switching actuator, which switches the outdoor lighting and a TC-gateway. The TC-gateway is attached to the analogue telephone connection.

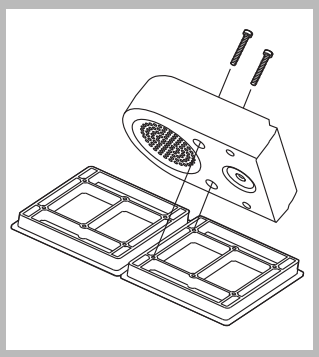


TC-gateways in a multi-family house

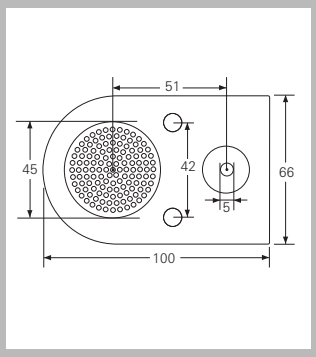
Example of application multi-family house
The multi-family has a door station with three call buttons.

Each flat has a home station and a TC-gateway with its own additional power supply (AS).

Built-in loudspeaker



Installation of built-in loudspeaker



Dimensions of built-in loudspeaker

Function

With the built-in loudspeaker, the Gira door communication system is integrated in letterbox systems, door side installations or front panels.
In the process, the built-in loudspeaker acts as an adapter between the mechanical call buttons of the existing system and the Gira 2-wire bus and takes over the function of the door station.

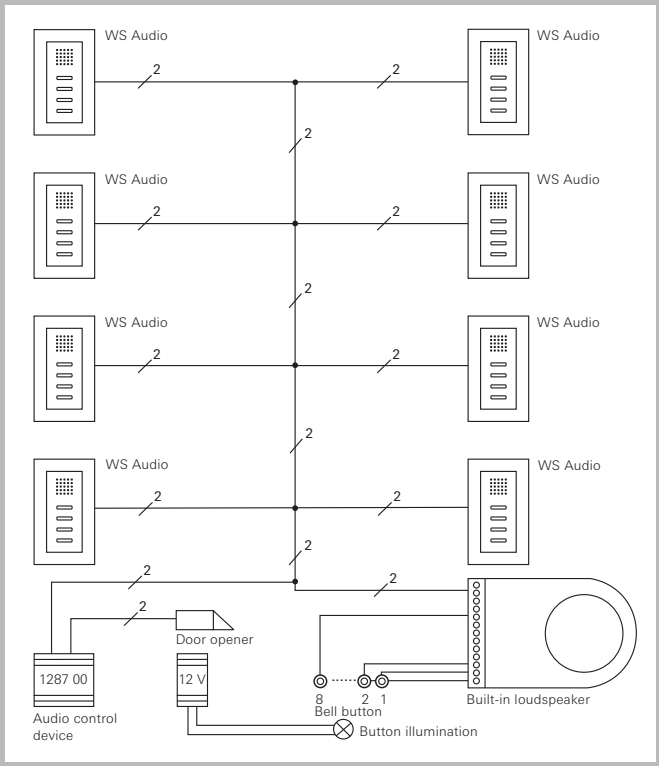
Installation

The built-in loudspeaker in mounted behind the speech cover plate of the existing system. Depending on the design, this is carried out directly on the front panel or via a manufacturer-dependent installation carrier.
The built-in loudspeaker has two mounting openings which are matched to the mounting systems of common installation solutions.

Add-on module

Up to 8 mechanical bell buttons can be connected to the door loudspeaker. Additional bell buttons can be connected via the add-on module. Up to 5 add-on modules with 12 bell buttons each can be connected to a built-in loudspeaker.
Systems with up to 70 devices can be realised with the built-in loudspeaker, for example
- 1 built-in speaker with
- 5 add-on modules,
- 68 surface-mounted hands-free home stations and
- 1 switching actuator.

Supply of the call-button illumination in large facilities

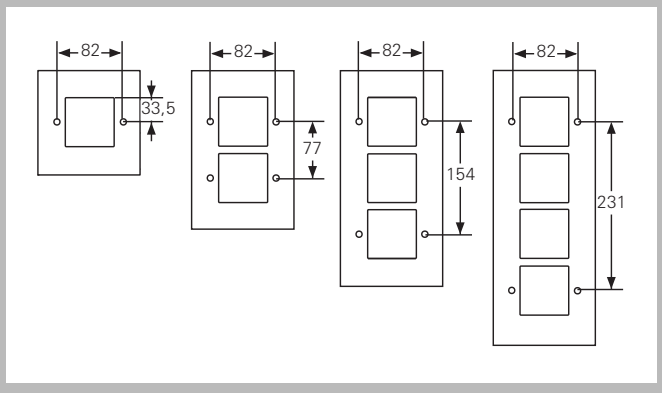


Connection of built-in loudspeaker

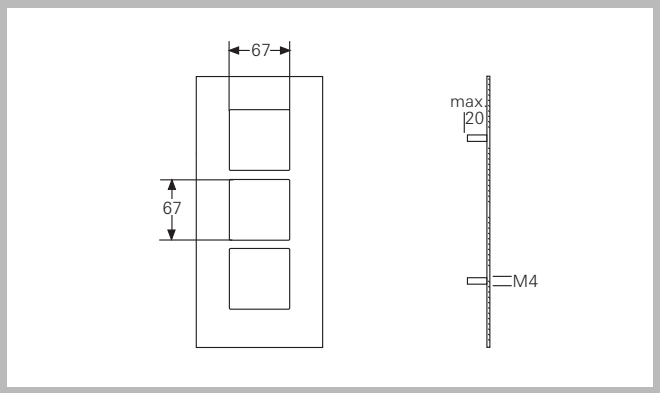
Illumination of the bell button

The illumination of the bell button cannot be supplied with power via the control device. The bell button illumination must be connected to an additional power supply, e.g. a common bell transformer.

Installation profile



Positions of holes (for M4 x 16 mm screws)



Cut-outs for TX_44 inserts
Dimensions of the welded pins (M4 x 20 mm)

Function

With the installation profile the components of the flush-mounted door station are integrated flush in letterboxes, front panels or door side installations. The installation profile is available in 1 to 4-gang models.

Height compensation

The height compensation ensures that the components can also be installed flush with front panel wall thicknesses from 1.25 – 4 mm.

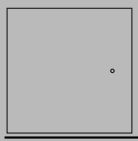
Installation

The installation profile is secured on the front panel with screws or welded pins.
As an alternative, the installation profile can also be glued to the front panel with the optionally available attachment set.



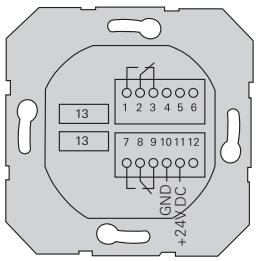
Keypad

2650 ..



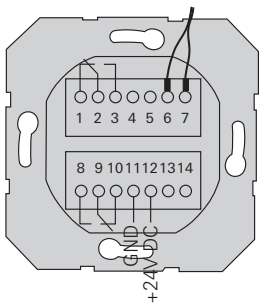
Transponder reader

2606 ..



1 Relay 1 N.O. (NO contact)
2 Relay 1 COM
3 Relay 1 N.C. (NC contact)
4 do not use
5 do not use
6 GND
7 Relay 2 N.O. (NO contact)
8 Relay 2 COM
9 Relay 2 N.C. (NC contact)
10 GND
11 + 24 V DC
12 not used
13 6-pole slot of door communication system

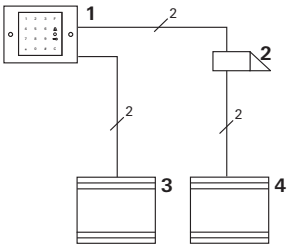
Connection terminals of keypad



1 Relay 1 N.C. (NC contact)
2 Relay 1 COM
3 Relay 1 N.O. (NO contact)
4 do not use
5 do not use
6 GND door communication
7 COM bus door communication
8 Relay 2 N.O. (NO contact)
9 Relay 2 COM
10 Relay 2 N.C. (NC contact)
11 GND
12 + 24 V DC
13 GND for activation input
14 Activation input

Connection terminals of transponder reader

Use as individual device

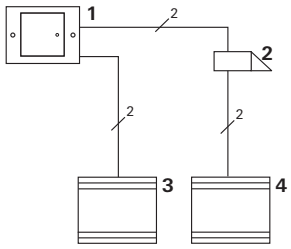


1 Keypad
2 Door opener
3 Power supply, 24 V DC
4 Power supply of door opener

When operating the keypad as a stand-alone function, zero-voltage relay contacts within the flush-mounted insert are used, e.g. to control a door opener with its own power supply.

The use of the keypad as an individual device is not recommended for opening outside doors, especially in safety-relevant areas, as the door can be opened when the keypad is removed by bridging the contacts which are then exposed.

Use as individual device

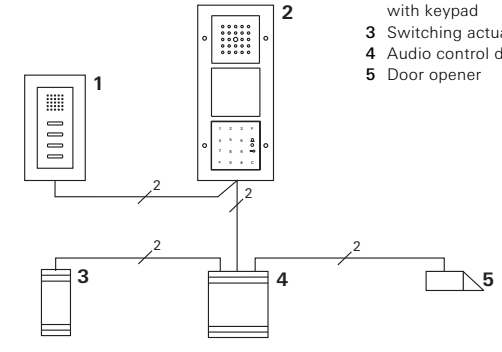


1 Transponder reader
2 Door opener
3 Power supply, 24 V DC
4 Power supply of door opener

When operating the transponder reader as a stand-alone function, zero-voltage relay contacts within the flush-mounted insert are used, e.g. to control a door opener with its own power supply.

The use of the transponder reader as an individual device is not recommended for opening outside doors, especially in safety-relevant areas, as the door can be opened when the transponder reader is removed by bridging the contacts which are then exposed.

Use in a door communication system



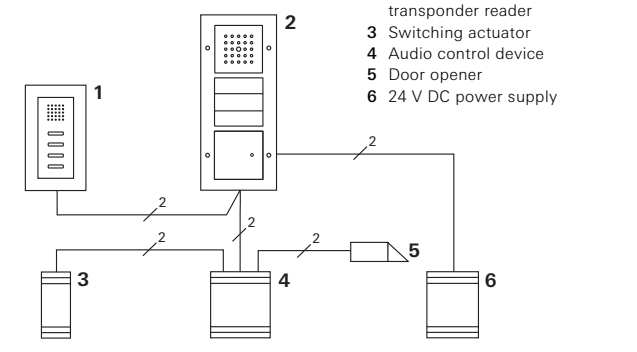
1 Surface-mounted home station
2 Flush-mounted door station with keypad
3 Switching actuator
4 Audio control device
5 Door opener

The keypad is connected to the door communication system with the 6-pole connection cable. The keypad can be supplied with power via the door communication bus. In this case, the jumpers between ZV and BUS must be attached to the bus coupler of the door station.

The keypad can, for example control the door opener contact of the control device or can trigger switching actuator switching actions.

In addition, home stations can be called directly from the door communication system.

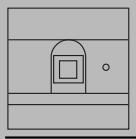
Use in a door communication system



1 Surface-mounted home station
2 Flush-mounted door station with transponder reader
3 Switching actuator
4 Audio control device
5 Door opener
6 24 V DC power supply

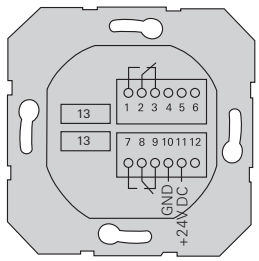
The transponder reader is connected to the door communication system with the included connection cable.
The transponder reader cannot be supplied with power via the door communication bus, i.e., the transponder reader must be operated with an additional power supply.

The transponder reader can, for example, control the door opener contact of the control device or can trigger the switching actuator switching actions via previously taught-in transponder keys.



Fingerprint reader

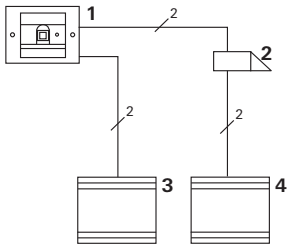
2607 ..



1 Relay 1 N.O. (NO contact)
2 Relay 1 COM
3 Relay 1 N.C. (NC contact)
4 do not use
5 do not use
6 GND
7 Relay 2 N.O. (NO contact)
8 Relay 2 COM
9 Relay 2 N.C. (NC contact)
10 GND
11 + 24 V DC
12 not used
13 6-pole slot of door communication system

Connection terminals of fingerprint reader

Use as individual device

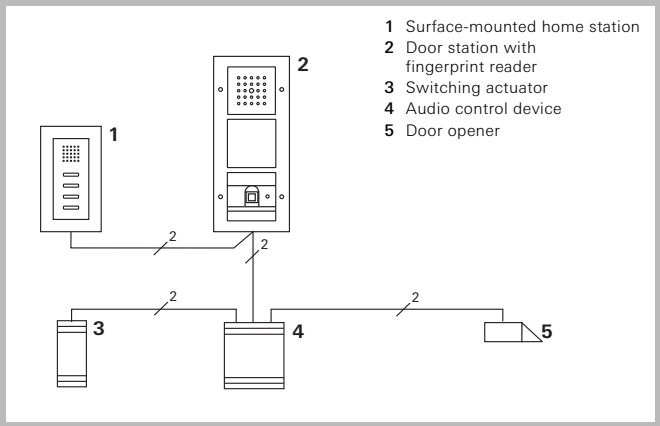


1 Fingerprint reader
2 Door opener
3 Power supply, 24 V DC
4 Power supply of door opener

When operating the fingerprint reader as a stand-alone function, zero-voltage relay contacts within the flush-mounted insert are used, e.g. to control a door opener with its own power supply.

The use of the fingerprint reader as an individual device is not recommended for opening outside doors, especially in safety-relevant areas, as the door can be opened when the fingerprint reader is removed by bridging the contacts which are then exposed.

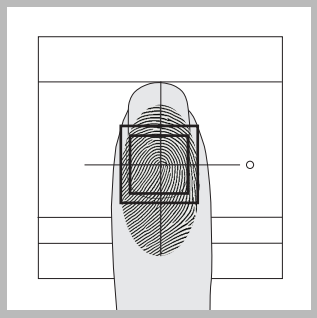
Use in a door communication system



1 Surface-mounted home station
2 Door station with fingerprint reader
3 Switching actuator
4 Audio control device
5 Door opener

The fingerprint reader is connected to the door communication system with the 6-pole connection cable. The fingerprint reader can be supplied with power via the door communication bus. In this case, the jumpers between ZV and BUS must be attached to the bus coupler of the door station.

The fingerprint reader can, for example, control the door opener contact of the control device or can trigger switching actuator switching actions via a previously taught-in user finger.



Optimal positioning of finger
In order to ensure proper functioning of the fingerprint reader, the finger must be correctly laid on during both teaching-in and subsequent operation. It is important that the finger area with the greatest fingerprint swirls (middle of finger pad) is registered by the fingerprint sensor.

Important:
Humidity (formation of drops) on the scanner surface can negatively affect the detection of the user finger. In this case, wipe the scanner surface dry before laying on the finger.

Teaching in user finger

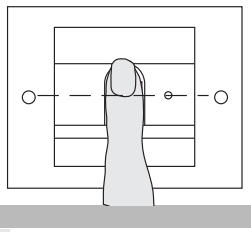
For the teaching-in of a user finger, the finger to be taught-in is repeatedly laid on. It is important to vary the position of the finger by a few millimetres each time when laying on repeatedly, so that the fingerprint reader can register the largest possible finger area.

Important:
Do not turn the finger during teach-in.

1. Lay on the finger to be taught-in in the middle until an acknowledgement tone is heard.
2. Lay on the finger shifted slightly upwards.
3. Lay on the finger shifted slightly downwards.
4. Repeat steps 1 – 3 until 2 long acknowledgement tones are heard and the LED lights up green.

With "difficult" fingers (e.g. those of small children or those with very dry skin) it may be necessary to lay on the finger to be taught-in up to 7 times. If a negative acknowledgement is heard after the seventh attempt (3 short tones), the teach-in of the finger was not successful. In this case lay on the finger again (step 1) or use another finger.

1



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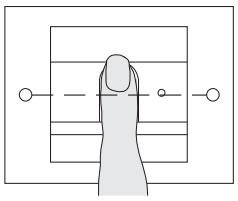

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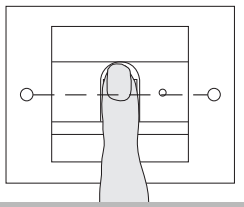
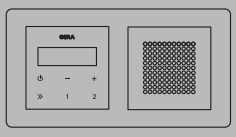
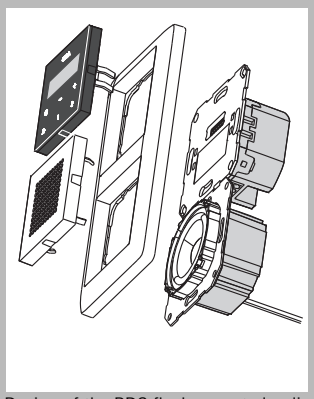




RDS flush-mounted radio

2280 ..

Technical data	
Operating voltage:	230 V AC
Temperature range:	- 5 °C to + 50 °C
Humidity:	25 to 90 %
Frequency range:	87.50 to 107.90 MHz
Protection type:	IP 20
Connection:	Screw terminals 2.5 mm² (mains connection) 1.5 mm² (Loudspeaker/AUX)
Permissible loudspeaker impedance:	4 to 16 ohms
Input impedance AUX input:	47 kohms
Maximum cable lengths	
Loudspeaker connection:	20 m
AUX connection:	3 m



Design of the RDS flush-mounted radio

Design of the RDS flush-mounted radio

The RDS flush-mounted radio consists of a radio insert with operating top unit and loudspeaker insert with cover plate. The RDS flush-mounted radio is installed in conventional flush-mounted device boxes.

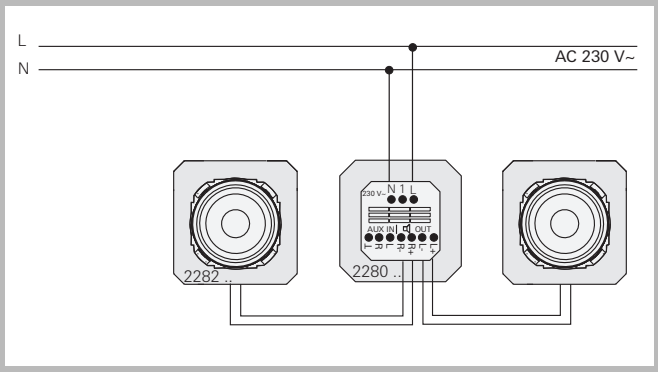


Operating top unit

Operating top unit

Operation of the flush-mounted radio is via capacitive operating buttons. The radio is switched on by touching anywhere on the entire operating surface.

The operating top unit is equipped with a display showing the station name, frequency and current time.



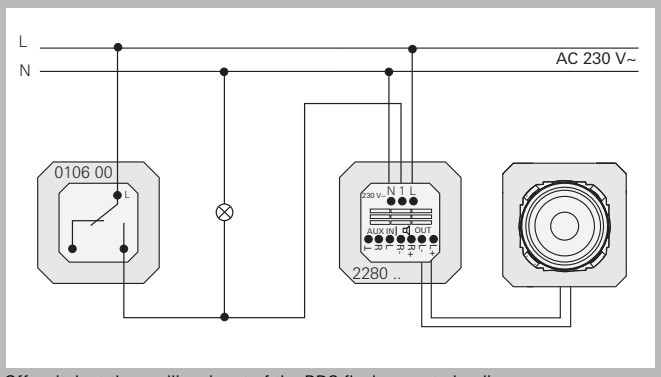
Connection of 2 loudspeakers (stereo)

Loudspeaker connection

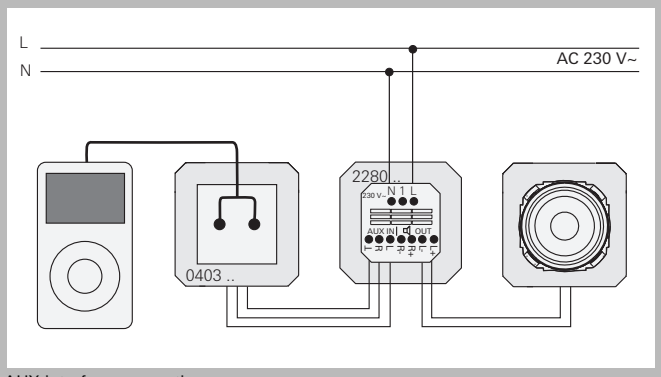
Either one or two loudspeakers can be connected to the RDS flush-mounted radio. The radio automatically detects connected loudspeakers and switches over between stereo and mono mode.

Interference in combination with electronic devices

All electronic devices cause interference signals, which can be picked up by radios to a degree. For this reason, reception interference could occur with a direct combination of the flush-mounted radio and electronic devices in an installation unit. Therefore please carry out a functional check before installing such a combination. Possible interference can be minimised by increasing the distance between the flush-mounted devices.



Off switch at the auxiliary input of the RDS flush-mounted radio



AUX interface connection

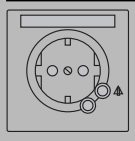
Auxiliary input

The RDS flush-mounted radio is equipped with an auxiliary input. The auxiliary input enables switching of the radio for example via a switch or automatic control switch together with room lighting.
For this purpose, the switched phase is laid from the switch to the auxiliary input (1) of the radio.

AUX interface connection

The RDS flush-mounted radio is equipped with an AUX input via which external audio sources such as MP3 players can be connected. For connection of an external audio source an additional cinch socket outlet is connected to the AUX IN terminals of the radio.

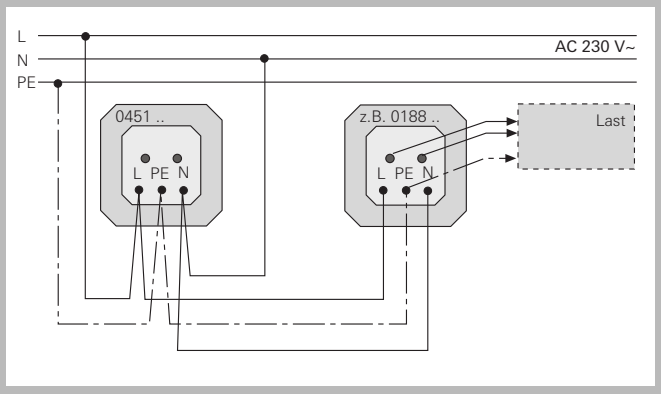
The external audio source is then connected to the flush-mounted radio with an adapter cable (e.g. cinch - jack) via the cinch socket outlet. Upon switching on the external audio source, the radio automatically switches to AUX mode and generates the signal of the external source.



SCHUKO socket outlet with overvoltage protection

0451 ..

	Technical data
Rated voltage U_N:	230 V AC
Arrester rated voltage:	250 V AC
Rated current I_N:	16 A (30 °C)
Thermal release:	Disconnection of the protective component for overload due to excess voltage
Max. discharge current (8/20) µs:	4.5 kA (1x)
Rated leakage impulse current (8/20) µs:	1.5 kA
Protection level (L/N):	≤ 1.25 kV
Protection level (L/PE; N/PE):	≤ 1 kV (at 100 % lightning let-through impulse)
Maximum fuse protection:	16 A
Permissible temperature range:	+ 5 °C to + 35 °C
Protection type (version dependent):	IP 20 / IP 40
Green on:	Device ready for operation
Green off:	Mains voltage not connected
Red on:	Thermal release of overvoltage protection has responded (replace protective device!)



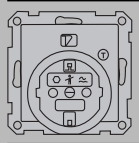
Connection of SCHUKO socket outlet with overvoltage protection

Functional description

Socket outlet for the protection of sensitive electrical and electronic devices from voltage spikes (transient overloads). A varistor reduces excess voltages. The socket outlet separates the protective branch from the mains network via a thermal release during thermal overload (due to overloads which occur too frequently and strong overloads). An audible signal is emitted. The socket out supplies connected devices with mains voltage, but does not protect them.

Properties

- The socket outlet is used as device protection (fine protection).
- Disconnection of the signal tone by unplugging the power plug. **The socket outlet must be replaced by a professional electrician.**
- In multiple combinations, other standard socket outlets used in the combination are also protected (when installed in the same phase) when a socket outlet with overvoltage protection is used.
- We recommend using additional average and coarse protection with high-power overload pulses.



RCD protection socket outlet

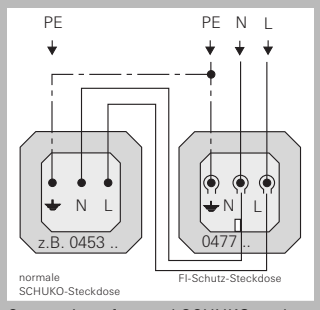
0477 ..

	Technical data
Rated voltage:	230 V AC, 50 Hz
Rated current:	16 A
Rated fault current:	30 mA
Connection cross sections:	1.5 to 2.5 mm²
VDE inspection pursuant to:	DIN VDE 0664
Temperature range:	- 25 °C to + 40 °C

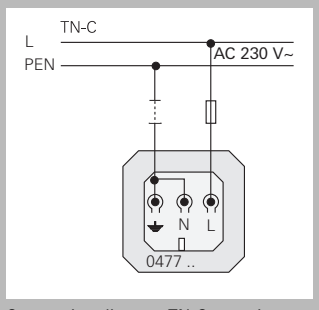
Testing of protective measure

In addition to the functional check, the effectiveness of the protective measure is to be checked in accordance with the applicable regulations for installation. The maximum permissible earthing resistances for protection from indirect contact are:

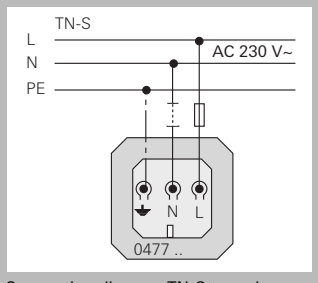
Maximum permissible contact voltage	Maximum permissible earthing resistance at rated fault current of 30 mA
25 V	833 Ω
50 V	1.666 Ω



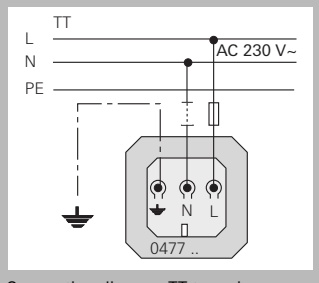
Connection of normal SCHUKO socket outlets which are then also protected.



Connection diagram TN-C to mains



Connection diagram TN-S to mains



Connection diagram TT to mains

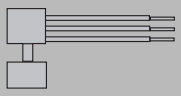
Functional description

Socket outlet for use in areas in which fault-current protective devices pursuant to VDE 0664 are indicated, for example in

- rooms with a bathtub or shower (DIN VDE 0100, Part 701)
- roofed swimming pools (DIN VDE 0100, Part 702)
- agriculture (DIN VDE 0100, Part 705)
- classrooms (DIN VDE 0100, Part 723).

The RCD protection socket outlet detects the sum of the currents flowing to and fro via a summation current transformer. If the current flowing back from the device (e.g. due to a defect) is less than the current flowing to it (fault current), the socket outlet disconnects within a maximum of 30 ms.

The residual current protection covers all devices and cables connected to the RCD protection socket outlet or its connection wires. The electrical installation before the socket outlet is not included in the sphere of protection, however. The function of the socket outlet must be checked after mounting.



Voltage overload protection module with audible signal

0339 00

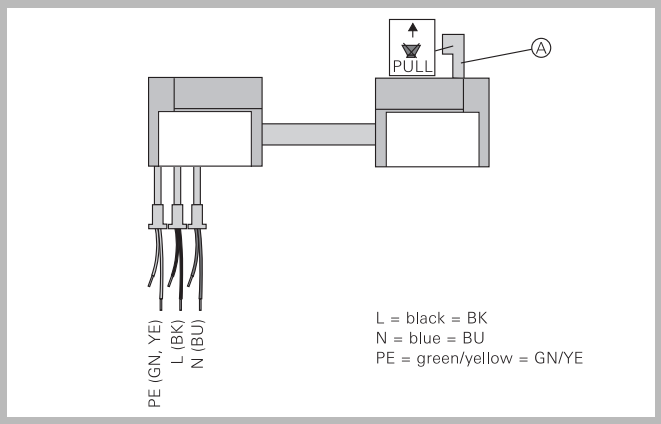
	Technical data
Voltage overload protection:	Pursuant to DIN VDE 0675 T6/ A3, Draft 11.97, Requirement class D (III)
Rated voltage U_N:	230 V AC
Arrester rated voltage:	250 V AC
Rated current I_N:	16 A (30 °C)
Max.discharge current (8/20) µs:	5 kA (1x)
Rated leakage impulse current (8/20) µs:	1.5 kA
Combined impact (U_{0C}):	4 kV
Protection level (L/N):	<1.3 kV
Protection level (L/PE; N/PE):	<1.5 kV
Maximum fuse protection:	16 A
Permissible temperature range:	-40 °C to +75 °C
Cables:	With 25 mm core jackets

Functional description

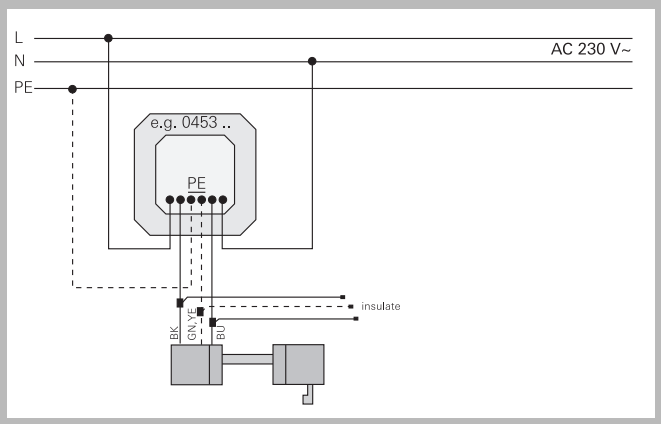
Voltage overload protection module with audible signal for upgrading contact-protected Gira SCHUKO socket outlets with screwless plug terminals (contact-protection is also guaranteed after removal of the cover). Protects sensitive electrical and electronic devices from voltage spikes (transient overloads). Isolates the protective branch from the mains network via a thermal release during thermal overload (due to overloads which occur too frequently and strong overloads). An audible signal is emitted. The socket out supplies connected devices with mains voltage, but does not protect them.

Properties

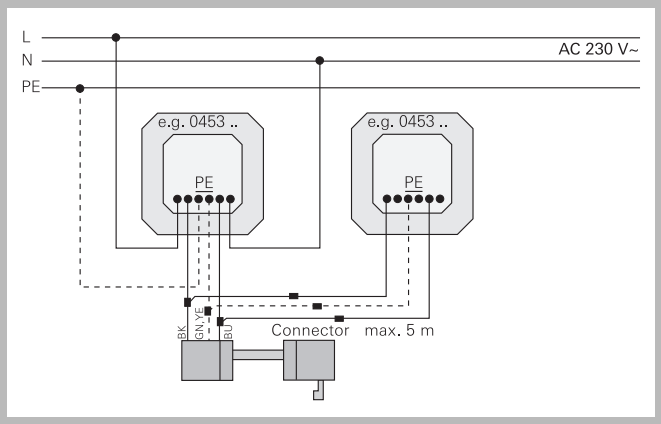
- Module used as device protection of Class D/3.
- Deactivation of the signal tone by pulling out the pin Ⓐ ("Connection assignment" figure). **Have the module replaced by a professional electrician as soon as possible.**
- When used in multiple combinations, all other socket outlets in the combination are also protected (when installed in the same phase).
- For ring-type cable placement with several socket outlets, the outlets are also protected up to a distance of approx. 5 m from the voltage overload protection module. If the distance to the module is more than 5 m, another module is to be installed in the next available socket outlet.
- For high-power overload pulses, we recommend building multi-stage, selective mains protection of Class II/C with overload diverters of Class II/C and a lightning-current diverter of Class I/B.



Connection assignment



Individual socket outlet (end box)



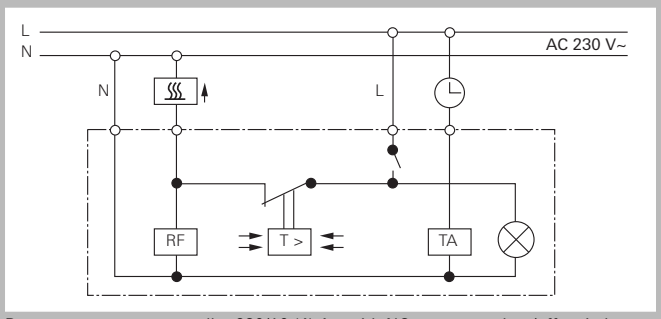
Individual socket outlets (through hole plates)



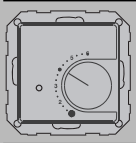
Room temperature controller with NC contact and on/off switch

0392 ..

Technical data	
Temperature range:	+5 °C to +30 °C
Rated voltage:	230 V AC
Rated current:	10 (4) A
Contact rating:	Approx. 2200 W
Switching temperature differential:	Approx. 0.5 K
Night-time heating reduction:	Approx. 4 K



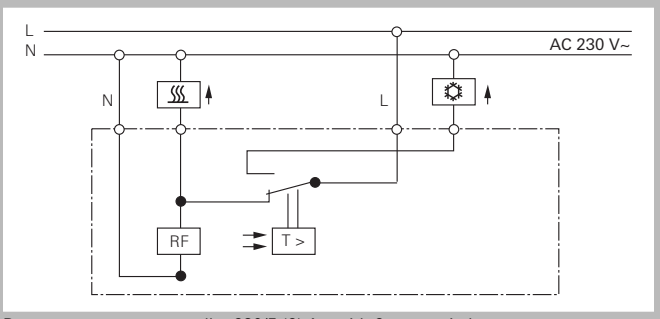
Room temperature controller 230/10 (4) A~ with NC contact and on/off switch



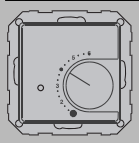
Room temperature controller with 2-way switch

0396 ..

Technical data	
Temperature range:	+5 °C to +30 °C
Rated voltage:	230 V AC
Rated current:	5 (2) A (NO contact) 10 (4) A (NC contact)
Contact rating:	Approx. 1100 W (NO contact) Approx. 2200 W (NC contact)
Switching temperature differential:	Approx. 0.5 K



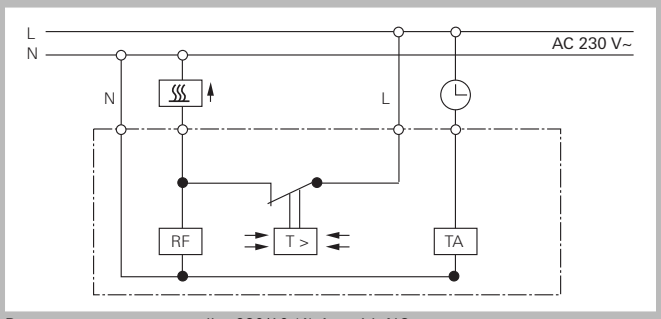
Room temperature controller 230/5 (2) A~ with 2-way switch



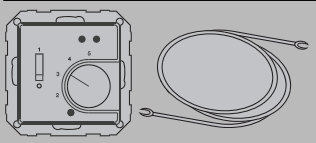
Room temperature controller with NC contact

0390 ..

Technical data	
Temperature range:	+5 °C to +30 °C
Rated voltage:	230 V AC
Rated current:	10 (4) A
Contact rating:	Approx. 2200 W
Switching temperature differential:	Approx. 0.5 K
Night-time heating reduction:	Approx. 4 K



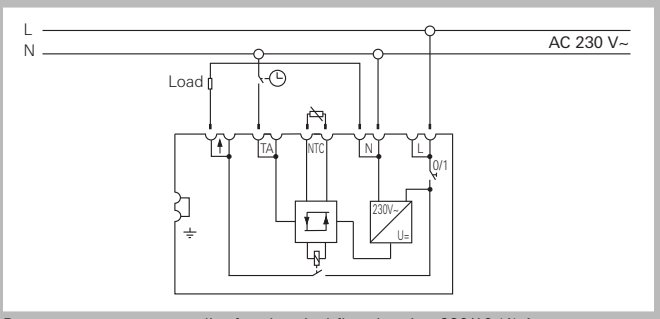
Room temperature controller 230/10 (4) A~ with NC contact



Room temperature controller for electrical floor heating

0394 ..

Technical data	
Temperature range:	+10 °C to +50 °C
Rated voltage:	230 V AC
Rated current:	10 (4) A
Contact rating:	2300 W
Night-time heating reduction:	Approx. 5 K
With remote sensor on 4 m supply line:	(2 x 0.75 mm²)



Room temperature controller for electrical floor heating 230/10 (4) A~

Explanation of symbols

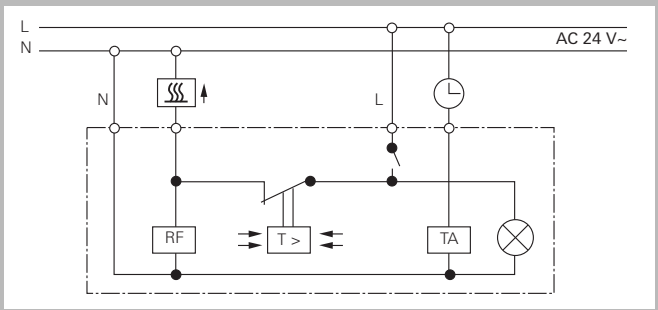
TA Resistance for night time reduction of room temperature
RF Resistance for heat return
L External conductor
N Neutral conductor
Ⓛ Connection for clock signal for temperature lowering
← Load connection
Cooling
Heating



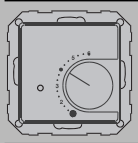
Room temperature controller 24 V~ with NC contact and On/Off switch

0393 ..

	Technical data
Temperature range:	+5 °C to +30 °C
Rated voltage:	AC 24 V
Rated current:	10 (4) A
Contact rating:	Approx. 240 W
Switching temperature differential:	Approx. 0.5 K
Night-time heating reduction:	Approx. 4 K



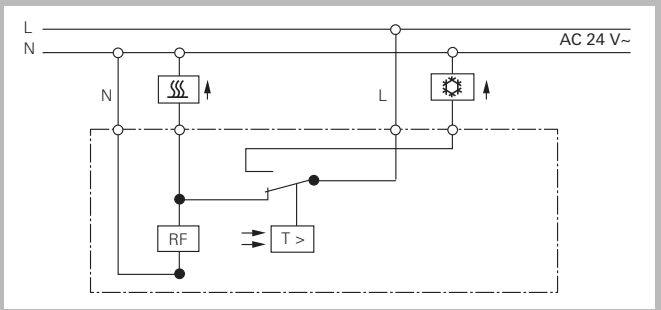
Room temperature controller 24 V/1A~ with NC contact and on/off switch



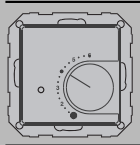
Room temperature controller 24 V~ with 2-way switch

0397 ..

	Technical data
Temperature range:	+5 °C to +30 °C
Rated voltage:	AC 24 V
Rated current:	5 (2) A (NO contact) 10 (4) A (NC contact)
Contact rating:	Approx. 120 W (NO contact) Approx. 240 W (NC contact)
Switching temperature differential:	Approx. 0.5 K



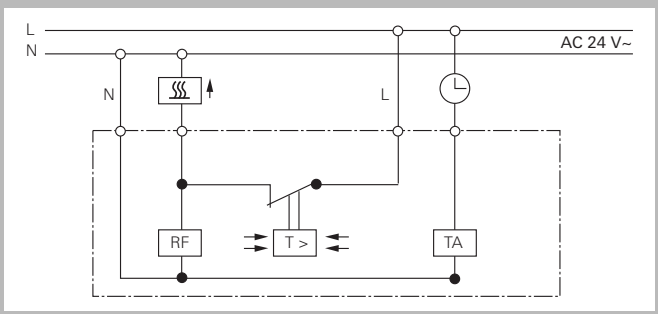
Room temperature controller 24 V/1A~ with 2-way switch



Room temperature controller 24 V~ with NC contact

0391 ..

	Technical data
Temperature range:	+5 °C to +30 °C
Rated voltage:	AC 24 V
Rated current:	10 (4) A
Contact rating:	Approx. 240 W
Switching temperature differential:	Approx. 0.5 K
Night-time heating reduction:	Approx. 4 K



Room temperature controller 24 V/1A~ with NC contact

Explanation of symbols

TA Resistance for night time reduction of room temperature
RF Resistance for heat return
L External conductor
N Neutral conductor
Connection for clock signal for temperature lowering
Load connection
Cooling
Heating



Room temperature controller
Clock with cooling function

2370 ..

Technical data	
Rated voltage:	230 V AC, 50 Hz
Power consumption:	Approx. 3.7 VA
Contact rating:	8 A (cos φ = 1) 4 A (cos φ = 0.6)
Switch contact:	1 NO contact, with equipotential bonding (relay contact)
Temperature range: (Increments of 0.5 K each)	+ 10 °C to + 40 °C (Comfort and lowering temperature) + 10 °C to + 40 °C (cooling temperature) + 5 °C to + 15 °C (anti-freeze temperature) + 5 °C to + 55 °C (limiting temperature)
Sensors:	Semiconductor sensor (KTY) internal or external resp. internal and external
Program slots:	32, as desired during the week 10 minute increment
Power reserve:	at least 4 hours via Gold Cap
Minimum power-on time:	20 s to 500 s Increment 10 s
Connections:	Screwed terminal with slotted screw
Temperature range:	0 °C to + 50 °C
Protection type:	IP 30
Protection class:	II

Function

Setpoint temperature
The room or floor temperature is realised via adjustable temperature levels (Comfort, lowering, frost protection). The setting is made in 0.5 K increments. The following default values are set at the factory:

- Comfort = + 21 °C
- Lowering = + 18 °C
- Cooling temperature = + 24.0 °C
- Frost protection = + 10 °C

A separate setpoint temperature can be set which remains valid to the next programmed switching point, regardless of the temperature level.

Switching differential
The switching differential can be set between ± 0.1 and ± 1.3 K. The setting can be made in 0.1 K increments.

Clock
The clock is designed as a week time clock and has a four-hour power reserve. The changeover between the summer and winter time is carried out automatically. The time can be displayed in 12-hour (AM/PM) or 24-hour format. You can choose between the summertime regulation in Central Europe and Great Britain via a parameter. The installed calendar automatically takes the leap years into consideration.

Time program
32 switching points per week are available for time programming. Each switching time specifies a point within the week at which a change between the Comfort and lowering modes takes place. Programming is saved in non-volatile memory in case a failure occurs.

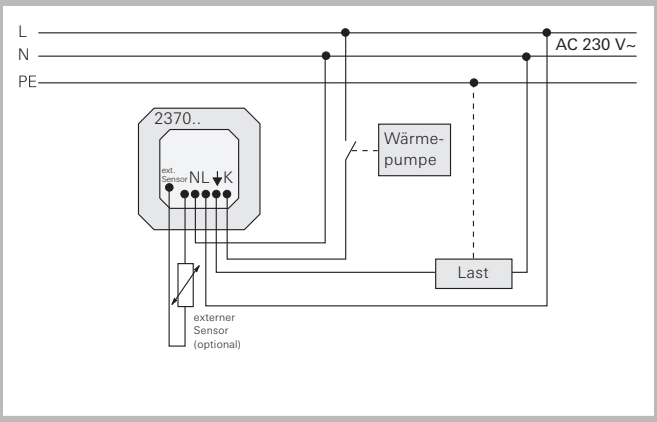
Holiday program
A program for holidays is available. During this period the system regulates to a constant selectable temperature level. After the holiday period has expired the holiday program is deleted so that it is not repeated every year.

Party function
To temporarily switch to the Comfort temperature level, the party function can be activated with the push of a button. In this way, the normal time program can be interrupted for up to four hours and you can switch over to the Comfort temperature.

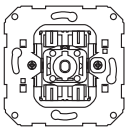
Switch output
An equipotential bonding relay contact is available as a switch output. The electrical contact rating is max. 230 V / 8 (4) A.

Deadlock protection
To prevent valves and drives becoming fixed in place, a "training period" is set at the switch output during longer periods without actuation. As soon as no switching action has been performed within seven days, the switch output is actuated for 10 minutes at 10:00 a.m. the following day. The interval and duration of the summer training are fixed. The duration is selected so that thermal valve drives move to the open and closed position in each case.

Cooling function
The room temperature controller features a switch-over input for control via a heat pump. If the heat pump switches to cooling mode in summer, switching of the room temperature controller from heating to cooling mode is automatic. In "Cooling" operating mode, the running time program is interrupted and the cooling temperature is the setpoint.



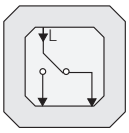
Connection of room temperature controller with clock



Rocker switch

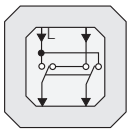
Front view

Rocker switch insert



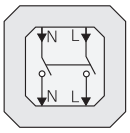
Universal
exchange switch

0106 00



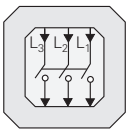
Intermediate switch

0107 00



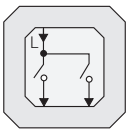
Circuit breaker, 2-pole

0102 00



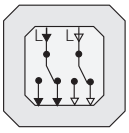
Circuit breaker, 3-pole

0103 00



Series switch

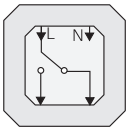
0105 00



Double 2-way switch

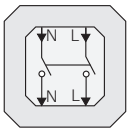
0108 00

Rocker control switch insert with neon lamp element



Universal exchange switch

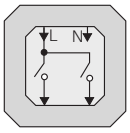
0116 00



Circuit breaker, 2-pole

0112 00

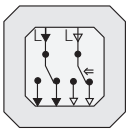
Rocker control switch insert with LED



Series switch

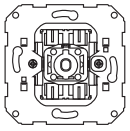
0145 00

Rocker switch/push rocker insert



Series switch/push-button insert

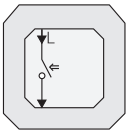
0139 00



Push rocker

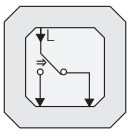
Front view

Push rocker insert



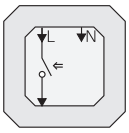
NO contact, 1-pole

0151 00



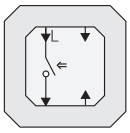
2-way switch, 1-pole

0156 00



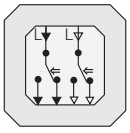
NO contact, 1-pole
with N terminal

0150 00



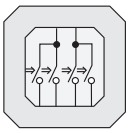
NO contact, 1-pole
with separate signal contact

0152 00



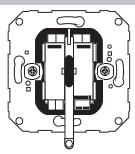
Double 2-way switch

0155 00



Push rocker insert, 4-gang

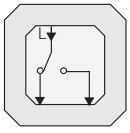
0147 00



Pull-cord switch/Pull-cord button

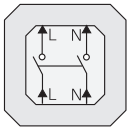
Front view

Pull-cord switch insert



Universal exchange switch

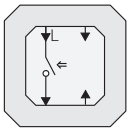
0146 00



Circuit breaker, 2-pole

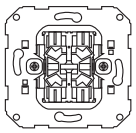
0142 00

Pull-cord button insert



NO contact, 1-pole
with separate signal contact

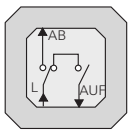
0165 00



Blind switch/Key switch

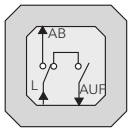
Front view

Blind rocker switch/Push rocker insert



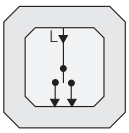
Switch

0159 00



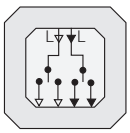
Push button

0158 00



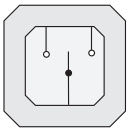
Group button/Switch, 1-pole

0154 00



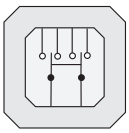
Push button/Switch, 2-pole

0157 00



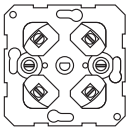
Push button/2-way switch, 1-pole

0163 00



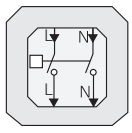
Switch/2-way switch, 2-pole

0144 00



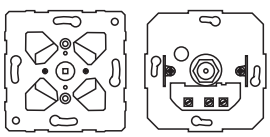
Time switch

Front view



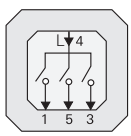
Time switch insert, 2-pole

0320 00
0321 00



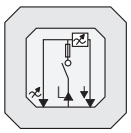
Three-stage switch/ Speed adjuster

Front view



Three-stage switch insert

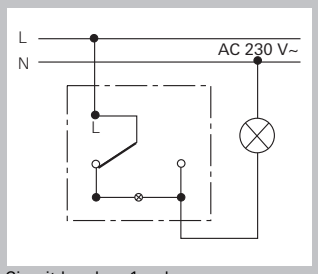
0149 00



Speed adjuster insert with 2-way turn-off switch

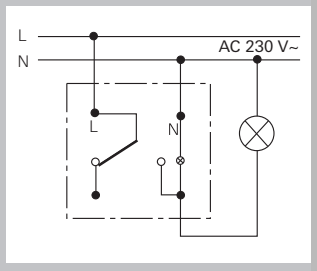
0314 00

Wiring schematics



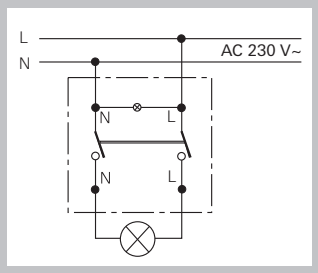
Circuit breaker, 1-pole

Switch-off circuit
(illuminates in accordance with the workplace ordinance), e.g. when used by the rocker switch insert of exchange switch 0106 00.



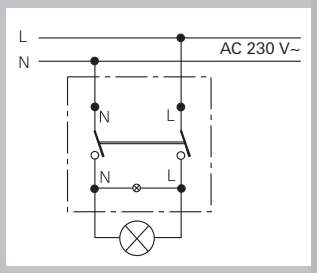
Circuit breaker, 1-pole

Switch-off with control double 2-way switch
Control lamp illuminates when the unit is switched on.



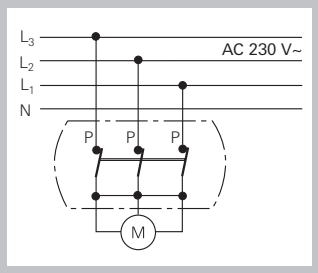
Switch-off circuit, 2-pole

Switch-off circuit, 2-pole
(illuminates in accordance with the workplace ordinance), e.g. when used by the rocker switch insert of 2-pole circuit breaker 0102 00.



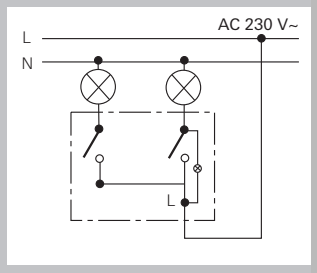
Switch-off circuit, 2-pole

2-pole switch-off circuit with control function
Control lamp illuminates when the unit is switched on.



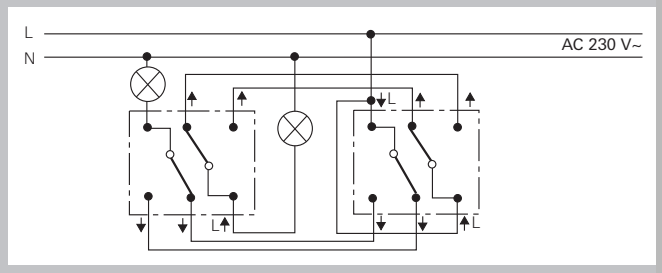
Switch-off circuit, 3-pole

Switch-off circuit, 3-pole
e.g. when used by the rocker switch insert of 3-pole circuit breaker 0103 00.



Series circuit (illuminated)

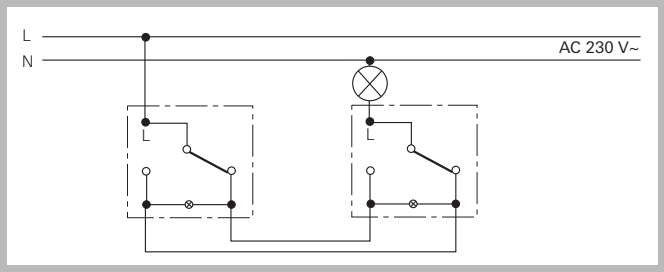
Series circuit
(illuminates in accordance with the workplace ordinance), e.g. when used by the rocker switch insert series switch 0105 00.



Double 2-way wiring

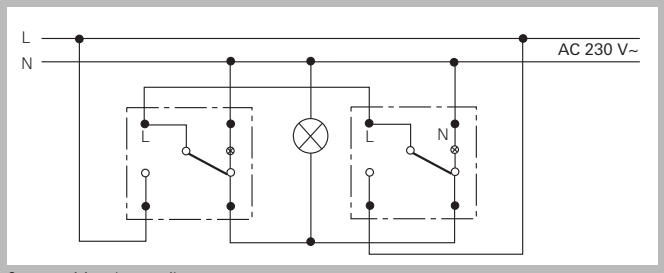
Double 2-way wiring
e.g. when used by two rocker switch inserts double 2-way switch 0108 00.

Wiring schematics



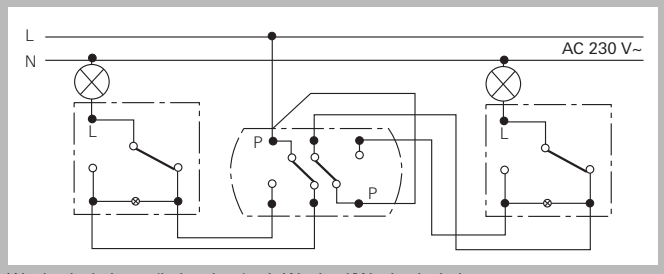
2-way wiring (illuminated)

2-way wiring
(illuminates in accordance with the workplace ordinance), e.g. when used by two rocker switch inserts exchange switch 0106 00.



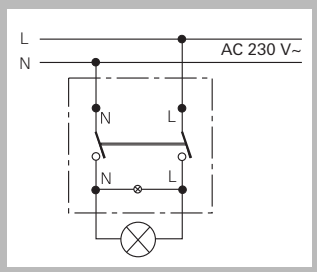
2-way wiring (control)

2-way wiring
with control function
(control lamps illuminate when unit is switched on), e.g. with two control rocker switch inserts universal exchange switch 0116 00.



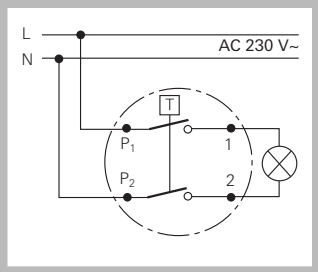
Wechselschaltung (beleuchtet) mit Wechsel/Wechselschalter

2-way wiring
(illuminates in accordance with the workplace ordinance), e.g. with the rocker inserts double 2-way switch 0108 00 and exchange switch 0106 00.



2-pole switch-off circuit, control

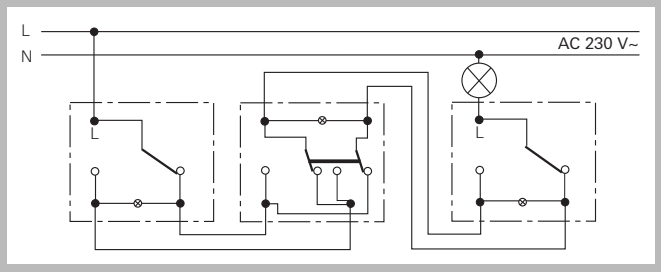
Switch-off circuit 2-pole,
with control function,
e.g. by the pull-cord switch/pull-cord button 2-pole circuit breaker 0142 00. Control lamp illuminates when unit is switched on.



Time switch

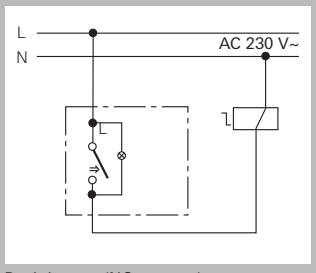
Time switching
e.g. when used by time switch insert, 2-pole 0320 00, 0321 00.

Wiring schematics



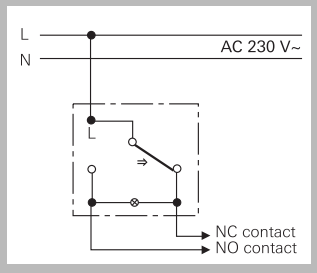
Intermediate switch circuit (illuminated)

Intermediate switch circuit
(illuminated, e.g. when used by the rocker switch inserts of intermediate switch 0107 00 and exchange switch 0106 00.



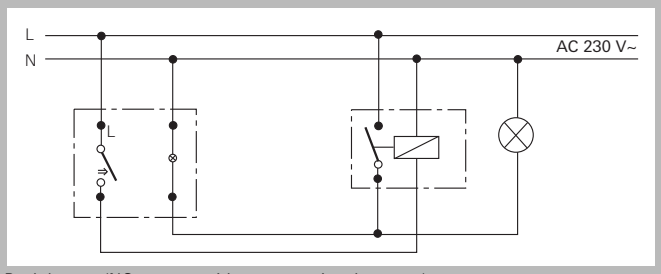
Push button (NO contact)

Push button/NO contact
(illuminates in accordance with the workplace ordinance), e.g. when used by the push rocker insert 1-pole NO contact 0151 00.



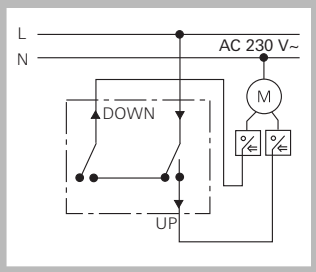
Push button (2-way switch)

Push button/2-way switch
(illuminates in accordance with the workplace ordinance), e.g. when used by the push rocker insert 1-pole 2-way switch 0156 00.



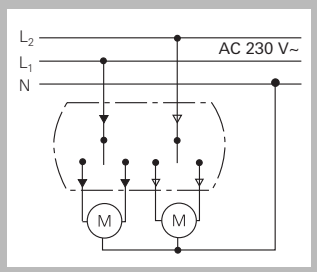
Push button (NO contact with separate signal contact)

Push button/NO contact with
separate signal contact
e.g. when used by the push rocker insert 1-pole NO contact with separate signal contact 0152 00.



Blind switch with rocker

Blind switching
e.g. by the blind rocker switch insert, 0159 00.

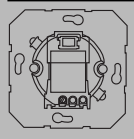


Blind switch with knob

Blind switching
(turnable knob or key) e.g. by 2-pole blind button/switch insert with turnable knob 0157 00.

Dimmer and load types

	Power	Order No.	Light bulbs	Halogen lamps 230 V	Wound transformers	Electronic transformers	Fluorescent lamps
			R	R	L	C	
Universal dimmer R,L,C							
Universal dimming insert 2 (rotary)	50 to 420 W/VA	1176 00	•	•	•	•	
Universal dimming insert (push)	50 to 420 W/VA	0305 00	•	•	•	•	
Universal series dimming insert (push)	50 to 210 W/VA	2263 00	•	•	•	•	
Radio socket-outlet adapter for dimming	50 to 420 W/VA	1185 02/10	•	•	•	•	
Radio universal dimmer	50 to 315 W/VA	0809 00	•	•	•	•	
Universal dimmer DRA	50 to 500 W/VA	1034 00	•	•	•	•	
Radio universal dimming actuator DRA	50 to 400 W/VA	1135 00	•	•	•	•	
Radio universal cord dimmer	50 to 315 W/VA	033501	•	•	•	•	
Light-bulb dimmer R							
Light-bulb dimming insert (rotary)	60 to 400 W	0300 00	•	•			
Light-bulb dimmer (rotary)	60 to 600 W	0302 00	•	•			
Light-bulb dimming insert (rotary)	100 to 1000 W	1181 00	•	•			
Tronic dimmer R,C							
Tronic dimming insert (rotary)	20 to 525 W	0307 00	•	•		•	
Tronic flush dimmer (push)	50 to 700 W	0381 00	•	•		•	
LV dimmer R,L							
LV dimming insert (rotary)	20 to 500 VA	2262 00	•	•	•		
LV dimming insert (push)	20 to 500 VA	0331 00	•	•	•		
LV cord dimmer	20 to 500 VA	033546	•	•	•		
Fluorescent lamp dimmer							
Potentiometer insert with switching function	1-10 V	0309 00					•
Potentiometer insert with touch function	1-10 V	0308 00					•
1 - 10 V control unit insert	1-10 V	0860 00					•
Control unit 1-10 V, built-in	1-10 V	0360 00					•
Radio control unit 1-10 V, built-in	1-10 V	0865 00					•
Radio control unit 1 -10 V, DRA	1-10 V	1137 00					•
DALI							
DALI electronic potentiometer	Up to 64 devices	1189 00	DALI	DALI	DALI	DALI	DALI

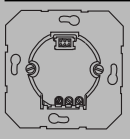


R,L,C

System 2000
Universal dimming insert

0305 00

	Technical data
Rated voltage:	230 V AC, 50/60 Hz
Temperature range:	-20 °C to +45 °C (315 W)
Connected load:	50 to 420 W/VA - 230 V light bulbs, ohmic load, **trailing** edge - HV halogen, ohmic load, **trailing** edge - Gira Tronic transformers, capacitive load, **trailing** edge or - Conventional transformers, inductive load, leading edge mixed loads of specified load types (not capacitive with inductive loads). For mixed loads with conventional transformers, do not exceed a 50 % ohmic load (light bulbs, HV halogen lamps).
Number of auxiliary units:	- unlimited (System 2000 auxiliary unit **0333 00**, mech. push button) - 5 (System 2000 auxiliary insert for presence detector and automatic control switch **0335 00**)
Entire length of auxiliary units:	Max. 100 m
Number of power boosts:	Max. 10 Tronic power boosts Max. 10 LV power boosts Universal power boost, see table, page 631

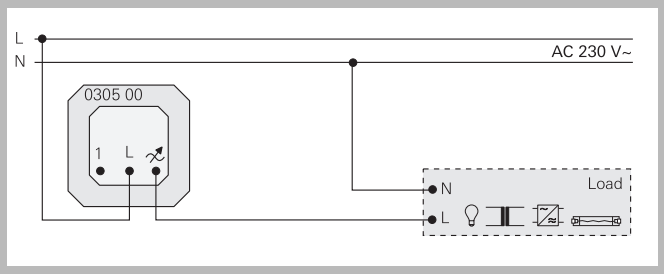


R,L

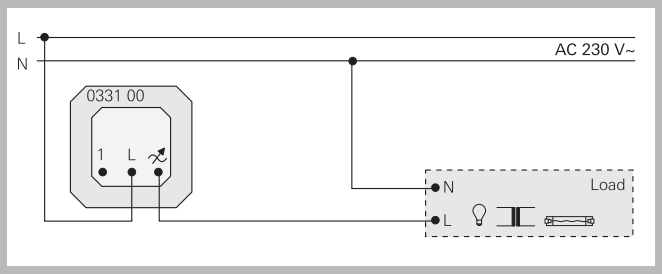
System 2000
LV dimming insert

0331 00

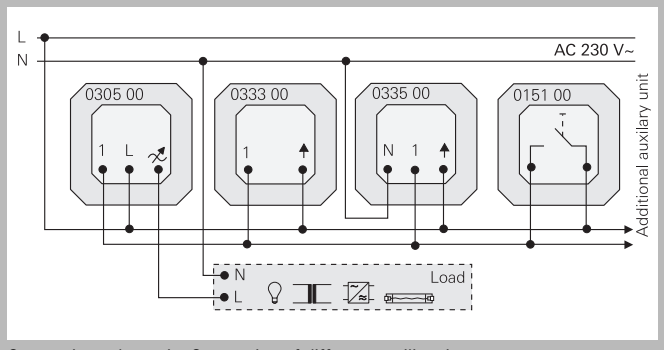
	Technical data
Rated voltage:	230 V AC, 50/60 Hz
Temperature range:	-20 °C to +45 °C (300 W)
Connected load:	20 to 500 VA - 230 V light bulbs - HV halogen - conventional transformers - mixed loads of specified load types.
Number of auxiliary units:	- unlimited (System 2000 auxiliary unit **0333 00**, mech. push button) - 10 (System 2000 auxiliary insert for presence detector and automatic control switch **0335 00**)
Entire length of auxiliary units:	Max. 100 m
Number of power boosts:	Max. 10 LV power boosts



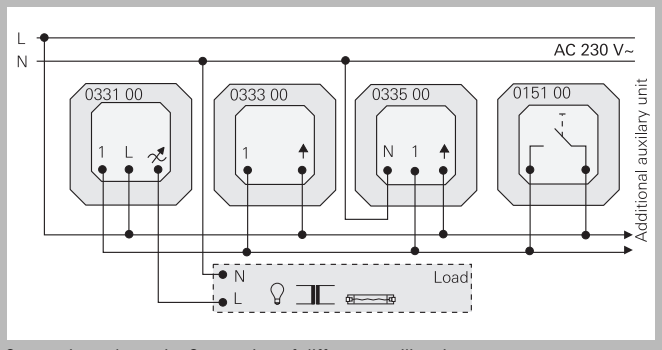
Connection of System 2000 universal dimming insert



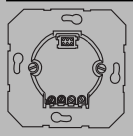
Connection of System 2000 LV dimming insert



Connection schematic. Connection of different auxiliary inserts to a System 2000 universal dimming insert.



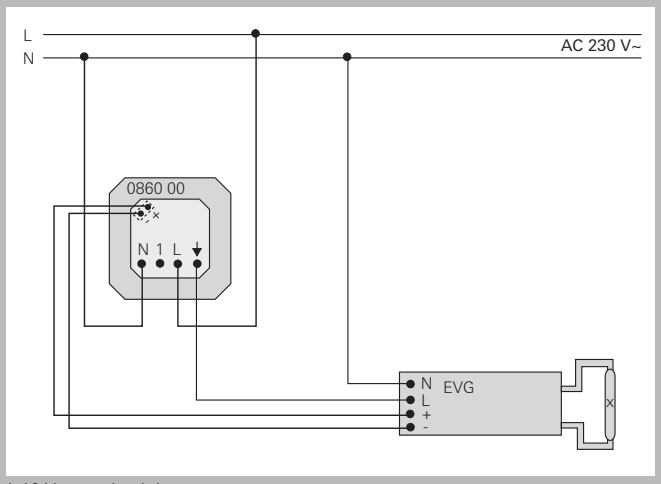
Connection schematic. Connection of different auxiliary inserts to a System 2000 LV dimming insert.



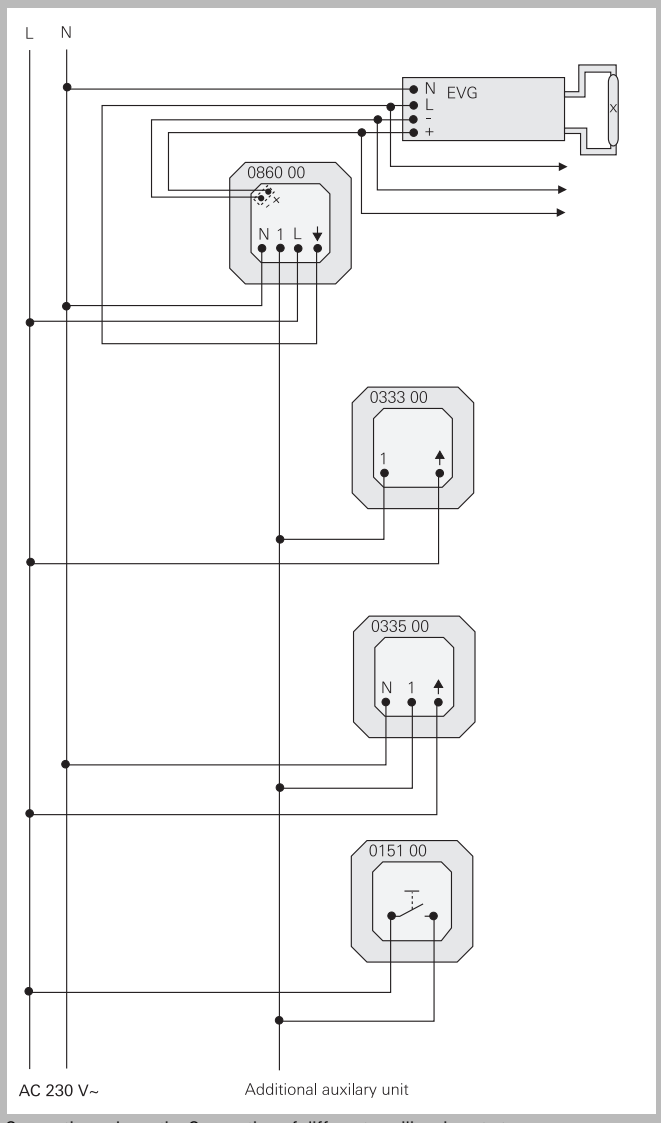
System 2000
1-10 V control unit insert

0860 00

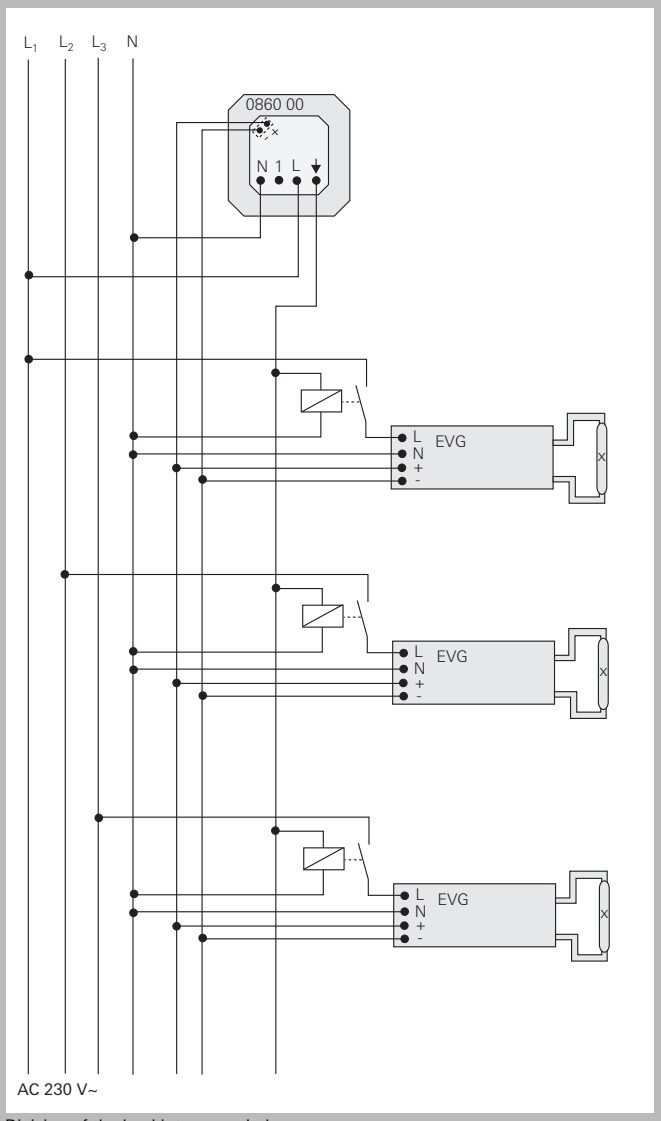
	Technical data
Rated voltage:	230 V AC, 50 Hz
Temperature range:	- 20 °C to +45 °C
Connected load:	- 700 W light bulbs - type-dependent electronic ballast
Number of auxiliary units:	- unlimited (System 2000 auxiliary unit **0333 00**, mech. push button) - 10 (System 2000 auxiliary insert for presence detector and automatic control switch **0335 00**)
Entire length auxiliary units:	Max. 100 m
Control voltage:	0.5 -10 V
Control voltage:	Max. 50 mA
Note:	The number of electronic ballasts (EVG) or Tronic transformers which can be dimmed with a 1-10 V control unit insert depends on the control current of the individual electronic ballasts or Tronic transformers and is type dependent.



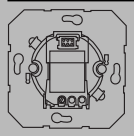
1-10 V control unit insert



Connection schematic. Connection of different auxiliary inserts to a System 2000 1-10 V control unit insert.



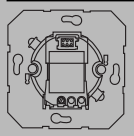
Division of the load into several phases.
Ensure correct polarity with a multi-phase connection.



System 2000
Tronic switch insert

0866 00

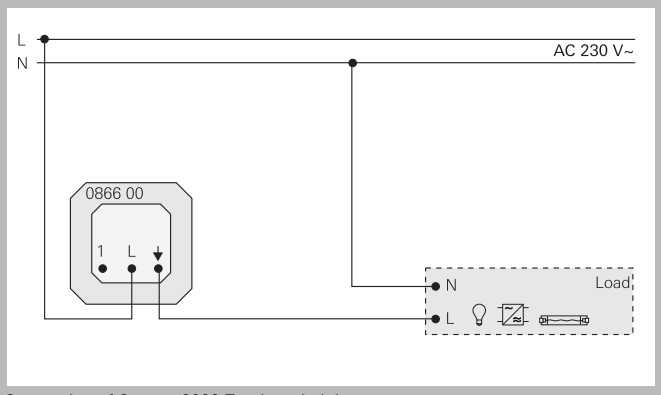
	Technical data
Rated voltage:	230 V AC, 50/60 Hz
Temperature range:	-20 °C to +45 °C (315 W)
Connected load:	50 to 420 W
	- light bulbs, - HV halogen, - Gira Tronic transformers
Number of auxiliary units:	- unlimited (System 2000 auxiliary unit **0333 00**, mech. push button) - 10 (System 2000 auxiliary insert for presence detector and automatic control switch **0335 00**)
Entire cable length of auxiliary units:	Max. 100 m



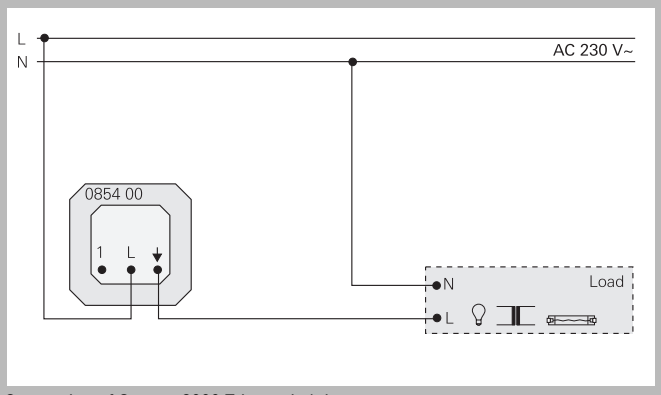
System 2000
Triac switch insert

0854 00

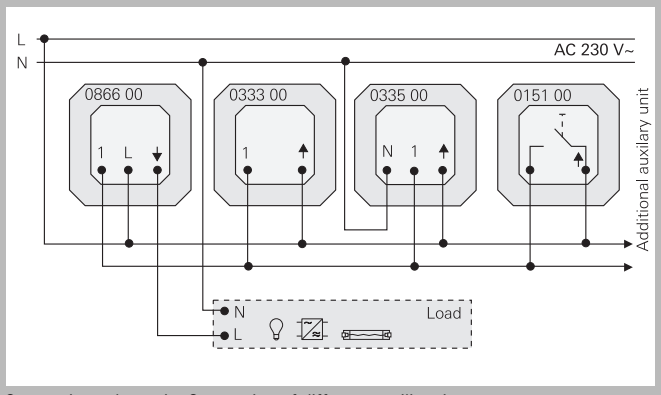
	Technical data
Rated voltage:	230 V AC, 50/60 Hz
Temperature range:	-20 °C to +45 °C
Connected load:	40 to 400 W
	- light bulbs, - HV halogen, - LV halogen with conventional transformers with at least 85 % rated load
Number of auxiliary units:	- unlimited (System 2000 auxiliary unit **0333 00**, mech. push button) - 10 (System 2000 auxiliary insert for presence detector and automatic control switch **0335 00**)
Entire cable length of auxiliary units:	Max. 100 m



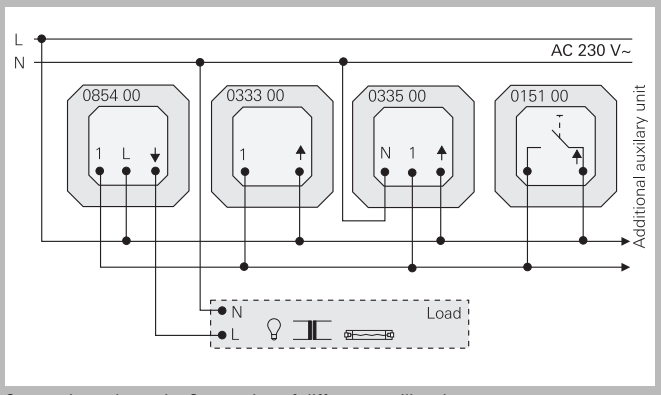
Connection of System 2000 Tronic switch insert



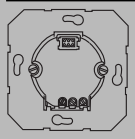
Connection of System 2000 Triac switch insert



Connection schematic. Connection of different auxiliary inserts to a System 2000 Tronic switch insert.



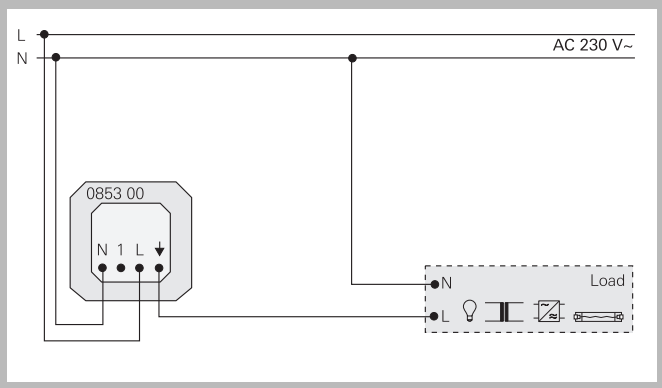
Connection schematic. Connection of different auxiliary inserts to a System 2000 Triac switch insert.



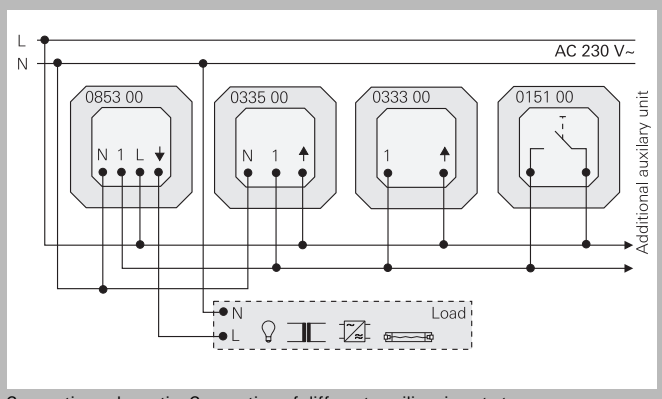
System 2000
relay insert

0853 00

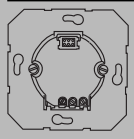
	Technical data
Rated voltage:	230 V AC, 50/60 Hz
Temperature range:	-20 °C to +45 °C
Connected load:	- 2300 W light bulbs - 2300 W HV halogen - 1500 W Gira Tronic transformers - Load 1000 VA conventional transformers with at least 85 % rated load with lamps. Total load including transformer power loss may not exceed 1000 VA. - 1200 VA fluorescent lamps, not compensated - 920 VA fluorescent lamps, with parallel compensation - 2300 VA fluorescent lamps, duo-circuit Note the high switch-on current spikes with energy saving lamps. Check suitability of the lamps before use.
Number of auxiliary units:	- unlimited (System 2000 auxiliary unit **0333 00**, mech. push button) - 10 (System 2000 auxiliary insert for presence detector and automatic control switch **0335 00**)
Entire length of auxiliary units:	Max. 100 m



Connection of System 2000 relay insert



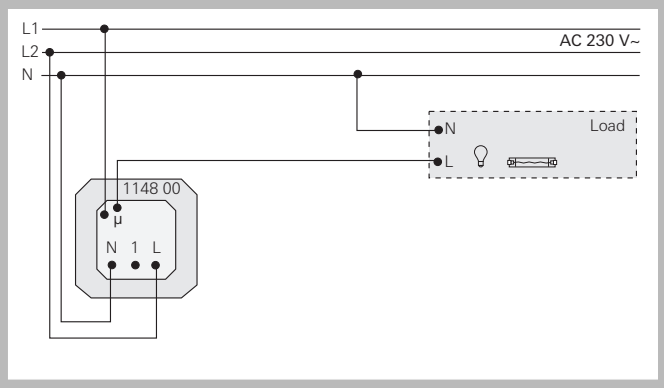
Connection schematic. Connection of different auxiliary inserts to a System 2000 relay insert.



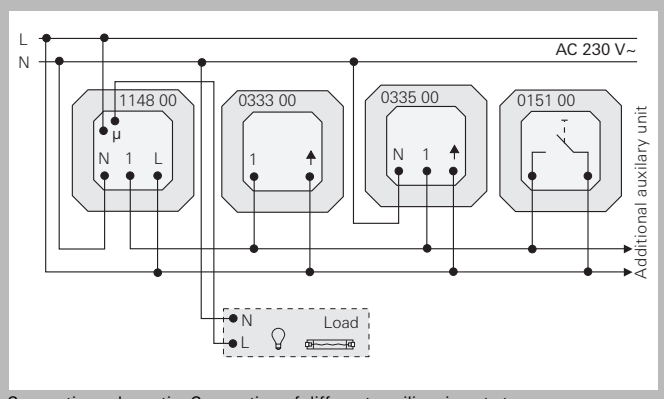
System 2000
zero-voltage relay insert

1148 00

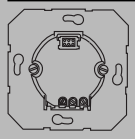
	Technical data
Rated voltage:	AC 230 V~, 50/60 Hz
Temperature range:	+ 5 °C bis + 35 °C
Connected load:	- 800 W light bulbs - 750 W HV halogen - mixed loads of specified load types.
Minimum load:	12 V, 100 mA
Number of auxiliary units:	- unlimited (System 2000 auxiliary unit **0333 00**, mech. push button) - 10 (System 2000 auxiliary insert for presence detector and automatic control switch **0335 00**)
Entire length of auxiliary input:	Max. 100 m
Circuit breaker:	Carry out pursuant to local directives, but no more than 10 A
Switching contact:	Zero-voltage relay contact, suitable for switching a second external conductor, no SELV



Connection of System 2000 zero-voltage relay insert



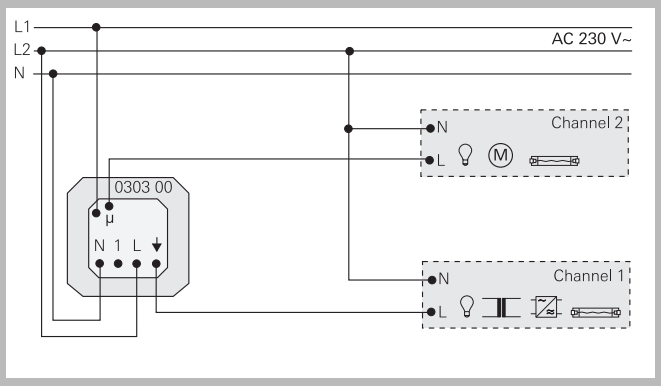
Connection schematic. Connection of different auxiliary inserts to a System 2000 zero-voltage relay insert.



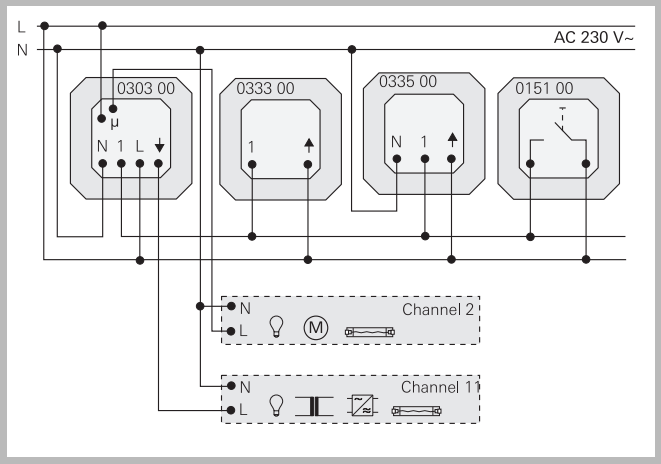
System 2000
heating/cooling relay insert

0303 00

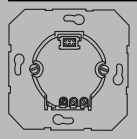
	Technical data
Rated voltage:	230 V AC, 50/60 Hz
Temperature range:	+5 °C to +35 °C
Number of auxiliary units:	- Unlimited (System 2000 auxiliary unit **0333 00**, mechanical push button) - 10 (System 2000 auxiliary insert for presence detector and automatic control switch **0335 00**)
Entire length Auxiliary input:	Max. 100 m
Circuit breaker:	Carry out pursuant to local directives, but no more than 10 A
Channel 1 connecting cable:	- 1000 W light bulbs - 1000 W HV halogen - 750 W Tronic transformers - 750 VA conventional transformers - 500 VA fluorescent lamps, not compensated
Switching contact:	Relay contact with mains potential (same external conductor as supply voltage from insert)
Time duration:	Determined by top unit
Channel 2 connecting cable:	- 800 W light bulbs - 750 W HV halogen - 450 VA motor load with a max. switch-on current of 2.1 A
Switching contact:	Zero-voltage relay contact, suitable for switching a second external conductor, no SELV



Connection of System 2000 heating/cooling relay insert (2 phases)



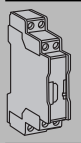
Connection schematic. Connection of different auxiliary inserts to a System 2000 heating/cooling relay insert.



System 2000
Impulse insert

0336 00

Pulse-Inserts	Non-illuminated push buttons	Illuminated push buttons			
		0,35 mA	0,8 mA	1,5 mA	2,8 mA
2	any	100	43	23	12
3	any	92	40	21	11
4	any	85	37	20	10
5	any	78	34	18	9
6	any	71	31	16	8
7	any	64	28	15	8
8	any	57	25	13	7
9	any	50	21	11	6
10	any	42	18	10	5
11	any	35	15	8	4
12	any	28	12	6	3
13	any	21	9	5	2
14	any	14	6	3	1
15	any	7	3	1	-
16	any	-	-	-	-

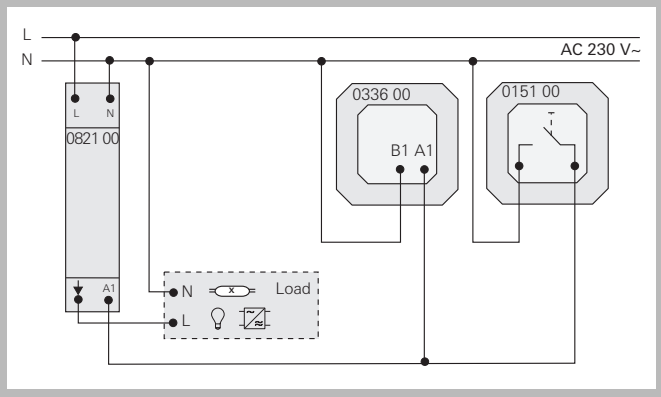


System 2000
DRA automatic stairway lighting mechanism

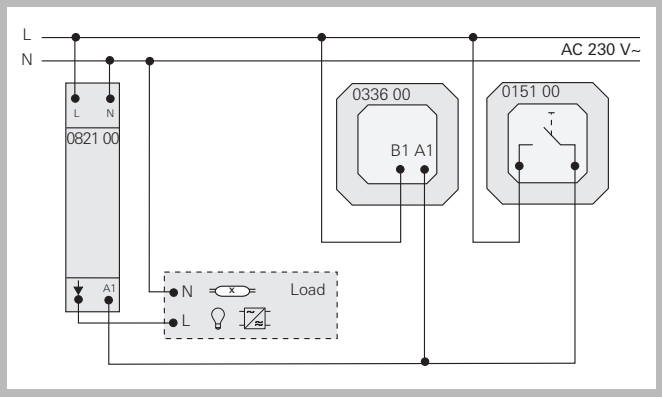
0821 00

	Technical data
Rated voltage:	230 V AC, 50 Hz
Current load of the control input:	Max. 40 mA
Contact rating[1]:	- 2300 W light bulbs - 2300 W HV halogen - 1500 W Gira Tronic transformers - 1000 VA conventional transformers - 1200 VA fluorescent lamps, not compensated - 920 VA fluorescent lamps, with parallel compensation - 2300 VA fluorescent lamps, duo-circuit
Temperature range:	+ 5 °C to + 45 °C
Protection type:	IP 20

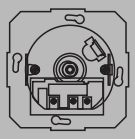
[1] **Note**
Note the high switch-on current spikes with "energy saving lamps". Check suitability of lamp before using it
(see also page 665 / **i** 77).



Connection of 3-conductor circuit (sampled zero conductor)



Connection of 4-conductor circuit (sampled phase)

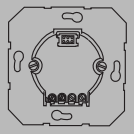


R,L,C

Universal dimming insert with pressure/rotary switch

1176 00

	Technical data
Rated voltage:	AC 230 V~, 50/60 Hz
Connected load:	50 to 420 W/VA
Load types:	- 230 V light bulbs (ohmic load, **trailing** edge) - 230 V halogen lamps (ohmic load, **trailing** edge) - Tronic transformers (capacitive load, **trailing** edge) - Conventional transformers (inductive load, **leading** edge) For mixed loads of the specified conventional transformers, do not exceed a 50 % ohmic load.
Minimum load:	50 W/VA
Number of power boosts:	Max. 10 Tronic power boosts Max. 10 LV power boosts Universal power boost, see table, page 631
Auxiliary units:	Use only auxiliary unit for rotary dimmer
Number of auxiliary units:	5
Entire length of auxiliary input:	Max. 100 m

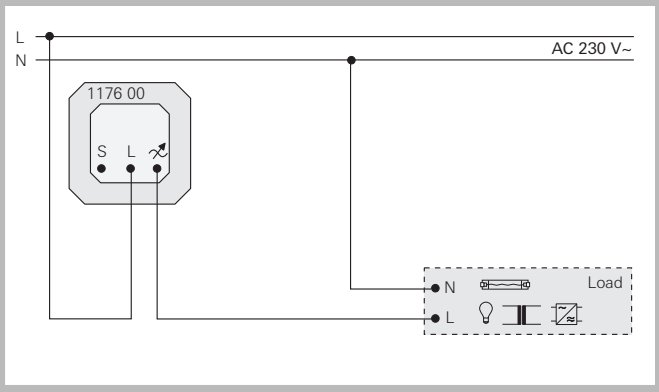


R,L,C

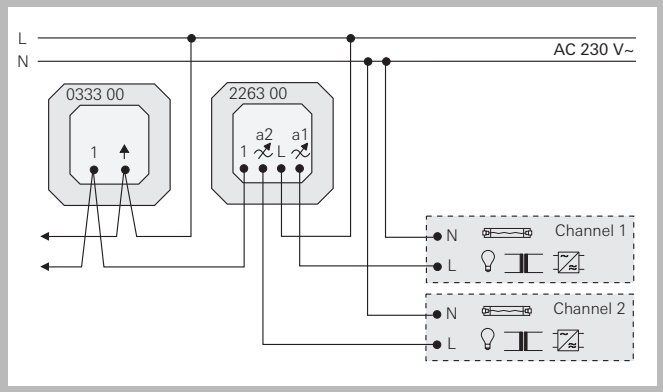
Universal series dimming insert

2263 00

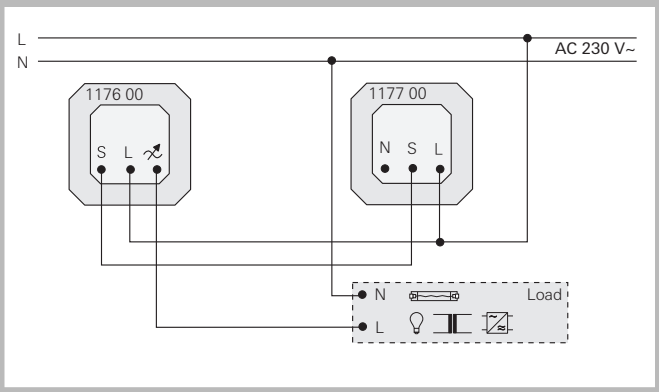
	Technical data
Rated voltage:	AC 230 V~, 50/60 Hz
Connected load per channel:	50 to 220 W/VA (at 45 °C)
Load types:	- 230 V light bulbs (ohmic load, **trailing** edge) - 230 V halogen lamps (ohmic load, **trailing** edge) - Tronic transformers (capacitive load, **trailing** edge) - Conventional transformers (inductive load, **leading** edge) For mixed loads of the specified conventional transformers, do not exceed a 50 % ohmic load.
Minimum load:	50 W/VA per output
Number of power boosts:	Universal power boost
Auxiliary units:	System 2000 auxiliary unit **0333 00**
Number of auxiliary units:	Unlimited
Entire length of auxiliary input:	Max. 100 m



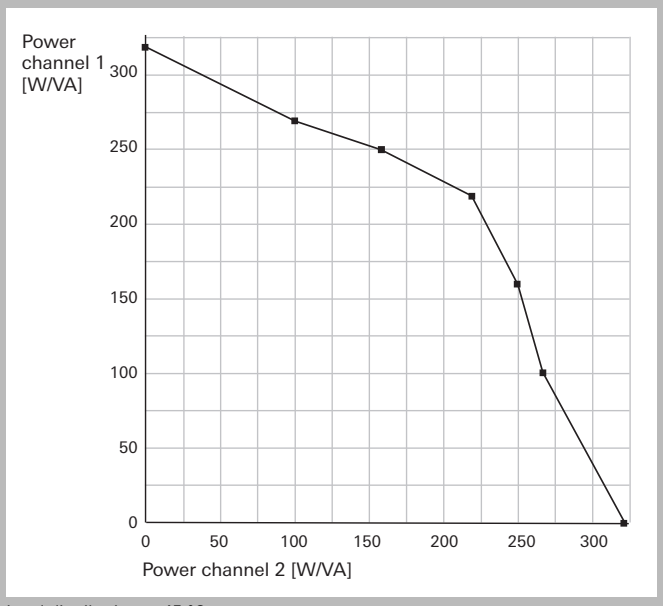
Connection of universal rotary dimmer



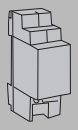
Connection of universal series dimmer



Connection of universal rotary dimmer with auxiliary insert for universal rotary dimming insert



Load distribution at 45 °C

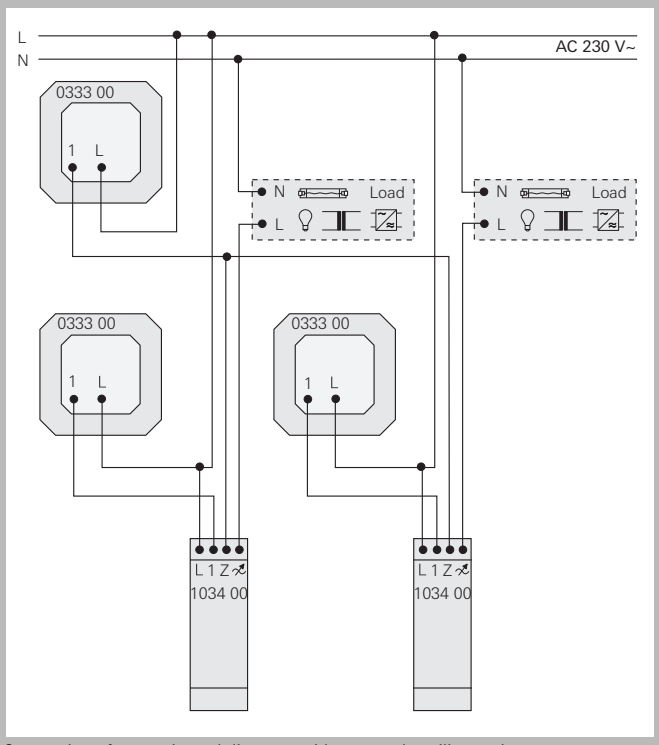


R,L,C

Universal dimmer
DRA

1034 00

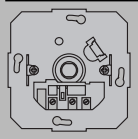
	Technical data
Rated voltage:	AC 230 V~, 50/60 Hz
Connected load	50 to 500 W/VA
Load types:	- 230 V light bulbs (ohmic load, **trailing** edge) - 230 V halogen lamps (ohmic load, **trailing** edge) - Tronic transformers (capacitive load, **trailing** edge) - Conventional transformers (inductive load, **leading** edge) For mixed loads of the specified conventional transformers, do not exceed a 50 % ohmic load.
Number of power boosts:	Universal power boost, See table, page 631
Protection type:	IP 20
Dimensions	2 HP
Auxiliary units:	Mech. push button, System 2000 auxiliary unit **0333 00**
Entire length of auxiliary input:	Max. 100 m



Connection of two universal dimmers with a central auxiliary unit

Central auxiliary unit
Several dimmers can be operated at the same time with a central auxiliary unit. Only a System 2000 auxiliary insert 0333 00 can be used as a central auxiliary unit.

Synchronous operation
The synchronous switching or dimming of all connected devices is only possible when they have the same status.

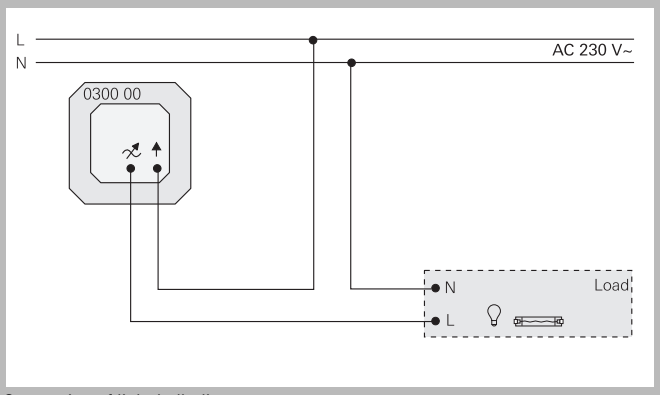


R

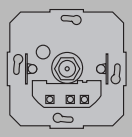
Light bulb dimmer with 2-way turn-off switch

0300 00

	Technical data
Rated voltage:	230 V AC, 50 Hz
Connected load:	60 to 400 W
	- 230 V light bulbs - HV halogen - mixed loads of specified load types
Number of power boosts:	Max. 10 LV power boosts
Fuse protection:	T 1.6 H 250 V



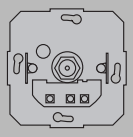
Connection of light bulb dimmer



R

Light bulb dimmer with pressure/double 2-way switch
0302 00
1181 00
1184 00

	Technical data
Rated voltage:	230 V AC, 50 Hz
Connected load:	60 to 600 W (0302 00) 100 to 1000 W (1181 00) 60 to 400 W (1184 00) - 230 V light bulbs - HV halogen - mixed loads of specified load types
Fuse protection:	T 2.5 H 250 V (0302 00, 1184 00) T 1.6 H 250 V (1181 00)
2-way wiring:	Via mechanical 2-way switches; 2-way wiring with two dimmers is **not** possible

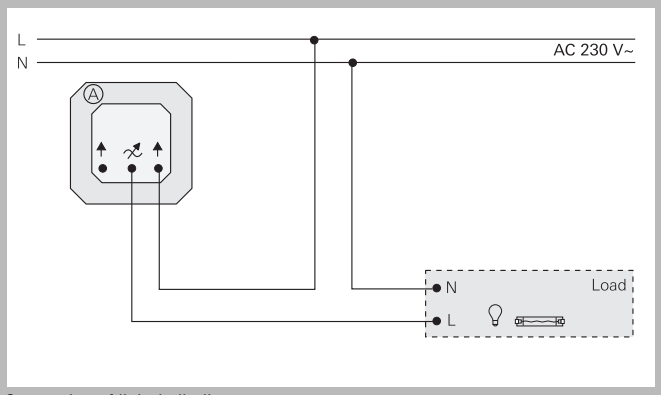


R,C

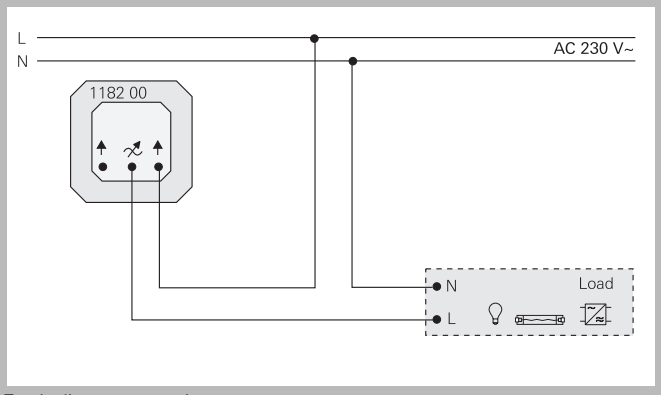
Tronic dimmer insert with push-action 2-way switch

1182 00

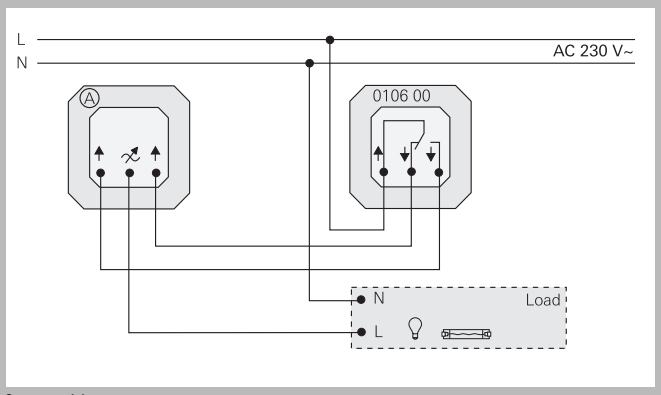
	Technical data
Rated voltage:	230 V AC, 50 Hz
Connected load:	20 to 360 W - 230 V light bulbs - HV halogen - Gira Tronic transformers - mixed loads of specified load types
Number of power boosts:	Max. 10 Gira Tronic power boosts
2-way wiring:	Via mechanical 2-way switches; 2-way wiring with two dimmers is **not** possible



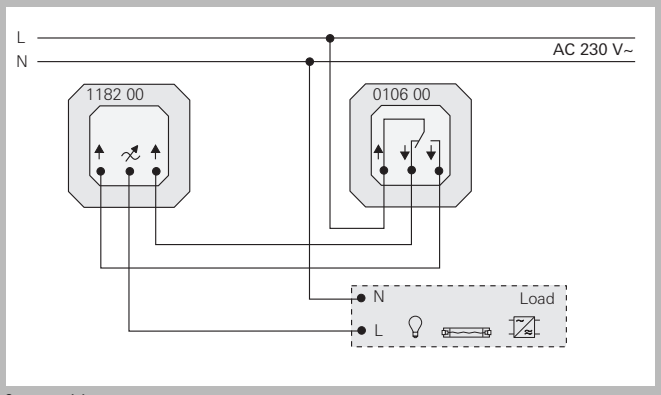
Connection of light bulb dimmer



Tronic dimmer connection

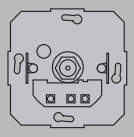


2-way wiring



2-way wiring

	Explanation of Ⓐ
0302 00, 1181 00, 1184 00	Light bulb dimmer with push-action 2-way switch

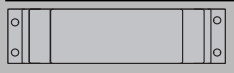


R,C

Tronic dimmer insert with push-action 2-way switch

0307 00

	Technical data
Rated voltage:	230 V AC, 50 Hz
Connected load:	20 to 525 W - 230 V light bulbs - HV halogen - Gira Tronic transformers - mixed loads of specified load types
Number of power boosts:	Max. 10 Gira Tronic power boosts Universal power boost, See table, page 631
2-way wiring:	Via mechanical 2-way switches; 2-way wiring with two dimmers is **not** possible
Control output A:	Mechanical contact max. 100 mA (no load output)

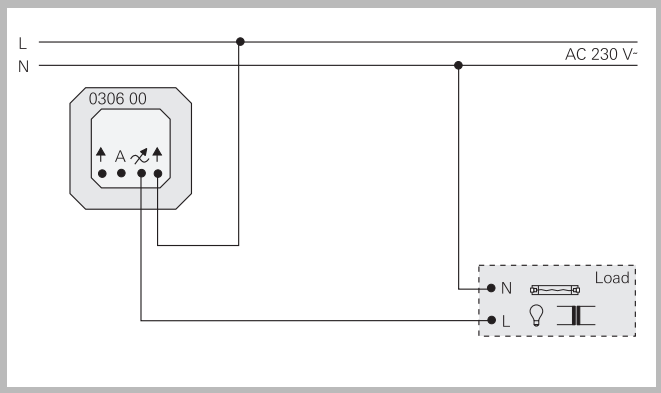


R,C

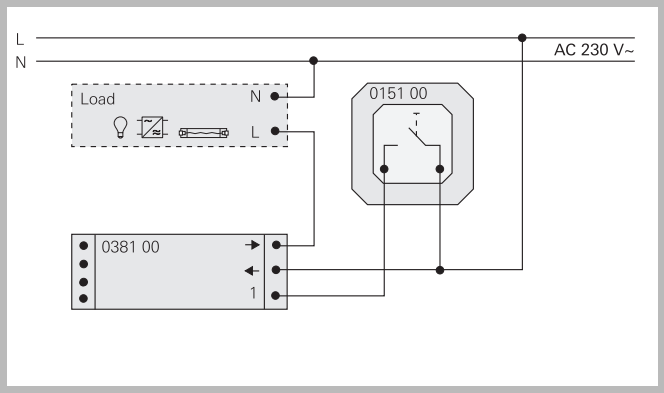
Tronic flush dimmer

0381 00

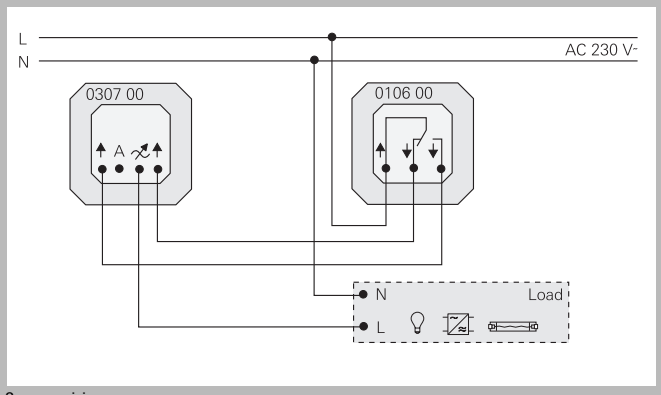
	Technical data
Rated voltage:	230 V AC, 50 Hz
Connected load:	50 to 700 W - 230 V light bulbs - Gira Tronic transformers - HV halogen - mixed loads of specified load types
Ambient temperature (Ta):	+45 °C
Housing temperature (Tc):	+70 °C
Number of power boosts:	Max. 10 Gira Tronic power boosts Universal power boost, See table, page 631
Auxiliary units:	Mechanical push button (NO contact)
Dimensions (L x W x H):	212 x 48 x 46 mm



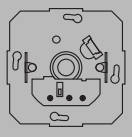
Tronic dimmer connection



Connection of Tronic flush dimmer



2-way wiring

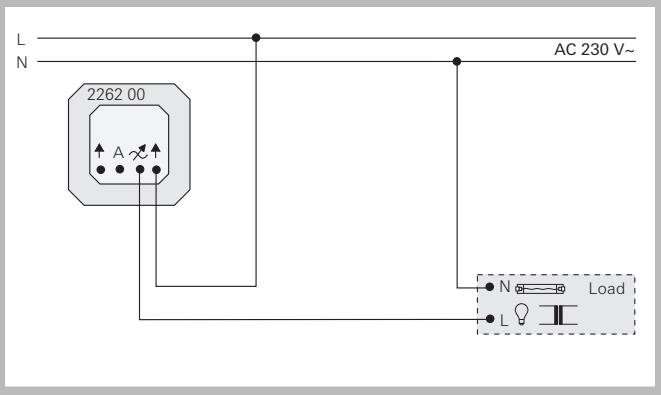


R,L

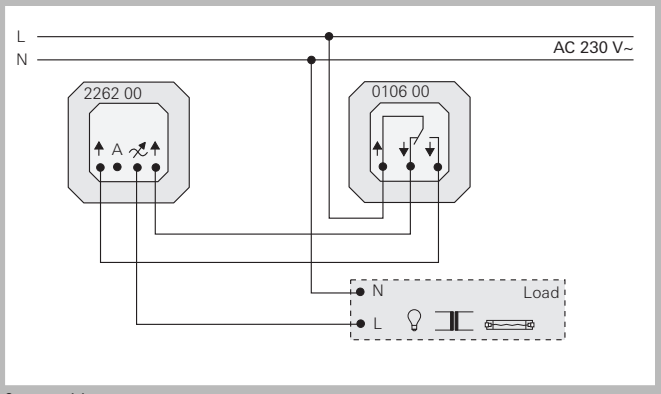
LV dimmer with push-action 2-way switch

2262 00

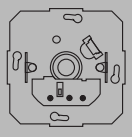
	Technical data
Rated voltage:	230 V AC, 50 Hz
Connected load:	20 to 500 VA - 230 V light bulbs - HV halogen - with dimmable conventional transformers, load with at least 85 % rated load with lamps. Total load including transformer power loss may not exceed the maximum connected load. - mixed loads of specified load types
Fuse protection:	T 3.15 H 250
Number of power boosts:	Max. 10 LV power boosts
2-way wiring:	Via mechanical 2-way switches; 2-way wiring with 2 dimmers is **not** possible
Control output A:	Mechanical contact with max. 100 mA (no load output)



LV dimmer connection



2-way wiring

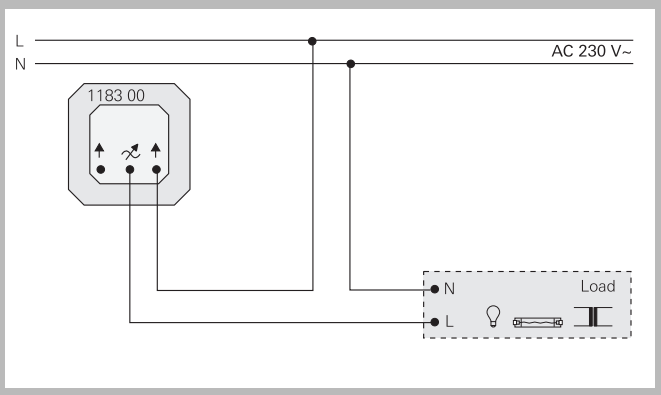


R,L

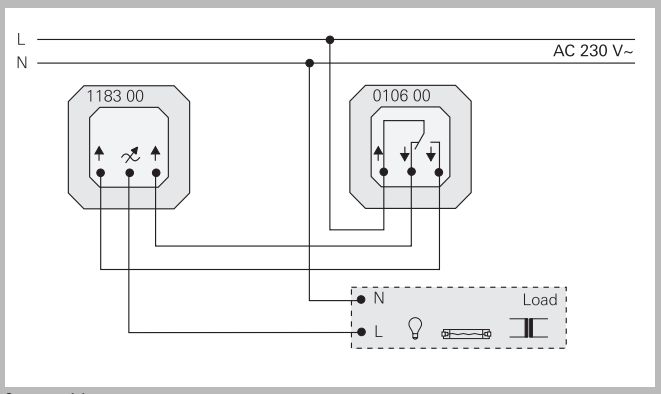
LV dimmer with push-action 2-way switch

1183 00

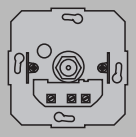
	Technical data
Rated voltage:	230 V AC, 50 Hz
Connected load:	20 to 500 VA - 230 V light bulbs - HV halogen - with dimmable conventional transformers, load with at least 85 % rated load with lamps. Total load including transformer power loss may not exceed the maximum connected load. - mixed loads of specified load types
Fuse protection:	T 3.15 H 250
Number of power boosts:	Max. 10 LV power boosts
2-way wiring:	Via mechanical 2-way switches; 2-way wiring with 2 dimmers is **not** possible



LV dimmer connection



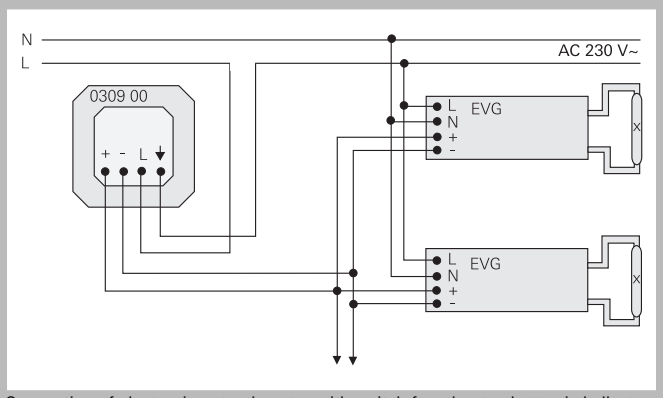
2-way wiring



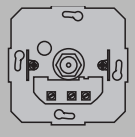
Insert of electronic potentiometer for 10 V control input with switching function

0309 00

	Technical data
Control voltage:	0.7 -12 V
Control current:	Max. 50 mA
Micro-fuse:	F 500 H 250
Contact rating of the mains switch:	Max. 6 A



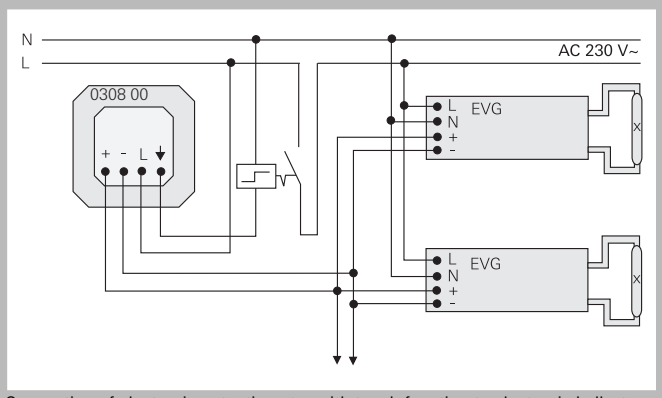
Connection of electronic potentiometer with switch function to electronic ballast



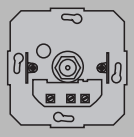
Insert of electronic potentiometer for 10 V control input with touch function

0308 00

	Technical data
Control voltage:	0.7 -12 V
Control current:	Max. 50 mA
Micro-fuse:	F 500 H 250
Contact rating of the mains button:	Max. 2 A



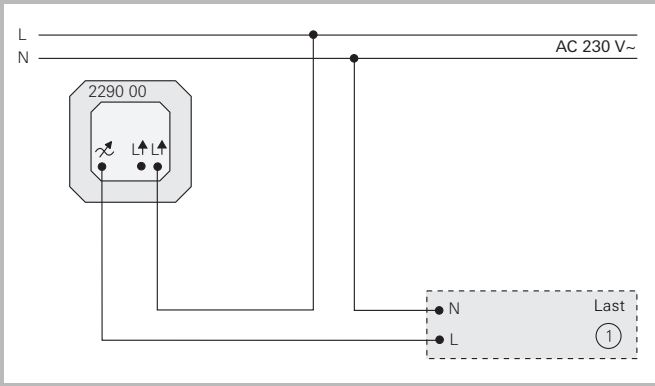
Connection of electronic potentiometer with touch function to electronic ballast



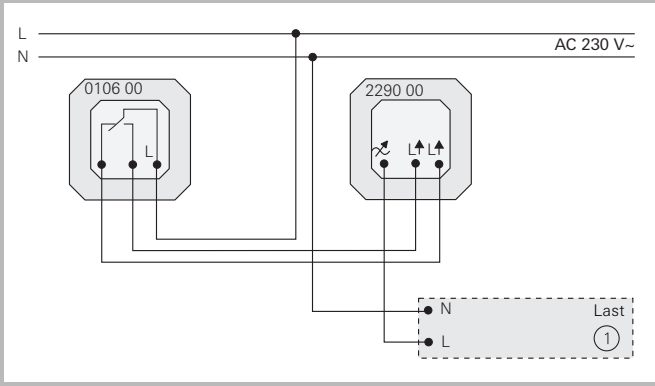
Control device LEDOTRON

2290 00

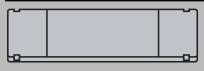
	Technical data
Rated voltage:	230 V AC, 50/60 Hz
Contact rating:	Max. 200 W
Number of LEDOTRON® lamps:	Max. 10
Entire length of load cables:	Max. 100 m
2-way wiring:	via mechanical 2-way switches; 2-way wiring with 2 control devices is **not** possible
Ambient temperature:	+ 5 °C to + 35 °C



Connection of control device CFLi and LED



2-way wiring



Flush control unit for 1-10 V control input

0360 00

	Technical data
Rated voltage:	230 V AC, 50 Hz
Connected load:	- Ohmic load 2300 W - Electronic ballast and transformers are type-dependent
Control voltage:	1-10 V
Control current:	Max. 200 mA
Switching contact:	Relay
Short-circuit protection:	Via circuit breaker 10 A
Electrical isolation 1-10 V:	2 kV base insulation
Ambient temperature:	+50 °C
Protection type:	IP 20
Dimensions (L x W x H):	175 x 42 x 18 mm

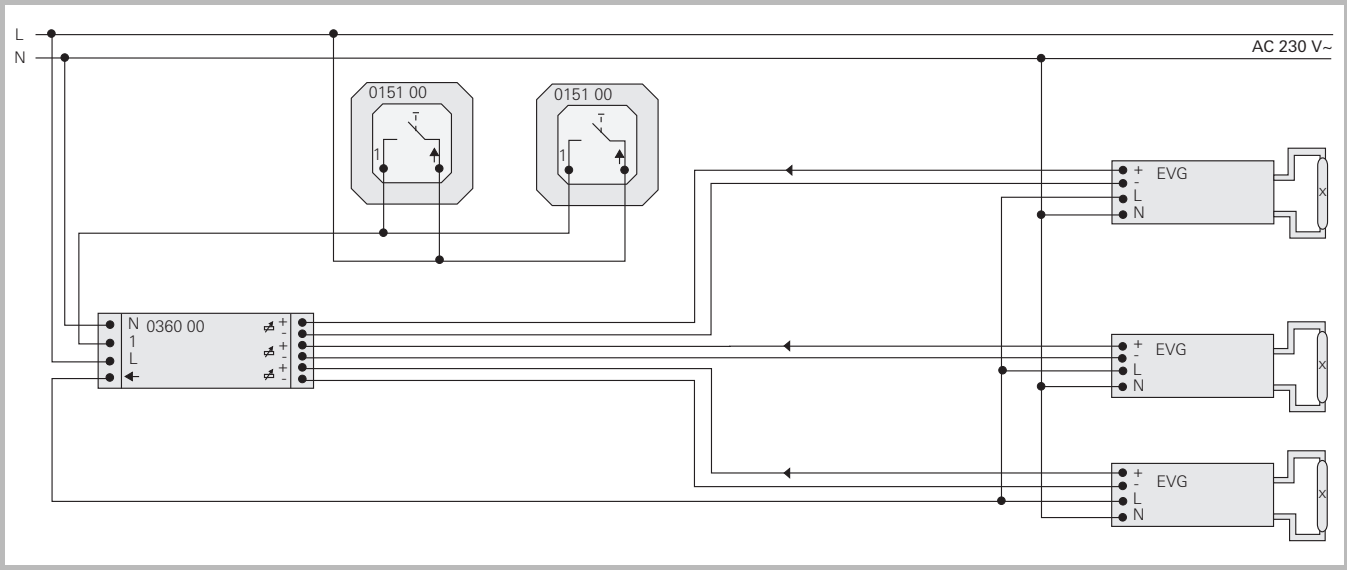
Flush control unit for 1-10 V control input for switching and dimming fluorescent lamps via electronic ballast with 1-10 V control input or electronic transformers with 1-10 V control input. Operation via mechanical push button (NO contact).

Notes on installation
Test electronic ballast for suitability before installation! Some electronic ballasts briefly switch the fluorescent lamps to the maximum brightness when the supply voltage is applied. Only after this time does such an electronic ballast react to the applied control voltage and set the brightness accordingly.

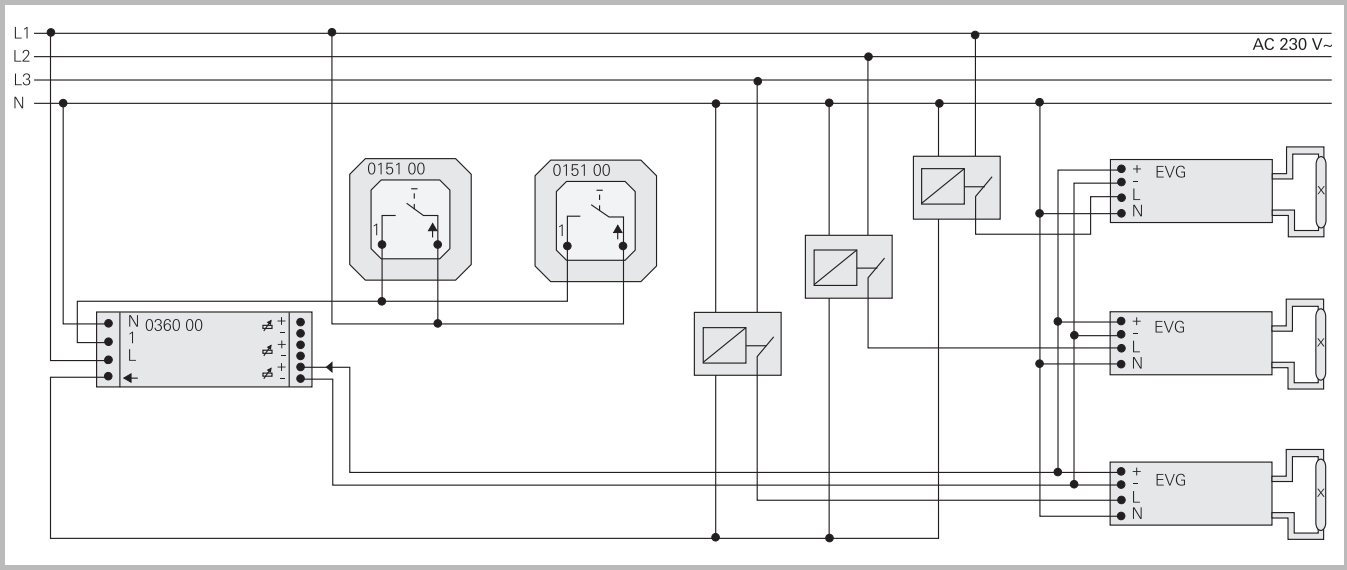
Use only electronic ballasts with a standardised interface pursuant to DIN EN 60928 (electrical isolation between mains supply and 1-10 V input).

Use only electronic ballasts and fluorescent lamps or transformers from a single manufacturer and of a single type and power level.

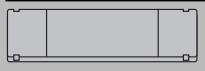
The maximum number of electronic ballasts or transformers which may be connected to the flush control unit for 1-10 V control input is calculated from the sum of the control currents. With this, the total current of 200 mA may not be exceeded (see technical data from the transformer and electronic ballast manufacturer).



Connection of flush control unit for 1-10 V control input



Connection of flush control unit for 1-10 V control input in three phases



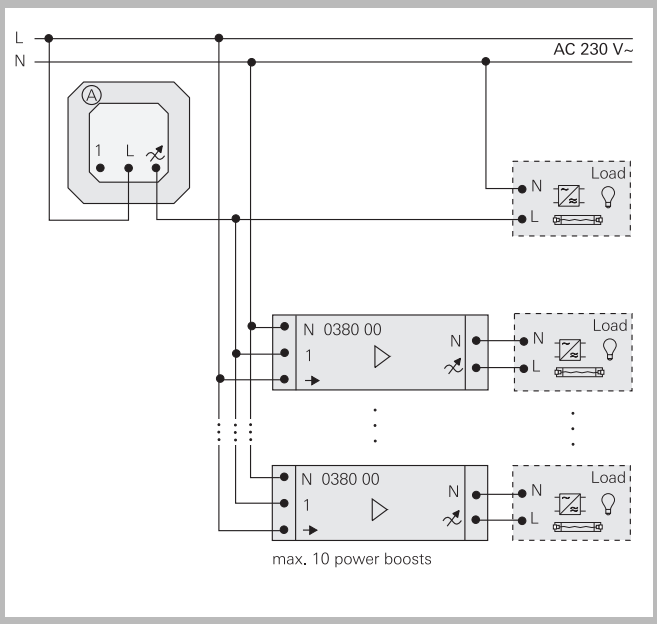
Tronic flush power boost

0380 00

	Technical data
Rated voltage:	230 V AC, 50 Hz
Connected load:	100 to 700 W - 230 V light bulbs - HV halogen - Gira Tronic transformers - mixed loads of specified load types
Ambient temperature:	+45 °C
Housing temperature:	+70 °C
Dimensions (L x W x H):	212 x 49 x 46 mm

Use the **same phase** for universal dimmers, Tronic dimmers and power boosts.
Do not switch L and N at the power boost. If this is not heeded, faulty functioning will occur.

For lighting systems with an output of over 3500 W, the installation must be apportioned to two circuits, but with the same phase. The automatic circuit breakers of these circuits are to be coupled mechanically so that an all-pole disconnection of the lighting system is ensured.



Parallel connection of several Tronic power boosts

	Explanation of Ⓐ
0307 00	Tronic dimmer insert
0305 00	System 2000 Universal dimming insert
0381 00	Tronic flush dimmer
1181 00	Light bulb dimmer pressure/2-way switch
1182 00	Tronic dimmer insert

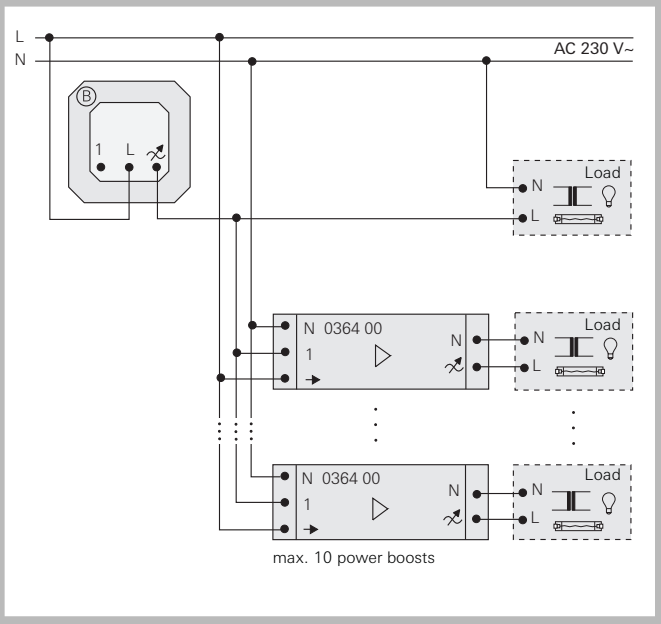
LV flush power boost 100 to 600 W

0364 00

	Technical data
Rated voltage:	230 V AC, 50 Hz
Connected load:	- 100 to 600 W light bulbs - 100 to 500 W HV halogen - 100 to 600 VA LV halogen with inductive transformer - mixed loads of specified load types - mixed load with HV halogen lamps max. 500 W
Ambient temperature:	+45 °C
Housing temperature:	+70 °C
Dimensions (L x W x H):	212 x 49 x 46 mm

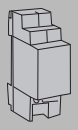
Use the **same phase** for universal dimmers, LV dimmers and LV power boosts.
Do not switch L and N at the power boost. If this is not heeded, faulty functioning will occur.

For lighting systems with an output of over 3500 VA, the installation must be apportioned to two circuits, but with the same phase. The automatic circuit breakers of these circuits are to be coupled mechanically so that an all-pole disconnection of the lighting system is ensured.



Parallel connection of several LV power boosts

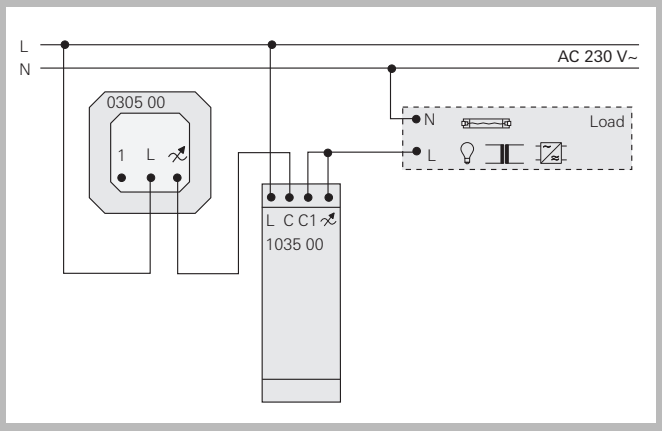
	Explanation of Ⓑ
0300 00	Light bulb dimmer 2-way turn-off switch
0302 00	Light bulb dimmer pressure/2-way switch
0305 00	System 2000 Universal dimming insert
0331 00	System 2000 LV dimming insert
1181 00	Light bulb dimmer pressure/2-way switch
1183 00	LV dimmer insert
1184 00	Light bulb dimmer pressure/2-way switch



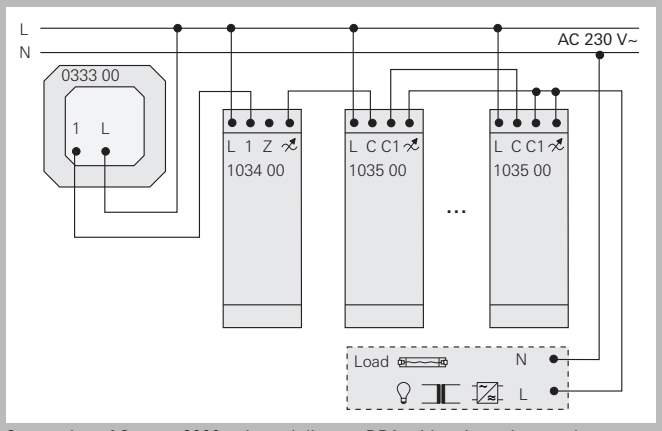
Universal power boost
200 to 500 W

1035 00

	Technical data
Rated voltage:	AC 230 V~, 50 Hz
Connected load:	200 to 500 W / VA - 230 V light bulbs (ohmic load, **trailing** edge) - 230 V halogen lamps (ohmic load, **trailing** edge) - Tronic transformers (capacitive load, **trailing** edge) - Conventional transformers (inductive load, **leading** edge) - Mixed loads composed of the loads specified (capacitive loads not together with inductive loads). - If mixed loads are used with conventional transformers, the share of ohmic loads must not exceed 50 %.
Ambient temperature:	+ 45 °C
Dimensions:	2 depth module



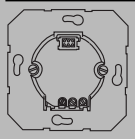
Connection of System 2000 universal dimmer with universal power boost



Connection of System 2000 universal dimmer DRA with universal power boost

Dimmer	Order-No.	Operating mode Load		Amount of universal power boosts
Universal dimmer DRA 50 - 500 W/VA	1034 00	**Trailing** edge	R,C	10 pieces of 500 W
System 2000 Universal dimmer 50 - 420 W/VA	0305 00			
Universal dimmer with pressure/rotary switch 50 - 420 W/VA	1176 00	**Leading** edge	R,L	5 pieces of 420 VA
Radio universal dimming actuator, 1-gang DRA 50 - 400 W/VA	1135 00			
Tronic dimmer with push-action 2-way switch 20 - 525 W	0307 00	**Trailing** edge	R,C	10 pieces of 500 W
Universal series dimming insert 50 - 220 W/VA	2263 00	**Trailing** edge		
Tronic flush dimmer 50 - 700 W	0381 00	**Trailing** edge	R,C	10 pieces of 400 W
Radio universal dimmer 50 - 315 W/VA	0809 00	**Trailing** edge	R,C	10 pieces of 500 W
		Leading edge	R,L	5 pieces of 300 VA

In ohmic loads (R), the devices work in the opration mode **Trailing** edge



Blind control insert 24 V DC

0388 00

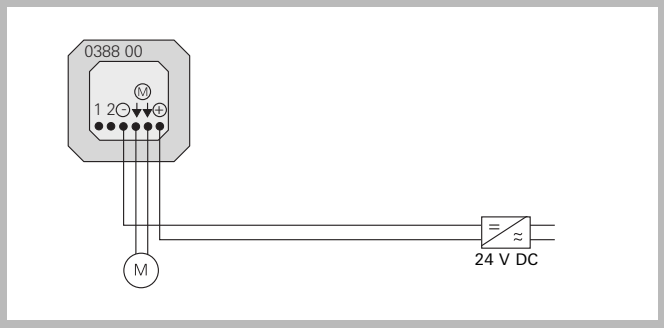
	Technical data
Rated voltage:	DC 24 V
Contact rating:	Max. 3 A
Relay output:	2 2-way switch relays of a pole-changing circuit
Pulse duration:	Determined by the top unit, default value is 2 minutes
Switching time:	Min. 1 sec. (electronic lock via top unit)
Connection terminals:	Screw terminals for max. 2.5 mm² or 2 x 1.5 mm²

When using blind **push buttons**, the 24 V insert does not switch to self-locking mode (extended run). The blind must be moved to the desired position via manual actuation.

If this is not desired, you must use blind **switches** with mechanical locks.

The 24 V insert can then only be operated with a mechanical auxiliary unit if the insert and auxiliary unit are fed from the **same** 24 V power supply. Only then do the insert and the auxiliary unit have the same ⊖-potential and it is sufficient to switch the ⊕-potential via the mechanical auxiliary unit.

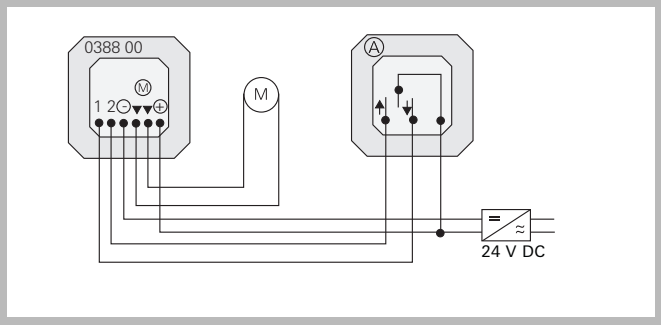
If the auxiliary unit (e.g. in a central control) is fed via another power supply, on the other hand, a 24 V insert which wires both auxiliary inserts must be used.



Blind controller insert 24 V DC connection

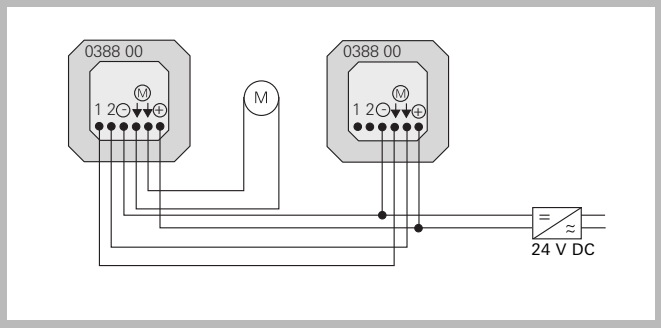
A power supply providing 24 V DC SELV must be used to feed the 24 V insert. For this purpose, the power supply must ensure protective disconnection between the primary and secondary sides.

The blind motor is to be connected to motor terminals of the 24 V insert. If the motor turns in the wrong direction, the connection cables are to be switched.

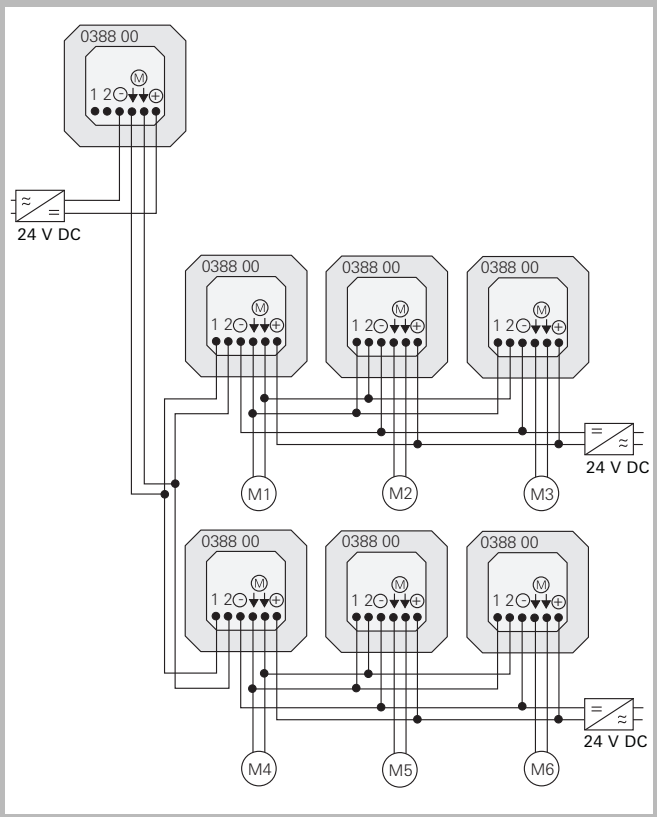


Blind controller insert 24 V DC connection with mechanical auxiliary unit (blind push button with mechanical lock).

	Explanation of Ⓐ
0154 00, 0157 00	Blind buttons/switches
0154 30	Water-protected surface-mounted blind buttons/switches
0158 13, 0159 13	Surface-mounted blind push buttons/switches
0144 00, 0163 00	Key-switch inserts
0144 30, 0163 30	Water-protected surface-mounted key switches

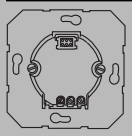


Blind controller insert 24 V DC connection with auxiliary unit



Blind controller insert 24 V DC connection with "central control"

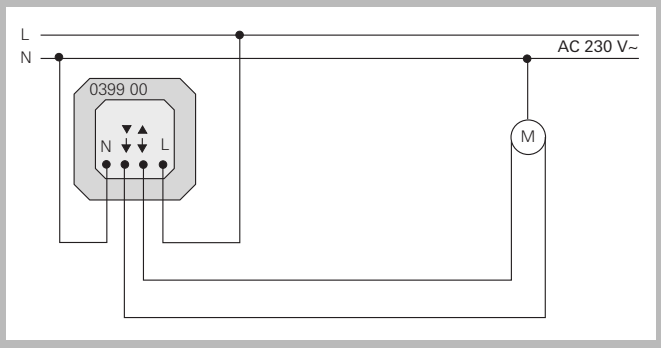
The central control accepts the blind control insert 24 V DC with the electrical blind control top unit. Two groups with three 24 V inserts each and with a control button top unit or radio control button top unit can be operated on site. The inserts for the M1 and M4 motors accept a super-ordinate function for the respective group. If these motors are moved, all motors in the group also move. Additional 24 V inserts can be added, according to the wiring schematic.



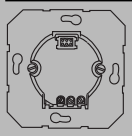
Blind control insert without auxiliary input

0399 00

	Technical data
Rated voltage:	230 V AC, 50 Hz N conductor required
Contact rating:	Max. 1000 VA
Relay output:	Two equipotential bonding NO contacts (locked against one another)
Pulse duration:	2 min
Switching time with extended run:	Min. 1 sec. (electronic lock via top unit)
Connection terminals:	Screw terminals for max. 2.5 mm² or 2 x 1.5 mm²



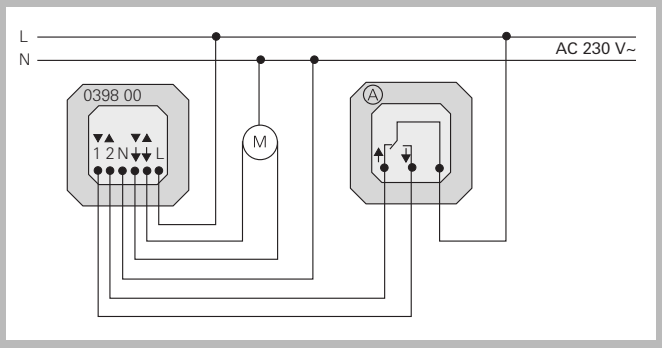
Connection of blind control insert without auxiliary unit



Blind control insert with auxiliary input

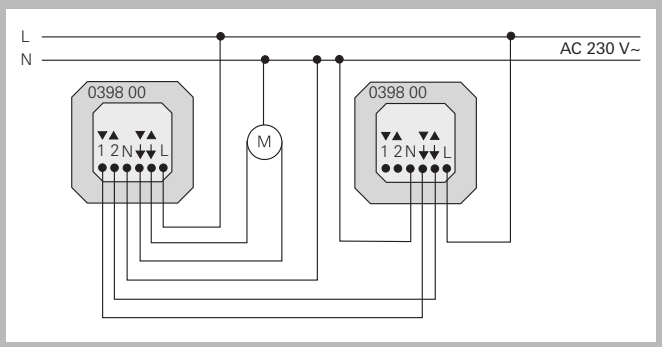
0398 00

	Technical data
Rated voltage:	230 V AC, 50 Hz N conductor required
Contact rating:	Max. 1000 VA
Relay output:	Two equipotential bonding NO contacts (locked against one another)
Pulse duration:	2 min
Switching time with extended run:	Min. 500 ms (electronic lock via top unit)
Connection terminals:	Screw terminals for max. 2.5 mm² or 2 x 1.5 mm²
Circuit breaker:	Max. 16 A



Connection of blind control insert with mechanical auxiliary unit (blind push button with mechanical lock)

	Explanation of Ⓐ
0154 00, 0157 00	Blind buttons/switches
0154 30	Water-protected surface-mounted blind buttons/switches
0158 13, 0159 13	Surface-mounted blind push buttons/switches
0144 00, 0163 00	Key-switch inserts
0144 30, 0163 30	Water-protected surface-mounted key switches

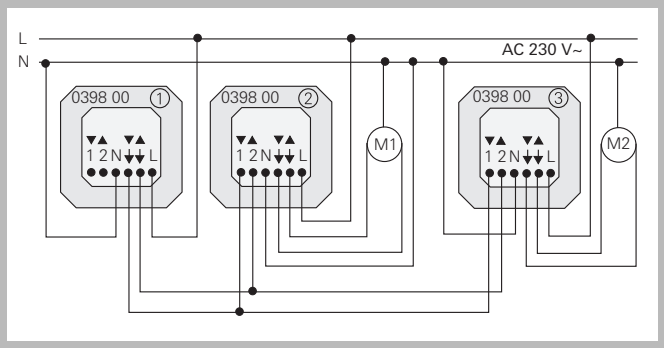


Connection of blind control to auxiliary unit

When using blinds buttons, the blind control insert does not switch to self-locking mode (extended run). The blind must be moved to the desired position manually by pressing the buttons.
If this is not desired, use blind switches with mechanical locks.

Note
As long as an "up" command is active at auxiliary input "2", the blind cannot be operated manually or automatically at the device itself.

Connection group control / central control

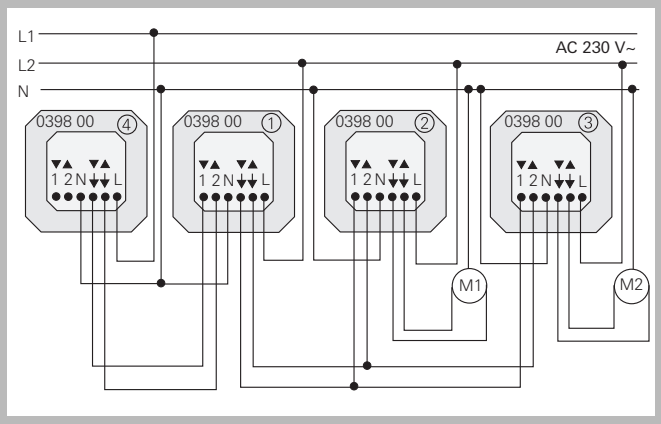


Connection of blind control insert with "group control"

For example: Insert ① with electronic blind control Insert ② and ③ with control button. The automatic and manual control of both motors is carried out "centrally" via the ① insert with electronic blind control.

The switching commands are evaluated the same for both motors. This enables common up or down movement of the connected motors (e.g. central up command in the morning and central down command in the evening for all connected blinds motors. Motors M1 (insert ②) and M2 (insert ③) can also be operated manually via the control buttons. Additional inserts can be added, according to the wiring schematic. Observe connection values of the circuit breakers.

Note
As long as an "up" command is active at auxiliary input "2", the blind cannot be operated manually or automatically at the device itself.



Connection of blind control with "central control"

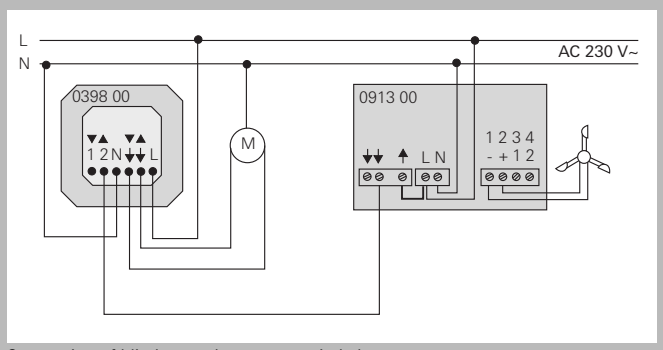
The connection in several phases enables the central control to be installed on another level or in another room. Example for two blind motors: Inserts ①, ② and ③ with control button. Insert with electronic blind control Motors M1 (insert ②) and M2 (insert ③) are operated manually via the control buttons.

Both motors are operated simultaneously via insert ①. The automatic and manual control of both motors is carried out "centrally" via the ④ insert with electronic blind control. The switching commands are evaluated the same for both motors. This enables simultaneous up or down movement of the connected motors (e.g. central up command in the morning and central down command in the evening for all connected blind motors).

Additional inserts can be added, according to the wiring schematic. Observe connection values of the circuit breakers.

Note
As long as an "up" command is active at auxiliary input "2", the blind cannot be operated manually or automatically at the device itself.

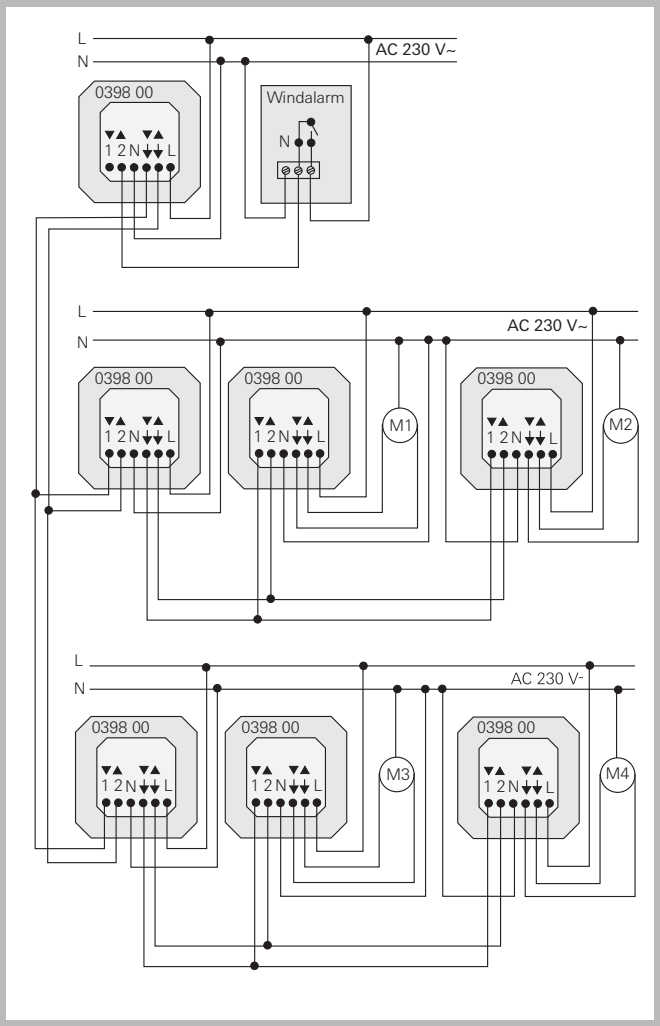
Connection wind alarm



Connection of blind control system to wind alarm

Wind sensor (cup anemometer)
The wind sensor is mounted to the roof or the side of the building. It must be attached in a position conducive to wind-speed measurement. Do not mount in a located sheltered from the wind. Ensure attachment in the proper position.

When connecting the wind sensor, use shielded cable (we recommend JY-ST-Y 2 x 0.6). The cable may not be laid together with 230 V AC cables (danger of interference).

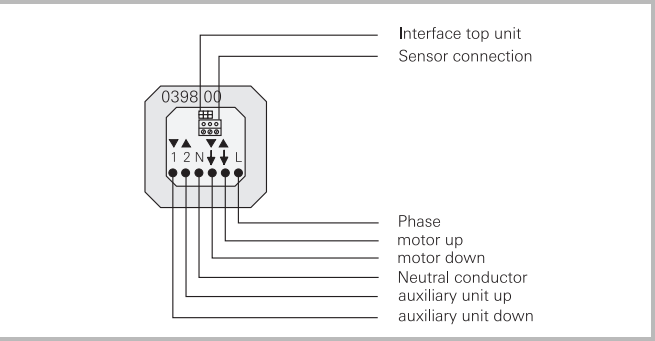


Connection of blind control to wind alarm (central control with two groups)

With a wind alarm, the blind is moved up and remains locked there until the wind dies down. This locking remains in effect as long as an up command is active at auxiliary input "2". For this reason, the blind cannot be operated manually or automatically.

Note
Glass-breakage sensors may not be used together with the wind sensor. The wind-protection function (blind moves up) is blocked after glass is broken, the blind or shutter remains closed.

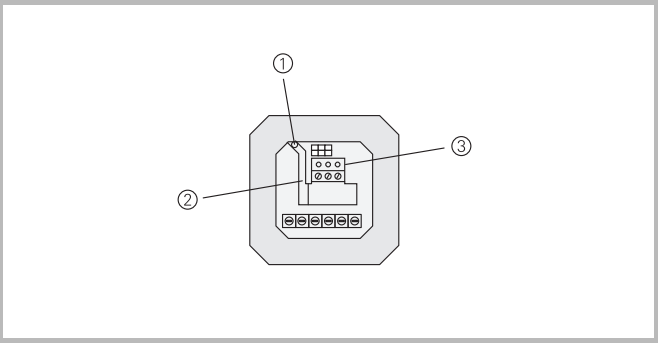
Connection possibilities for sensors



Connection of sensor cable

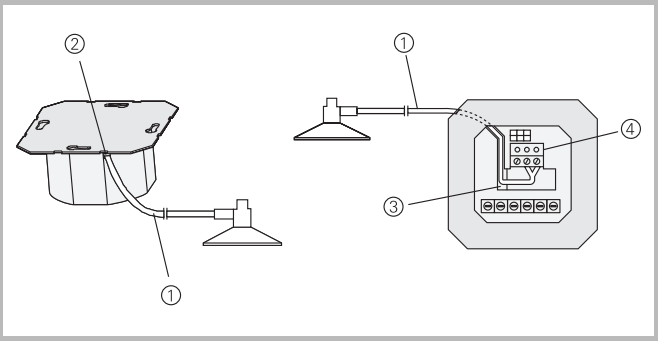
The blind control insert has six connection terminals and a plug for contacting the top unit.

In addition, a 3-pole terminal (included with the top unit with sensor connection) can be positioned in the insert. The sun-protection/twilight sensor (twilight sensor only in conjunction with electronic blind control) and/or glass-breakage sensor is connected to this terminal with flush-mounted placement and use of a top unit with sensor evaluation.



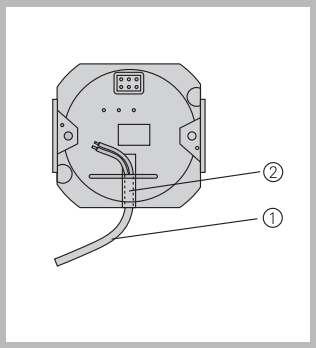
Connection of sensor with flush-mounted placement

Select a suitable cable for flush-mounted placement of the sensor cable.
We recommend telefone cable J-Y(ST)Y 2 x 2 x 0.6 mm. The individual wires of the sensor cable are lead through an insulated tube (included with the top unit with sensor connection). The cable is then inserted through the hole ① of the insert together with the insulated tube and lead through the cable duct ② to the connection terminal ③. The insulated tube must enclose the individual wires from the outer cable insulation to the connection terminal. The connection terminal (included with the top units with sensor connection) is placed in the insert in accordance with the figure.



Surface-mounted placement, version 1 (control button with sensor evaluation)

The sensor cable ① is guided behind the support plate (between the wall and support plate) through the opening ② into the cable duct ③ of the insert. The cable is led directly through the cable duct to the connection terminal ④. The cable must lie precisely in the cable duct and may not form loops in the 230 V connection terminal area.



Surface-mounted placement, version 2 (control button with sensor evaluation)

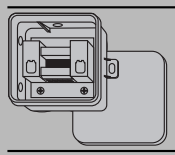
The sensor cable ① is fed through the cable duct in the top unit to the ② connection terminal in the insert.

Simultaneous operation of sun and glass-breakage sensors
If a solar/brightness sensor and glass-breakage sensor are to be operated simultaneously, use an adapter (not included in scope of delivery). The adapter is connected to the top unit with sensor evaluation or to the insert via the 3-pole connection terminal.
The adapter has two pin jacks for connection of the sensor plugs.

Extension of the sensor cable
The sensor cable may not be extended as long as desired, as interference from other devices and lines could be picked up. Malfunctions then result.

For interference-free operation, note the following information:

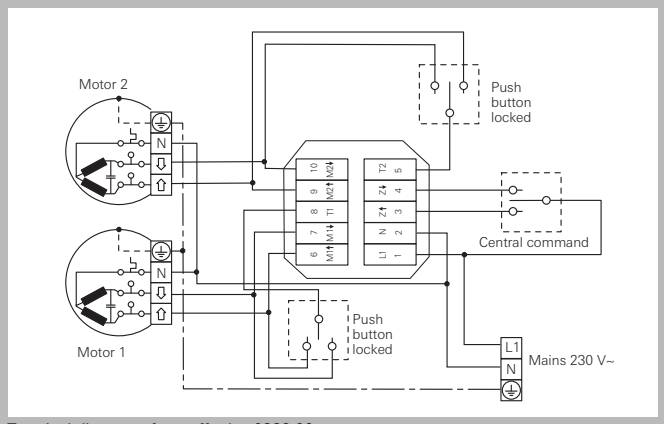
- Use only shielded cables (J-Y(ST)Y 2 x 2 x 0.6 mm) for extension of the sensor cable
- Connect shielding to earth potential
- Total length: max. 20 m
- avoid close proximity with other electrical devices



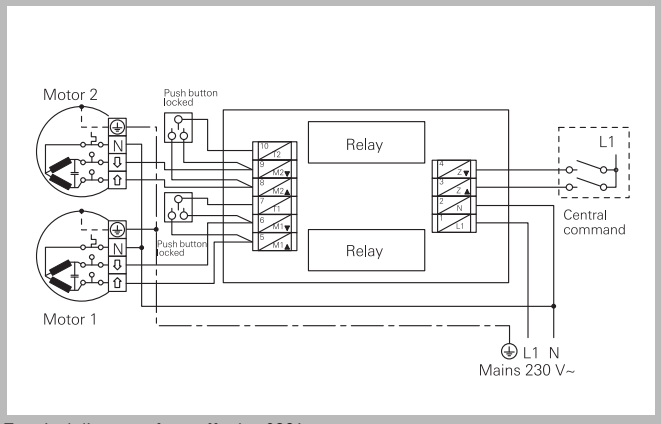
Cut-off relay

0382 00
0387 00
0861 00

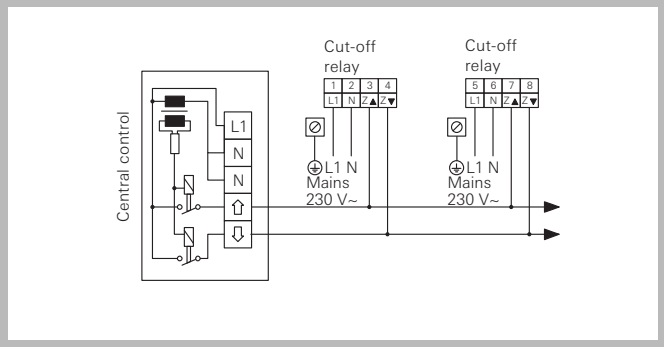
	Technical data
Mains:	230 V AC, 50 Hz
Controller:	230 V AC, 50 Hz
Contact rating:	4 A, cos φ ≥ 0.8



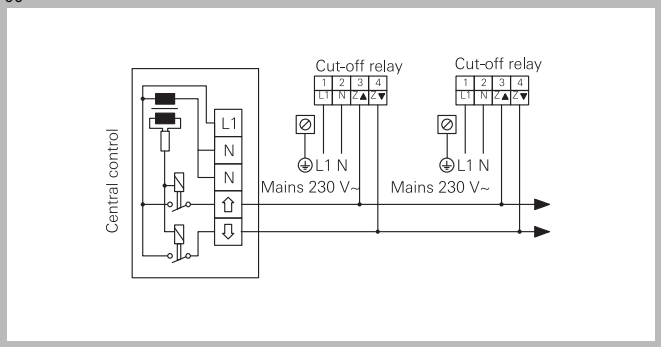
Terminal diagram of cut-off relay 0382 00



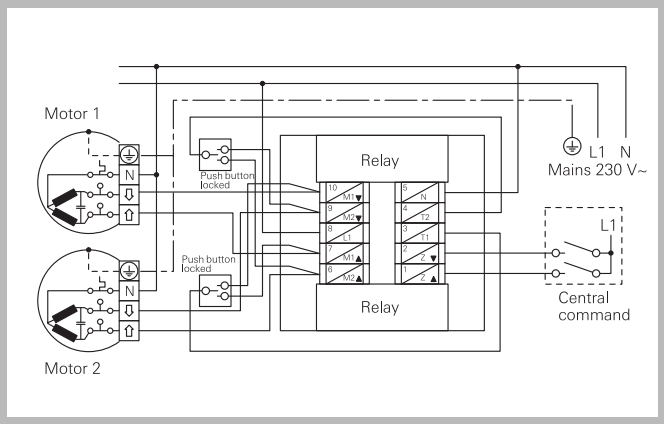
Terminal diagram of cut-off relay 0861 00



Parallel connection of cut-off relay 0382 00



Parallel connection of cut-off relay 0861 00

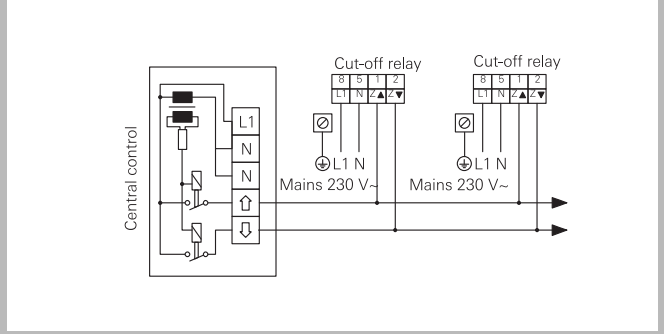


Terminal diagram of cut-off relay 0387 00

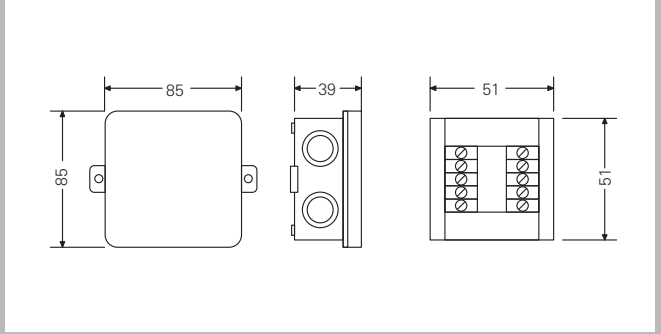
Mounting
The 2-gang cut-off relay is installed in a standard, water-repellent junction box. Fastening of the junction box occurs with two screws. After mounting, all cable connections are to be made in accordance with the wiring diagram.

Important!
During connection, the relevant VDE requirements, especially DIN VDE 01000/0700 and the relevant regulations of the local EVU and UVV are to be observed.

Operation
The 2-gang cut-off relay is used for the simultaneous control of two drives. All devices with 230 V output and 2 min. pulse would be suitable as a controller. Individual operation is only possible with mechanically and electrically locked push buttons.



Parallel connection of cut-off relay 0387 00



Dimensions of cut-off relay 0387 00



Electronic time delay switch, 230 V AC~

0385 ..

	Technical data
Contact rating:	See insert
Display:	LCD technology 18 x 38 mm
Switching times:	Max. 18 (in two program memories) factory preset switching times
Power reserve:	Approx. 24 h (no battery required) programmed switching times are permanently retained
Timer function:	1 min to 23 h 59 min
Random generator:	+/- 15 min
Astro program:	Adjustable by +/- 1 h 59 min
Summer/winter changeover:	Manual
Ambient temperature:	0 °C to + 45 °C



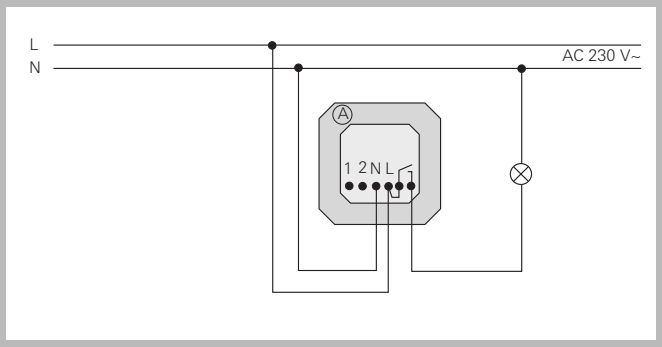
Electronic time clock Easy 230 V AC~

1175 ..

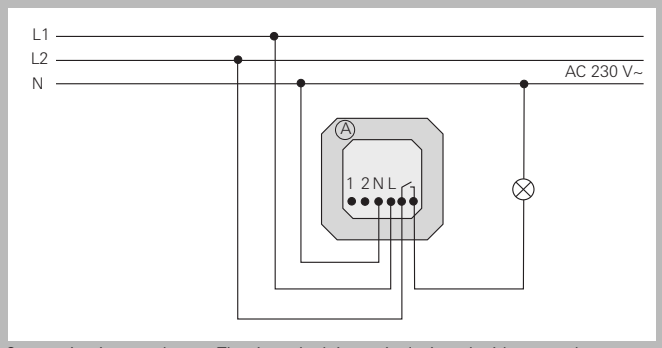
	Technical data
Contact rating:	See insert
Display:	LCD technology 23 x 40 mm
Switching times:	2 on/off switching times Mon. – Fri. 2 on/off switching times Sat. + Sun. current time can be set as the switching time
Power reserve:	Approx. 4 h (no battery required) programmed switching times are permanently retained.
Summer/winter changeover:	Automatic
Ambient temperature:	0 °C to + 45 °C

	Technical data for insert
Rated voltage:	AC 230 V AC~, 50 Hz (N conductor required)
Contact rating:	- 1000 W light bulbs - 1000 W HV halogen - 750 W LV halogen with Tronic transformers - 750 VA conventional transformers (at least 85 % rated load) - 500 VA fluorescent lamps, not compensated - 400 VA fluorescent lamps parallel compensated (47 µF) - 1000 VA fluorescent lamps, duo-circuit
Energy saving lamps:	Note the high switch-on current spikes with energy saving lamps. Check suitability of the lamps before use!
Relay output:	1 zero-voltage NO contact. Not suitable for disconnection!
Switching-time spacing:	Min. 1 min
Connection terminals:	Screw terminals for max. 2.5 mm² or 2 x 1.5 mm²
Power-protection switch:	Max. 16 A
Auxiliary input:	A switch can not be connected to the auxiliary unit inputs.

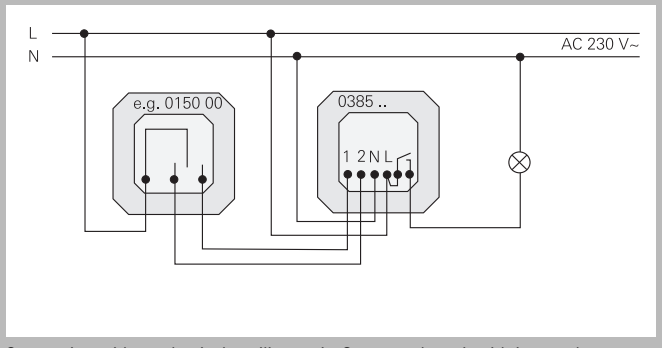
Connection of time clock insert



Connect phase L to input relay ("wire jumper")

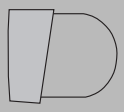
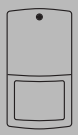
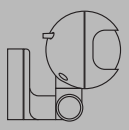
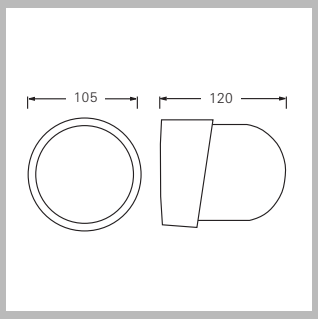
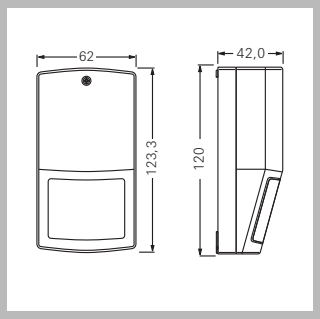
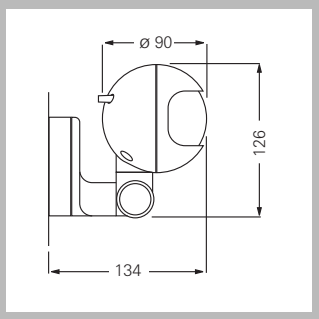
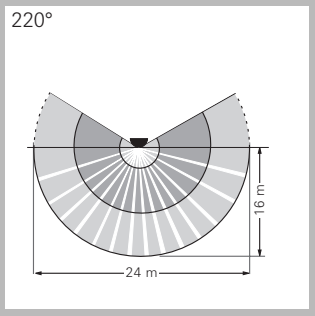
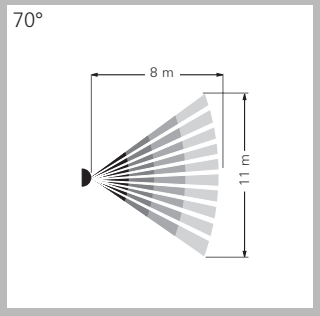
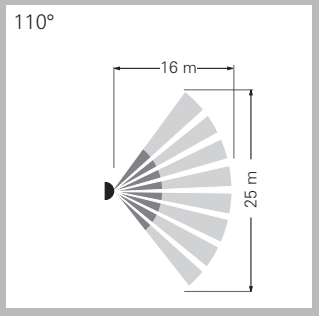
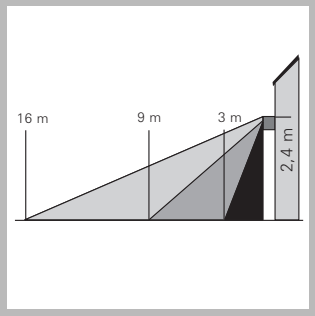
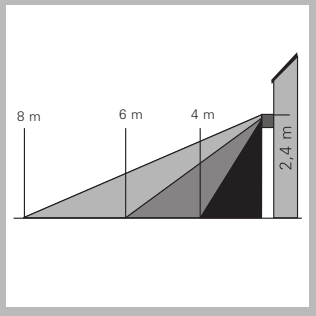
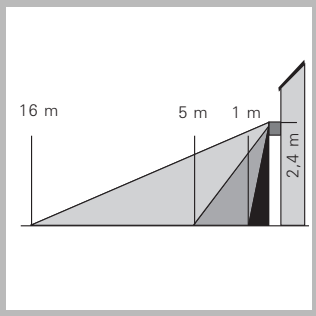


Connection in two phases. The time clock insert is designed with zero-voltage contacts.



Connection with mechanical auxiliary unit. Connect phase L with input relay ("wire jumper")

Ⓐ Time clock insert 0385 .. and 1175 ..

	 **Tectiv 220°** **0817 02** **0817 10** **0817 04**	 **Observer 70** **0831 02** **0831 10**	 **Observer 110** **0355 02**
Rated voltage:	230 V AC, 50 Hz	230 V AC, 50 Hz	230 V AC, 50 Hz
Contact rating[1]:	- 2500 W light bulbs - 2500 W HV halogen - 1200 W fluorescent lamps, not compensated	- 1000 W light bulbs - 1000 W HV halogen - 750 VA LV halogen with conventional transformer with at least 85 % rated load - 750 W LV halogen with Gira Tronic transformer - 500 W fluorescent lamps, not compensated - 400 W fluorescent lamps parallel compensated (47 µF) - 1000 W fluorescent lamps, duo-circuit	- 2300 W light bulbs - 2300 W HV halogen - 1200 VA LV halogen with conventional transformer with at least 85 % rated load - 1200 W LV halogen with Gira Tronic transformer - 1200 W fluorescent lamps, not compensated - 920 W fluorescent lamps parallel compensated (47 µF) - 2300 W fluorescent lamps, duo-circuit
Switch-on current:	100 A	15 A	20 A
Temperature range:	-25 °C to +55 °C	-25 °C to +55 °C	-35 °C to +50 °C
Protection type:	IP 55	IP 55	IP 55
Dimensions:			
Detection field:			
Range:			

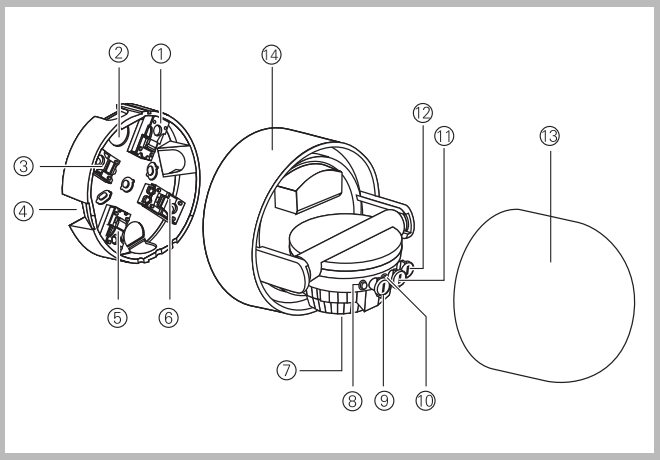
[1] **Note**
Note the high switch-on current spikes with "energy saving lamps". Check suitability of the lamp before use
(see also page 665 / **i** 77).



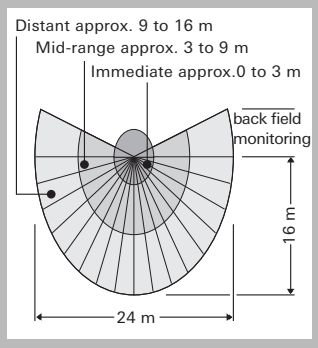
Tectiv 220°

0817 02
0817 10
0817 04

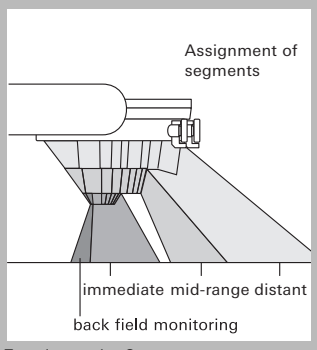
Technical data	
Nominal range – front: Nominal range – side: (installation height: 2.40 m)	Approx. 16 m Approx. 12 m
Detection area:	220°, reducible with shutter
Recommended installation height:	2.40 m
Rated voltage:	230 V AC, 50 Hz
Switching relay:	16 A
Switch-on current:	Up to 100 A
Contact rating:	- 2500 W light bulbs - 2500 W HV halogen - 1200 W fluorescent lamps
Power consumption:	Approx. 1 W (deactivated state) Approx. 5 W (activated state)
Ambient temperature:	-25°C to +55°C
Switch-on time:	Approx. 1 sec. to 30 min.
Brightness sensor:	3 to 1000 Lux and daytime operation
Additional functions:	daylight signaller, teach-in, light on, continuous on/off.
Protection type:	IP 55
Connections:	L, N, PE, L‘ 1.5 to 2.5 mm²



Key	
①	PE protective conductor
②	Flush-mounted cable inlet
③	L external conductor
④	Surface-mounted cable inlet
⑤	Switched output
⑥	N neutral conductor
⑦	Lens
⑧	Brightness (teach-in) key
⑨	Sensitivity controller
⑩	LED
⑪	Brightness controller
⑫	Delay period controller
⑬	Dome
⑭	Designed ring (3-gang adjustment, depending on the cable inlet)



Erfassungsfeld

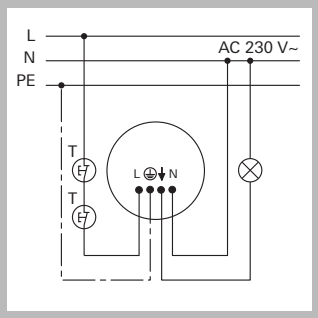


Zuordnung der Segmente

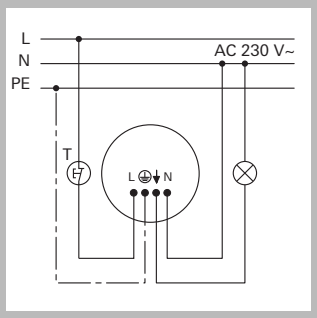
Teach-in: saving of brightness switching threshold
Wait for desired twilight and then:

1. Turn dome anticlockwise and remove.
2. Press red teach-in key for at least 3 sec (do not touch lens!). The LED begins to flash.
3. Replace dome and turn clockwise.

The value is saved after 1 minute, and the LED no longer blinks. If the light was already switched on, it switches off. It switches on again when movement is detected. The current brightness value is saved.



2-way wiring
Replace existing 2-way switches with push buttons. Function as described under push button.
T = push button (NC contact)



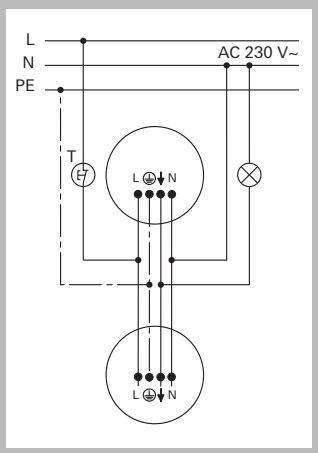
Connection to push buttons
Press once: Light switches on for set delay period.

Press twice: Continuously on for 2 hours

Press three times: Continuously off for 2 hours

Continuously on/continuously off switches back to the normal observer mode after 2 hours.

T = push button (NC contact)



Parallel connection
Parallel connection of several Gira Tectiv 220° units. The contact rating is not increased by the parallel connection.
T = push button (NC contact)

Basics of the Gira observer systems

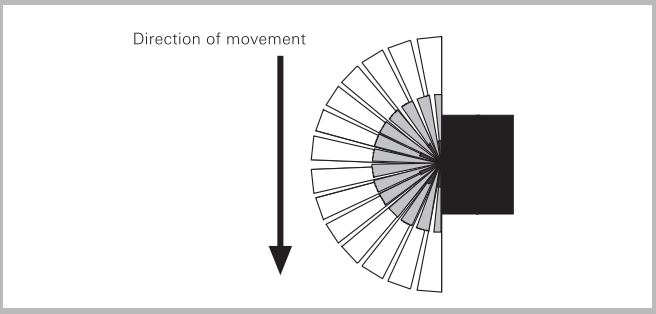
The Gira observer functions based on the principle of a passive infrared motion detector (PIR motion detector).

It registers a movement of heat in its detection field caused by people, animals or objects. The device (e.g. a light) is switched on as soon as the heat source moves in the detection area.

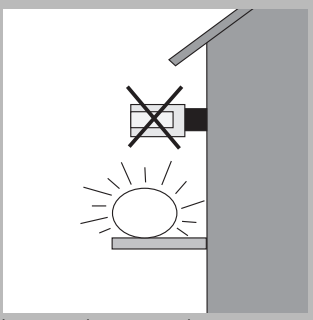
The observer remains switched on as long as movement can be detected and then switches off automatically when the settable delay time has run out.
To avoid unwanted switching, influences from the environment are suppressed on the one hand by the appropriate switching measures in the device and minimised by selecting a suitable installation site on the other hand.

Therefore it is important to note the following during installation:

- influences from sources of interference such as trees, bushes, animals or automobiles must be prevented or blocked.
- the recommended installation height must be complied with so that optimum detection is ensured.
- the expected direction of movement of an object to be detected is taken into account (direction of movement should be at a right angle to detection direction to the greatest extent possible).
- keep influences due to weather such as rain, snow, fog etc. to a minimum (e.g. via installation under an overhang).



Direction of movement

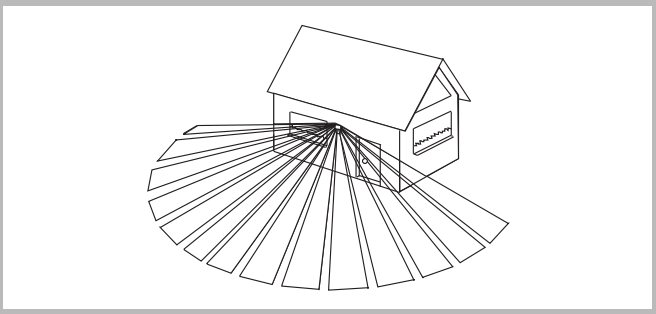


Incorrect observer attachment

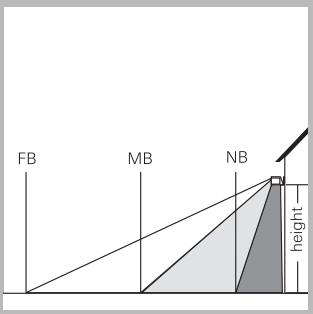
Never mount the observer directly over a light! A cooling lamp can be detected as a change in heat and cause activation of the lights.

A Gira observer has a tight, half circle-shaped detection field with three levels and a number of so-called switching segments (detection beams).

The range specified in the technical data of an observer always refers to the recommended installation height (e.g. 2.40 m) and requires that the sensor head is not tilted, the direction of movement on the side of the observer and a sufficient difference in temperature between the moved body and the environment is taken into account. Deviations from these requirements cause a change in the range.



Presentation of the switching segments (detection beams)

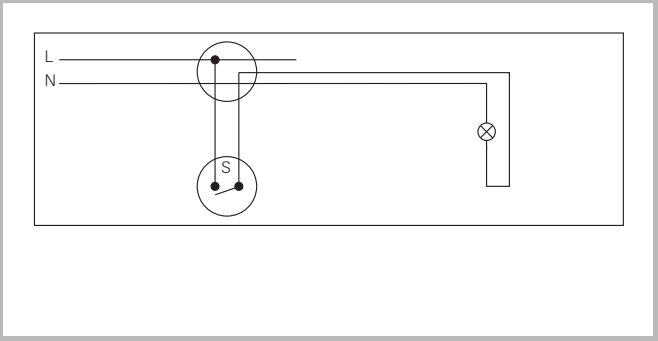


Monitoring levels

The monitoring levels are defined as follows:

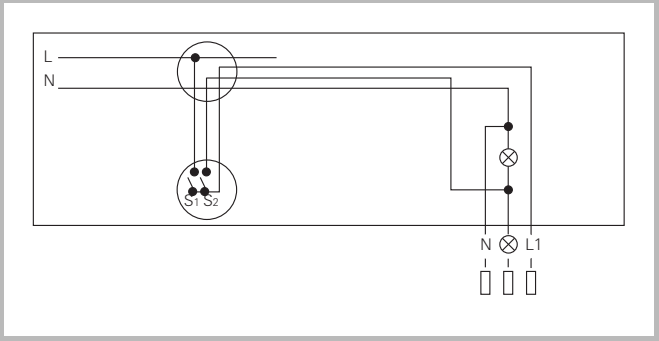
- Immediate area (NB)
- Mid-range area (MB)
- Distant area (FB)

Wiring schematics



Existing installation

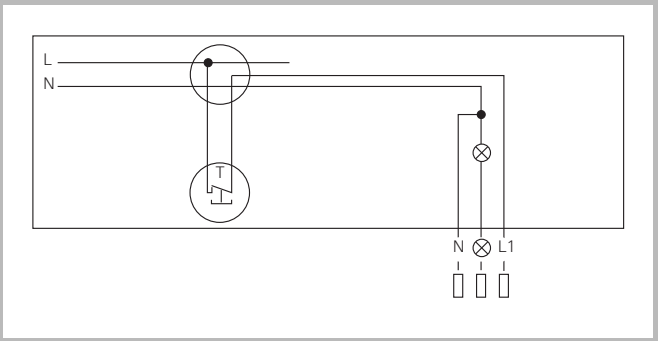
Wiring schematics



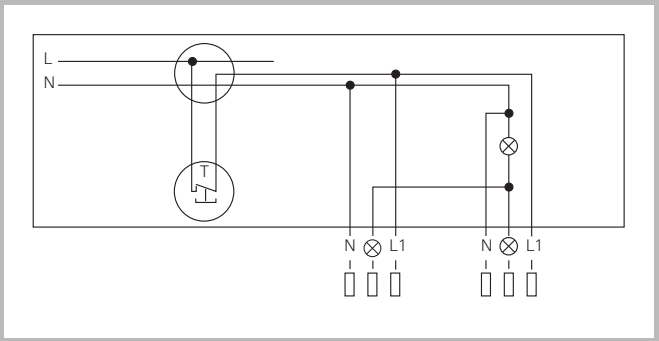
Automatic or manual operation with series switch
S 1 open, S 2 open:
all off.

S 1 closed, S 2 open:
normal automatic mode.

S 1 closed, S 2 closed:
continuous light, manual mode, observer inactive.

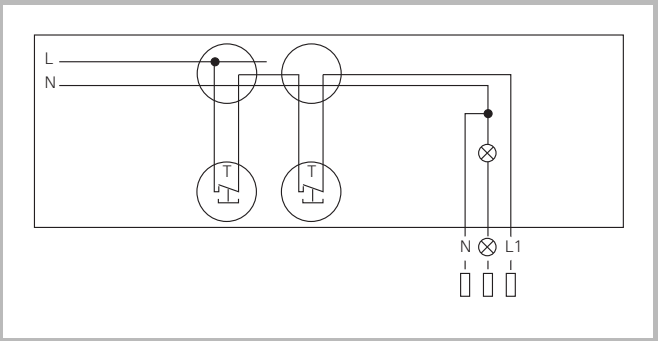


Connection of observer and the system power section
Replace existing switch "S" with "T" push button (NC contact). Actuating the push button for at least 1 second triggers switching.

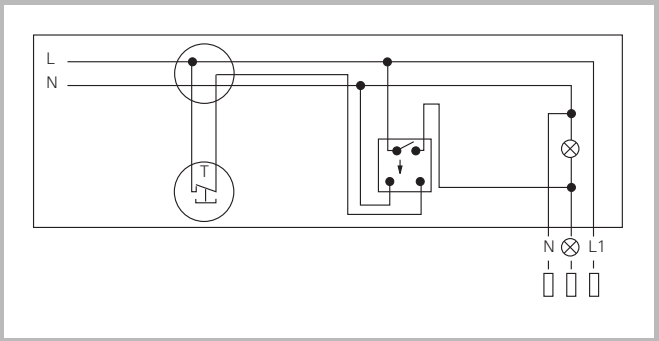


Connection of several observers (parallel connection)
Push button "T" (NC contact) (system-sensor cables from two or more observer systems may not be wired together!)

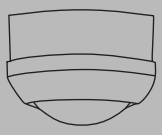
Attention:
Parallel connection does not increase the maximum connected load.



2-way wiring
Existing 2-way switches can be replaced with "T" push buttons (NC contact).



Parallel connection with automatic stairwell-lighting mechanism or remote-control switch
The illumination is switched on either by the automatic stairwell-lighting mechanisms or via the observer.



Compact presence detector

1147 02

	Technical data
Rated voltage:	AC 230 / 240 V ~, 50 / 60 Hz
Operating temperature:	+ 5 to + 35 °C
Contact rating[1]:	- 1000 W light bulbs - 1000 W HV halogen - 750 W Gira Tronic transformers - 750 VA conventional transformers - 500 VA fluorescent lamps, not compensated - 400 VA fluorescent lamps, parallel compensation
[1]**Note** Note the high start-up currents with "energy saving lamps". Check suitability of the lamp before use (also see page 665 / ℹ 77).	
Max. switching current:	10 A (ohmic)
Max. switch-on current:	35 A (max. 4 sec at 10% ED)
Circuit breaker:	Carry out pursuant to local directives, max. 10 A
Angle of detection:	360°
Number of lenses/detection levels:	80 / 6
Nominal range Desk height: Floor:	 5 m dia. 8 m dia.
Installation height for nominal range:	2.5 m (The size of the range of coverage will vary with other installation heights.)
Switch-on time:	Approx. 1 second test mode Approx. 10 sec to 30 min
Brightness:	Approx. 10 to 1000 lux
Recommended numberof parallel presence detectors:	Max. 5
Number of auxiliary units Mechanical push button:	Unlimited Illuminated push buttons must have a separate N terminal.
Entire lengthof auxiliary input cable:	Max. 100 m
Entire length of load cables:	Max. 100 m

Function

The Compact presence detector reacts to the movement of heat triggered by people, animals and objects. When a movement is detected below an adjustable brightness value, the load is switched on. The device remains switched on as long as further movements are detected and the lighting is required.

The lighting is switched off if one of the following cases occurs:

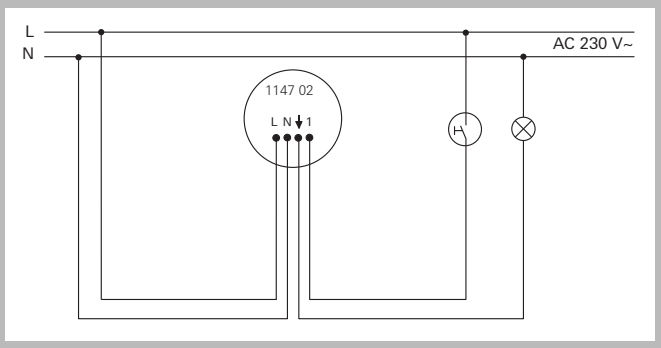
- No more movement is detected, switch-off occurs after the set switch-on time expires.
- The brightness of the monitored area continuously exceeds at least twice the set value (e.g. due to more daylight), the presence detector shuts off after approx. 10 minutes, even when movement is detected. A flashing LED signals when the set brightness is exceeded.

Several Compact presence detectors can be connected in parallel to expand the detection field

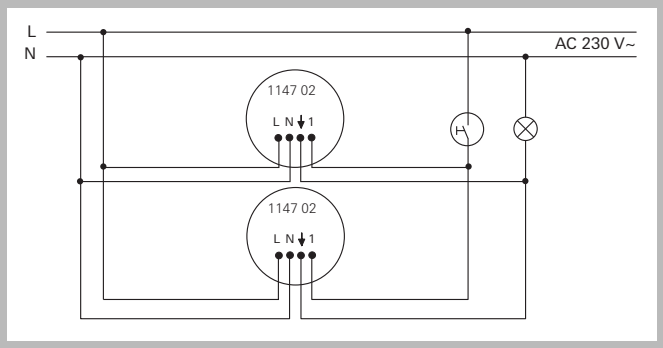
The Compact presence detector is not suitable for alarm systems.

Connecting presence detectors in parallel

Several Compact presence detectors can be connected in parallel to expand the range of coverage.
The presence detectors connected in parallel work independently.
The switch-on time and the minimum brightness are set individually on each presence detector.
If one of the parallel connected presence detectors' light (load) is switched on, the other presence detectors detect this with help of the so-called load cable monitoring. In this case the switch-on criterion "Dropping below minimum brightness" is met for all presence detectors. This means as soon as one of the parallel connected presence detectors senses movement in its range of coverage, it will switch on. Further movements within its detection range retrigger its switch-on time.



Connection of Compact presence detector



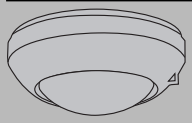
Connection of several Compact presence detectors (parallel connection)

Note

- The lighting can be switched on and off with the push button (NO contact).
- Illuminated push buttons must have a separate N terminal.
- The length of the load cable cannot exceed 100 m. All connection cables between presence detectors and lamps are taken into account.

Note

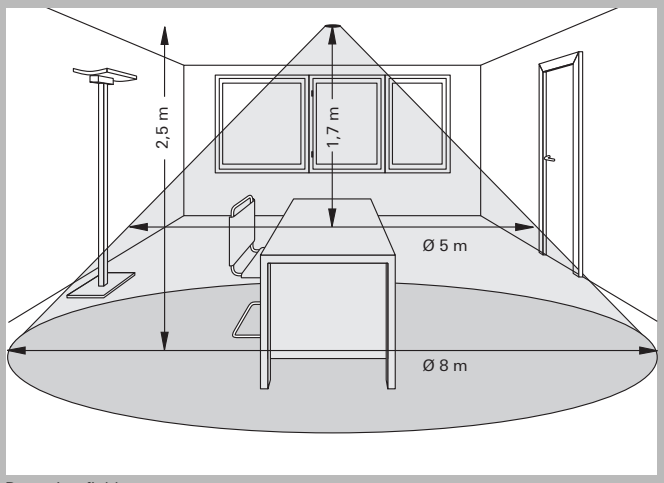
- In practice, no more than 5 presence detectors should be connected in parallel.
- All presence detectors connected in parallel must be operated with the same phase.
- Parallel connection does not increase the maximum connected load.
- The button must be connected to all presence detectors connected in parallel. Otherwise no useful auxiliary input operation is possible



System 2000 presence detector Comfort top unit

0317 02
0317 04

	Technical data
Angle of detection:	360°
Nominal range desk height:	∅ 5 m
Nominal range of floor:	∅ 8 m
Installation height for nominal range:	2.5 m
Number of lenses/Detection levels:	80 / 6
Rated voltage:	See System 2000 insert
Contact rating:	See technical data of inserts
Switch-on time:	1 second test mode, Approx. 10 sec to 30 min
Brightness:	Approx. 10 to 1000 lux



Detection field

Function
A presence detector is used to switch on the light indoors in case of detection, depending on the brightness, and to then switch it off when no longer needed, i.e. it is bright enough without lighting or no one is nearby. The "presence" of a person is detected, depending on the set brightness. A presence detector is capable of evaluating even slight motion (fine movement) as is typical when working in offices.

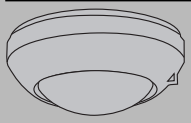
The presence detector is only mounted to ceilings and monitors an area below it.

The Comfort presence detector reacts to the movement of heat triggered by people, animals and objects. When a movement is detected below an adjustable brightness value, the light is switched on. The device remains switched on as long as further movements are detected and the lighting is required.

Constant light control
When used on a dimming insert, constant light control is possible. This means the lighting is dimmed so that the brightness is held constant at the desired value set on the presence detector.
The lighting is dimmed or switched off when daylight grows stronger. The lighting is switched on or made brighter when daylight weakens.
The dimming procedure is designed in such a way that the user hardly even notices the light control.

For expansion of the detection field, the presence detector is combined with an auxiliary insert for presence detectors (3-wire) and connected to the main unit.

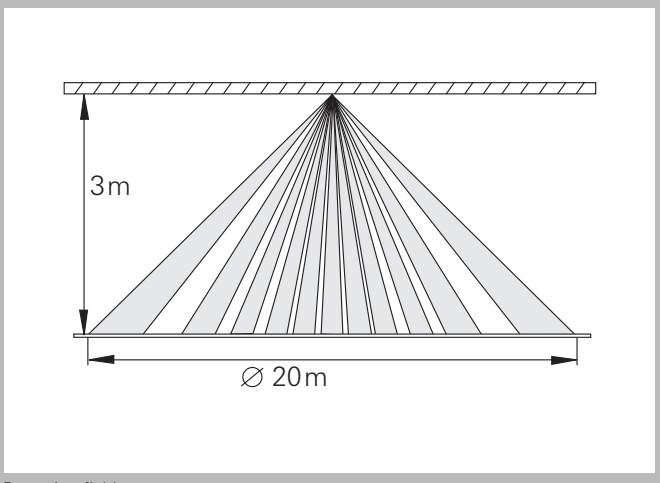
The Comfort presence detector is not suitable for alarm systems.



System 2000 automatic control switch 360°

2270 02
2270 04

	Technical data
Angle of detection:	360°
Nominal range:	∅ 20 m
Installation height for nominal range:	3 m
Number of lenses/detection levels:	78 / 5
Rated voltage:	See System 2000 insert
Contact rating:	See technical data of inserts
Switch-on time:	1 second test mode, Approx. 10 sec to 30 min
Brightness:	Approx. 2 to 80 lux



Detection field

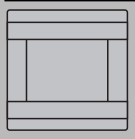
Function
The automatic control switch 360° will be used together with the System 2000 inserts as of release R2 (check ID on radio actuators).
It is built into the ceiling and monitors the area below it.

The automatic control switch 360° switches illumination depending on movement and ambient brightness. For this purpose, the automatic control switch 360° detects movements of heat from people, animals or objects.

- Light is switched on:
  Brightness has fallen below the set brightness threshold and the monitored area is entered.
- Light is switched off:
  No more movement is detected and the delay time has expired

Range of coverage
The diameter of the range of coverage is dependant on the installation height and the direction of movement. The maximum diameter on the ground is approx. 12 m to 20 m for an installation height of 3 m.

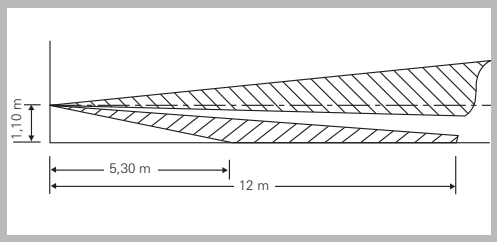
Further properties
- Expansion of the range of coverage through use of auxiliary units (accessories).
- Manual operation with auxiliary unit or push button, NO contact.
- Daytime operation.
- Test mode/short-term operation.
- Saving a memory value, with dimming inserts.
- Dimming of the light, with dimming inserts.
- Display LED.

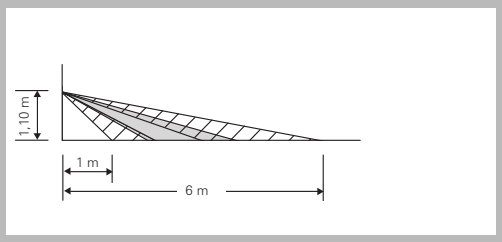


	Standard top unit 1,10	Comfort top unit 1,10	Standard top unit 2,20	Comfort top unit 2,20
	1300 ..	**0661 ..**	**1301 ..**	**0671 ..**
Angle of detection:	Approx. 180°	Approx. 180°	Approx. 180°	Approx. 180°
Power-on time:	Approx. 2 min	Approx. 10 sec to 30 min	Approx. 2 min	Approx. 10 sec to 30 min
Brightness value:	Approx. 0 to 80 lux	Approx. 0 to 80 lux	Approx. 0 to 80 lux	Approx. 0 to 80 lux
Sensitivity:	Approx. 20 % to 100 %	Approx. 20 % to 100 %	Approx. 20 % to 100 %	Approx. 20 % to 100 %
Temperature range:	- 20 °C to + 45 °C	- 20 °C to + 45 °C	- 20 °C to + 45 °C	- 20 °C to + 45 °C

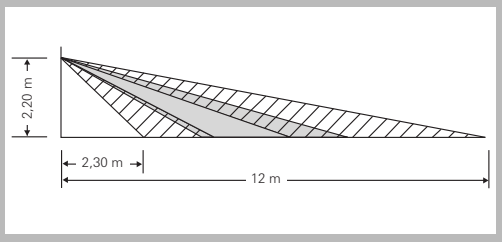
Ranges of coverage

Installation height 1.10 m:

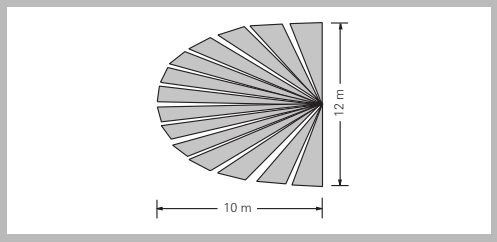


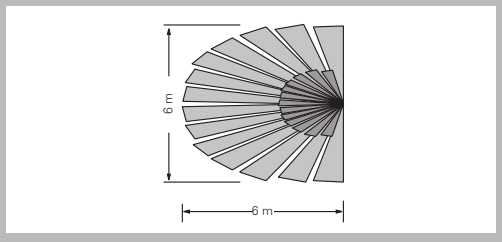


Installation height 2.20 m:

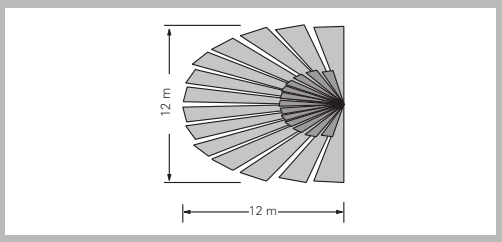


Installation height 1.10 m:

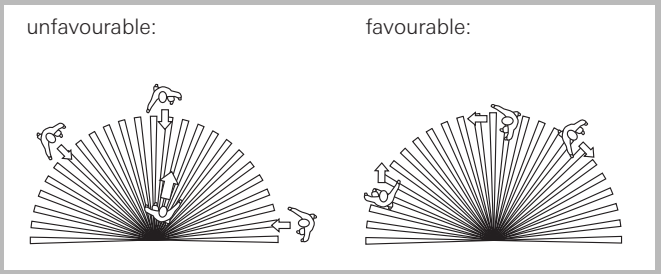




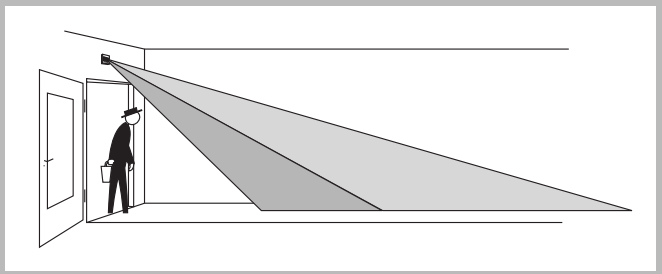
Installation height 2.20 m:



Choosing installation site



Direction of travel and motion detection



Installation over a door (not ideal)

In principle, automatic switches can be installed instead of normal light switches, for example, directly next to entry doors.

Motion detection is best, however, when the moving object interrupts as many detection beams as possible. The installation position should thus be chosen accordingly.

Positioning over a door in the monitored room is not always ideal if it is necessary to walk a few steps into a dark corridor before the detection field is reached.

It is better in this case to install further into the room, so that the door lies at the edge of the range of coverage.

Planning information for radio bus system/eNet system

You can achieve optimum radio connections and fully make use of the ranges of radio components by observing the following ground rules:

- The antennae of the transmitters and receivers should, to the greatest extent possible, all be aligned vertically or horizontally.
- The length of antennae may not be changed, as they are perfectly matched to the wavelength of the frequency.
- Large metal surfaces, such as metal doors and frames, aluminium blinds or metal cabinets should be kept at a great a distance as possible (several decimetres).
- A minimum distance of 10 cm is to be maintained between two receivers.
- A minimum distance of 30 cm is to be maintained between transmitters and receivers.
- Electronic devices, such as motors, electronic control gear and Tronic transformers, must be kept at least 50 cm away.
- Radio components of other function groups, e.g. radio headphones or cordless telephones, must be kept at least 3 m away.

In addition, when selecting the mounting sites, observe the following items in particular:

- We recommend checking the planned system in the building with the respective devices (e.g. from the radio presentation case) for a reliable radio connection before using radio components. Here, you should also take the state of construction of the building, e.g. degree of drying out of spackle and plaster, and the existing doors and armour or hangings of the windows into account.
- Transmitters and receivers are not to be mounted near the ground. We recommend not mounting it lower than 0.5 m from the ground.
- Transmitters and receivers are not to be installed behind metal or conductive surfaces, such as anti-static floors, sounding with metal cladding, cable lines, metal louvered ceilings and hot-water and electrical floor heating.
- To correct irregular reception, it is often sufficient to move the transmitter or receiver a few centimetres. This reception interference often occurs due to shadowing, obliteration, or reflections of the radio signal as sometimes occur with car radios and mobile telephones, for example.

Reliable radio signal transmission is also supported by a radio channel which is not burdened too heavily.

- When using radio receivers, no other radio transmitter may be operated so as to avoid telegram overlapping.
- Within a single "radio zone", a radio telegram may only be repeated via a repeater. Otherwise, telegram overlapping would occur here as well. The repeater should be installed in a sensible place, i.e. halfway between the transmitter and receiver.
- No more than eight presence detectors should be used within a "radio zone". With constant presence in all detection areas of these signallers, the radio channel could be heavily burdened due to the high frequency of telegrams from the presence detectors.

Taking the following product specifications into account supports reliable telegram transmission in the radio bus system:

- The radio presence detector may only be operated with alkaline batteries, as only these have sufficient pulse current capacity.
- The push button cables of the multi-function transmitter may only be extended to max. 5 m with paired, twisted cables for each input and a cross section of approx. 0.2 mm². Unused cables must be insulated.
- A repeater should be installed as close as possible to the midpoint between transmitters and receivers and also not near other transmitters or receivers. A minimum distance of 1 m should be heeded here to prevent saturation.

Radio bus system/eNet system

Radio transmission occurs on a non-exclusive transmission path, and interference cannot be excluded for this reason. The radio transmission is thus not suitable for security purposes, e.g. emergency-stop, emergency call etc.

If walls and ceilings are to be penetrated along the transmission path (Fig. 1), the radio range depends considerably on the type of construction materials to be penetrated and the effective wall thickness. The table shows the capability of radio signals to penetrate different materials.

Dry material	Penetration
Wood, plaster, sheetrock	approx. 90 %
Brick, pressboard	approx. 70 %
Reinforced concrete	approx. 30 %
Metal, metal screens, aluminium cladding	approx. 10 %
Important:	Moisture in the material reduces penetration

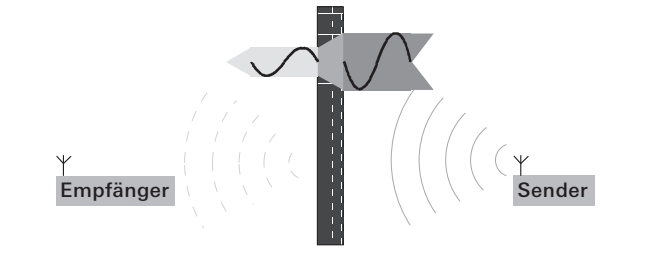


Fig. 1: Attenuation reduces the strength of the radio signal

Due to this multitude of influences, the evaluation of radio paths in buildings is very difficult. For this reason, the range specified in the free field (Fig. 2) refers to uninfluenced dissemination of the radio waves and optimally aligned antennae. In general, this is 100 m for radio bus systems.
Requirements for the measurement of field ranges:

- level area
- horizontal distance to interfering objects from each point of the line connecting the transmitter and receiver > 20 m
- height of the measured objects above the ground > 2 m
- Alignment of the measured objects for optimum contact
- Moist ground

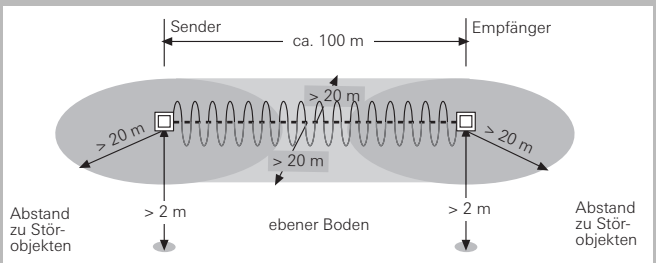
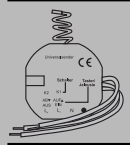


Fig. 2: Measurement of the range

Dependence of the transmission ranges on the installation height:

Theoretical transmission ranges	Installation height of the receiver
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
Conditions:	- The installation height of the transmitter is 2 m - Moist ground



Radio universal transmitter 2

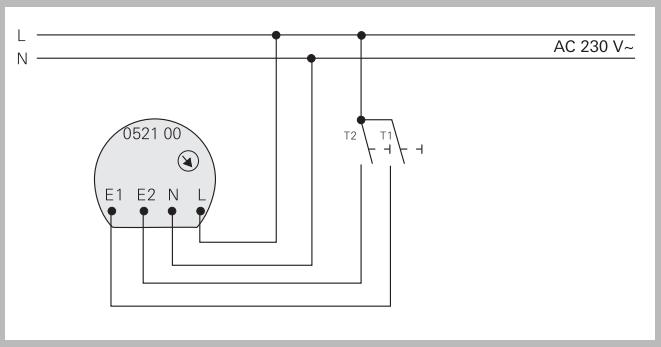
0521 00

Technical data	
Power supply:	230 V AC, 50 Hz
Transmission range:	Approx. 100 m (in free field)
Temperature range:	-20 °C to +55 °C
Dimensions (∅ x H):	52 x 23 mm
Protection type:	IP 20

Operating modes

The radio universal transmitter has three operating modes:

- Mode 1: 2-channel dimming (E1 and E2)
- Mode 2: 2-channel switching (E1 and E2)
- Mode 3: 1-channel blind or dimming (E1/E2)



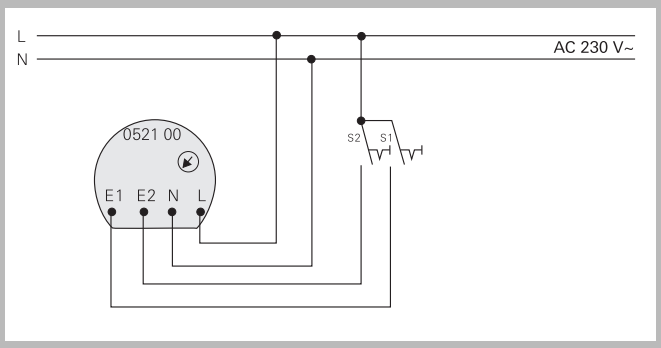
Connection of conventional push buttons (NO contacts T1, T2).

The following operating modes can be set with the connection of conventional push buttons:

Mode 1: 2-channel dimming
For independent control of two radio dimming actuators. Pressing the push button leads to switching (toggling) of the telegram type in the transmitter.

Mode 2: 2-channel switching
For independent control of two radio switching actuators. The "Bell operation" special function is carried out. When the push button is closed, the universal transmitter sends switch-on telegrams, and when it is opened, switched-off telegrams.

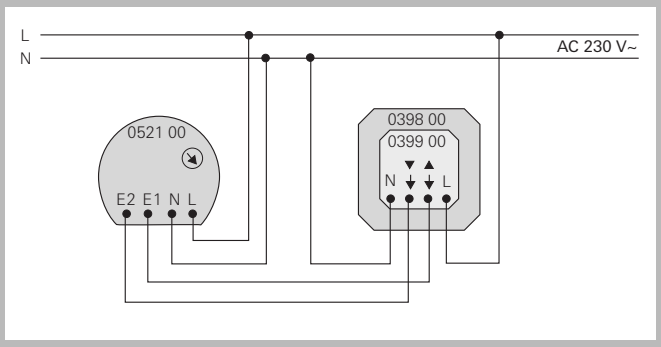
Mode 3: 1-channel dimming
For controlling a radio dimming actuator. T1: switch on, brighten or T2: switch off, dim.



Connection of conventional switches (NO contacts S1, S2).

The following operating mode can be set with the connection of conventional switches:

Mode 2: 2-channel switching
For independent control of two radio switching actuators. The universal transmitter sends switch-on telegrams for closing and switch-off telegrams for opening.

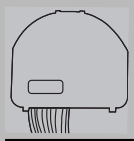


Connection of a blind switch

The following operating mode can be set when blind switches or a blind control insert is connected:

Mode 3: 1-channel blinds
For controlling a radio blind actuator. The universal transmitter sends blind telegrams (brief/long-time operation) for a channel.

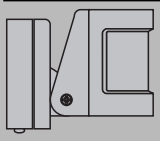
Note:
The radio universal transmitter may not be connected parallel to a blind motor.



Radio multi-purpose transmitter
4-gang

0441 00

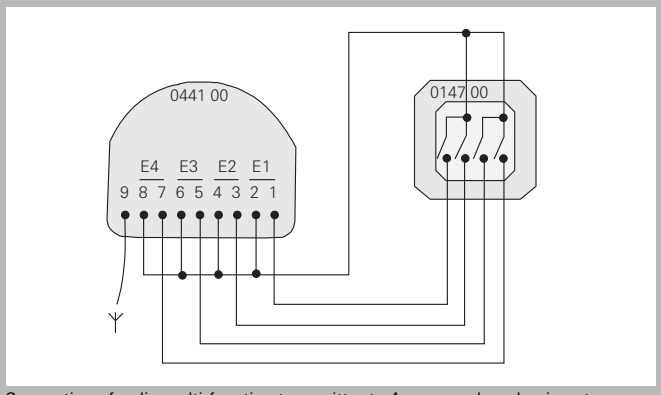
	Technical data
Power supply:	3 V DC
Battery:	1 x Lithium cell CR 2032
Length of connection lines:	Approx. 30 cm
Transmission range:	Max. 100 m (in free field)
Temperature range:	-20 °C to +55 °C
Relative humidity:	Max. 65 % (without condensation)
Protection type:	IP 20
Dimensions (L x W x H):	45 x 40 x 10 mm



Radio controlled observer 180/16

0826 02

	Technical data
Rated voltage:	9 V DC
Battery type:	9 V monobloc battery
Power consumption daytime operation: night time operation: radio transmission:	 Approx. 0.14 mW Approx. 0.27 mW Approx. 27 mW
Range:	Approx. 100 m (free field)
Detection radius:	180°
Detection field:	16 m x 32 m
Installation height:	Approx. 2.40 m
Sensitivity:	20 % to 100 %
Working range:	3 to 100 Lux, ± 50 % normal sensor operation: 80 Lux sensor retriggering: 200 Lux
Sensor is off:	> 200 Lux
Temperature range:	-25 °C to +55 °C
Protection type:	IP 55
Note:	The radio controlled observer is not tamper-proof and is thus not suitable for use in alarm systems.



Connection of radio multi-function transmitter to 4-gang push rocker insert

Function
The radio multi-purpose transmitter is a battery-operated 4-channel radio transmitter. At the four inputs, E1 through E4, it detects switching states of zero-voltage installation switches or buttons.

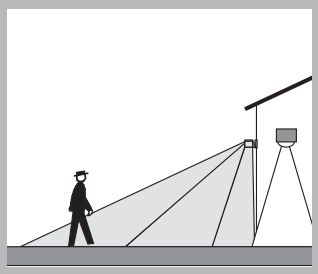
Operating modes
A 5-gang micro-switch enables the selection of 8 different operating modes.

- single-surface operation with installation push buttons
- double-surface operation with installation push buttons
- connection of installation switches (NO contact)
- connection of installation switches (NC contact)
- all ON, all OFF, light scenes 1 and 2
- all OFF, light scene 1 to 3
- all OFF, light scene 3 to 5
- light scene 1 to 4

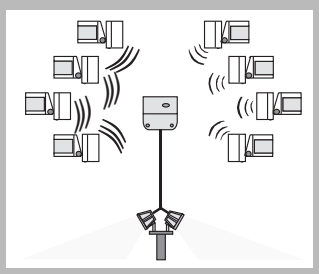
Operation
Single-surface operation:
Connection of a push button to a cable pair of the multiple-function transmitter. The operating area of the button is used for switching on and off or to brighten or dim the light.

Double-surface operation:
Connection of, for example, a double push button to two cable pairs of the multiple-function transmitter. One operating area is used for switching on, brightening or moving a blind up, while the other operating area is used for switching off, dimming or moving a blind down.

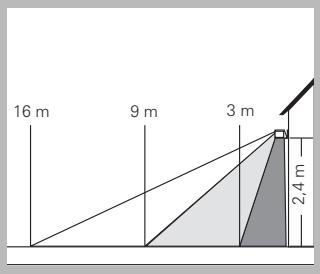
Note
The push button cable of the radio multiple-function transmitter may only be extended to max. 5 m with paired, twisted cables for each input and a cross section of approx. 0.2 mm².



Function
The radio controlled observer responds to movements of heat triggered by people, animals and objects and transmits this information to the radio power section. The radio power section evaluates the information and switches the device(s) on.

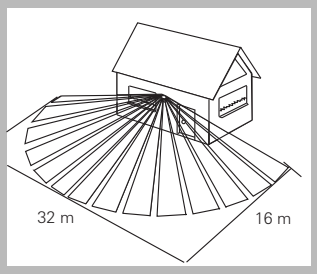


The radio controlled observer is operated with a 9 V block battery and therefore requires no supply line. Visual indicators signal the response of the devices. The device remains switched on as long as movements are detected. Otherwise, it switches the radio power section off after the set delay time.

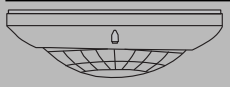


Detection field of radio controlled observer
The radio controlled observer has a tight, half circle-shaped detection field with three levels and 144 switching segments.

The specified range refers to the installation height 2.40 m.



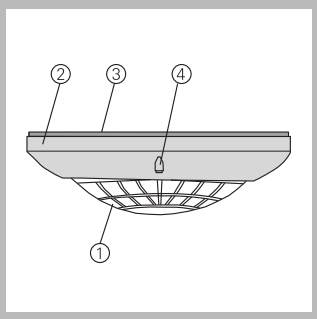
The three monitoring levels are defined as follows:
Immediate area:
approx. 0 m to 3 m
Mid-range area:
approx. 3 m to 9 m
Distant area:
approx. 9 m to 16 m



Radio presence detector

0318 02
0318 04

	Technical data
Rated voltage:	6 V DC
Batteries:	4 x 1.5 V Micro LR03 (AAA) alkaline
Note:	Do not use zinc-carbon batteries (R 03) or accumulators.
Transmission range:	Max. 100 m in free field
Angle of detection:	360°
Installation height for	2.5 m
Nominal range:	Approx. ∅ 5 m (desk height)
Nominal range:	Approx. ∅ 8 m (floor)
Delay time:	Approx. 2 minutes to 1 hour
Brightness:	Approx. 3 to 2000 lux
Temperature range:	0 °C to 45 °C
Protection type:	IP 20
Dimensions ∅ x H:	103 x 42 mm



Presence detector device description

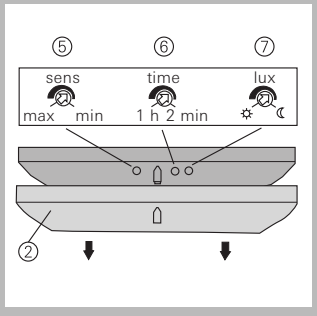
The presence detector consists of:

① Sensor window with subjacent LED

② Ornamental ring

③ Base plate

④ Button



Arrangement of controllers

Three controllers are found under the ornamental ring ② and are use to set:

⑤ Sensitivity

⑥ Time duration

⑦ Desired brightness value

Installation site selection

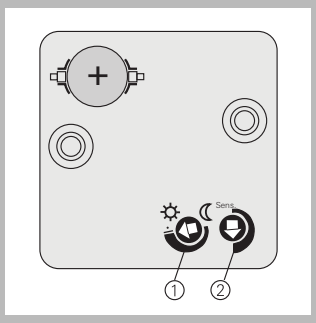
The presence detector is mounted to the ceiling of the room and monitors an area below it. The actual brightness value measured at the presence detector consists of the reflected artificial light and daylight and depends on the reflective properties of the surface. Avoid direct sunlight in the sensor window. This can damage the sensors.

The detection field can be confined with the included clip-on screen. Mount the presence detector in a vibration-free spot and not directly near sources of heat (e.g. lights, radiators), fans or ventilation shafts. Cooling lighting elements or movements of air (e.g. due to opened window) can be detected and cause undesired switch-on.

Radio automatic control switch

1306 ..

	Technical data
Rated voltage:	3 V DC
Battery:	Lithium round cell (CR 2450)
Transmission range:	Max. 60 m (free field)
Brightness threshold:	0 Lux to 80 Lux; and daytime operation
Operating temperature:	+5 °C to +35 °C
Relative humidity:	Max. 65 % (without condensation)
Protection type:	IP 20
Angle of detection:	Approx. 180°
Detection field:	Approx. 10 m x 12 m
Installation height:	1.10 m



Back of the radio automatic control switch

On the back of the radio automatic control switch there are 2 potentiometers for setting of:

① Brightness threshold

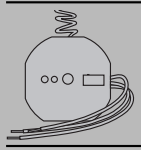
② Sensitivity

Function

The radio automatic control switch reacts to the movement of heat triggered by people, animals and objects. It sends a radio telegram when corresponding darkness occurs. The telegram is evaluated from all switching and dimming actuators as well as the radio power section.
The actuators switch the connected lighting on and remain switched on as long as movements are detected. Otherwise they are switched off after expiration of a delay time. The delay time is approx. 1 min for radio switching or dimming actuators.

Behaviour of controlled radio actuators

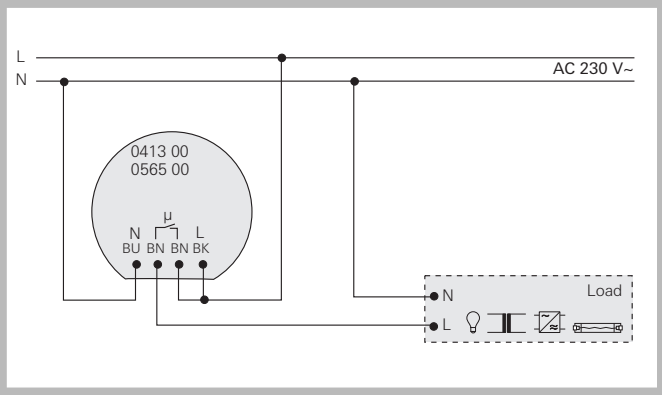
If the automatic control switch telegram is received by switching actuators that are first manually switched on, the lighting will not be switched off by the automatic control switch after expiration of the delay time. Switching off must be done manually.
If the automatic control switch telegram is received by activated dimming actuators in which a manually set lighting brightness is different than the stored switch-on brightness, the memory value is produced when the telegram is received as long as movement is detected. After expiration of the delay time, the manually set brightness is established once again.
If the setpoint brightness is exceeded by manually switching on the lighting before an initial detection has taken place, no motion detection will be carried out.



Radio switching actuator mini 0413 00

Radio momentary-contact actuator mini 0565 00

	Technical data
Rated voltage:	230 V AC, 50/60 Hz
Switching contact:	Relais, µ contact, 8 A
Contact rating:	- 1000 W light bulbs - 1000 W HV halogen - 750 VA LV halogen with conventional transformer with at least 85 % rated load - 750 W LV halogen with Gira Tronic transformer - 500 VA fluorescent lamps, not compensated - 400 VA fluorescent lamps, parallel comp. (47 µF) - 1000 VA fluorescent lamps, duo-circuit
Circuit breaker:	10 A
Temperature range:	-20 °C to +55 °C
Relative humidity:	Approx. 0 % to 65 %
Protection type:	IP 20
Dimensions (∅ x H):	52 x 23 mm
Central hole:	∅ 7.5 mm



Connection of radio switching actuator, mini

Switching socket outlets
When switching socket outlets with the radio switching actuator, the socket outlet circuit must be fuse-protected with a 10 A circuit breaker and the socket outlet must be marked.

Energy saving lamps
Energy saving lamps generate very high current spikes during switch-on, which could lead to gluing of the switching contact. For this reason, check the suitability of the lamps before using them (see also page 665 / **i** 77).

Note
The NO contact is only isolated from the phase with a base insulation inside the device, and therefore only the following load potentials can be connected:

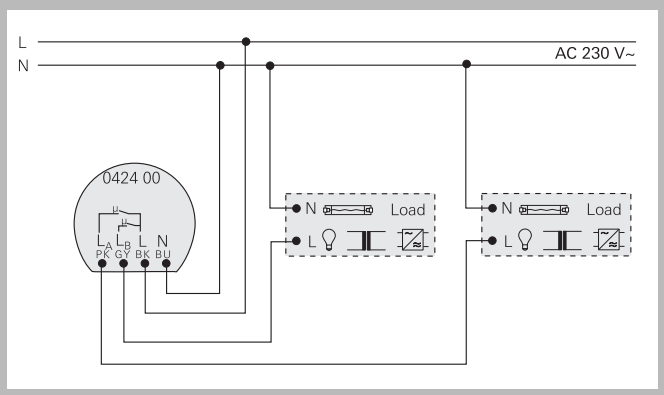
- functional extra-low voltage (FELV)
- a phase L (230 V AC) to neutral conductor N

Warning
Do not connect safety extra-low voltage (SELV), as the level of protection is negatively affected by this. Do not connect device to different external conductors.

Radio switching actuator mini 2 channel

0424 00

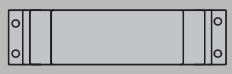
	Technical data
Rated voltage:	230/240 V AC, 50/60 Hz
Switching contacts:	Relay 6 A (only with ohmic load)
Contact rating per channel:	- 350 W light bulbs - 300 W HV halogen - 350 VA LV halogen w/ conv. transformer with at least85 % rated load - 300 W LV halogen with Gira Tronic transformer - 350 VA fluorescent lamps uncompensated
Circuit breaker:	10 A
Number of possible transmitters:	Max. 7 per channel
Temperature range:	-20 °C to +55 °C
Relative humidity:	0 % to 65 %
Protection type:	IP 20
Dimensions (∅ x H):	52 x 23 mm
Central hole:	∅ 7.5 mm



Connection of radio switching actuator, mini, 2-channel

Switching socket outlets
When switching socket outlets with the radio switching actuator, the socket outlet circuit must be fuse-protected with a 10 A circuit breaker and the socket outlet must be marked.

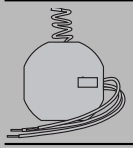
Energy saving lamps
Energy saving lamps generate very high current spikes during switch-on, which could lead to gluing of the switching contact. For this reason, check the suitability of the lamps before using them (see also page 665 / **i** 77).



Radio switching actuator

0404 00

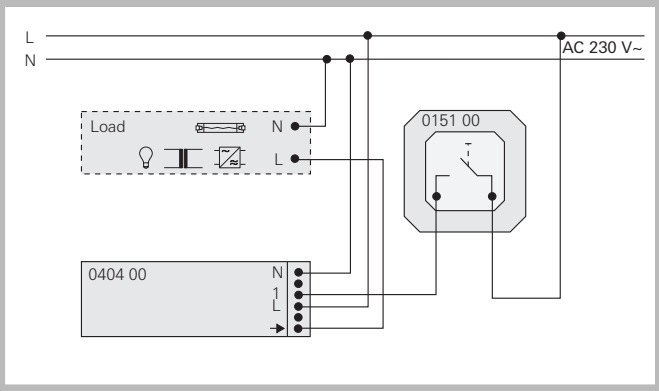
	Technical data
Voltage:	230 V AC, 50/60 Hz
Switching contact:	Relay 10 A
Contact rating:	- 2300 W light bulbs - 2300 W HV halogen - 1000 VA LV halogenlamps w/ conv. transformer - 1500 W LV halogen with Gira Tronic transformer - 1200 VA fluorescent lamps uncompensated - 920 VA fluorescent lamps parallel compensated - 2300 VA fluorescent lamps duo-circuit
Temperature range:	-20 °C to +55 °C
Dimensions:	175 x 42 x 18 mm



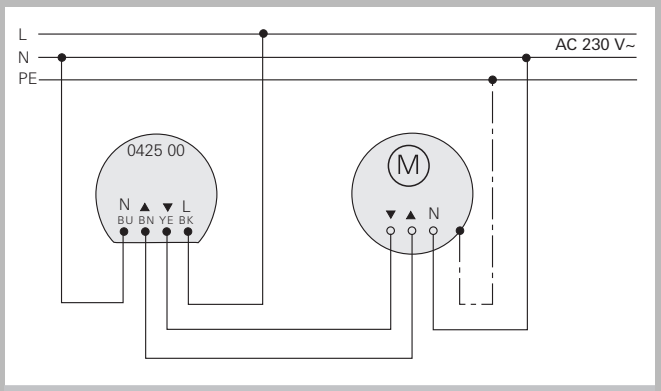
Radio blind actuator mini

0425 00

	Technical data
Rated voltage:	230 V AC, 50/60 Hz, (N conductor required)
Contact rating:	Max. one motor 700 VA
Relay output:	Two NO contacts (equipotential bonding and locked against one another)
Circuit breaker:	10 A
Switching time with directional change:	Approx. 1 second
Extended run:	Approx. 2 min
Temperature range:	-20 °C to +55 °C
Relative humidity:	0 % to 65 %
Protection type:	IP 20
Dimensions (∅ x H):	52 x 23 mm
Central hole:	∅ 7.5 mm

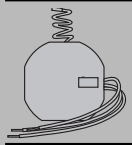


Connection of radio switching actuator with auxiliary unit



Connection of radio blind actuator, mini

Energy saving lamps
Energy saving lamps generate very high current spikes during switch-on, which could lead to gluing of the switching contact. For this reason, check the suitability of the lamps before using them (see also page 665 / **i** 77).

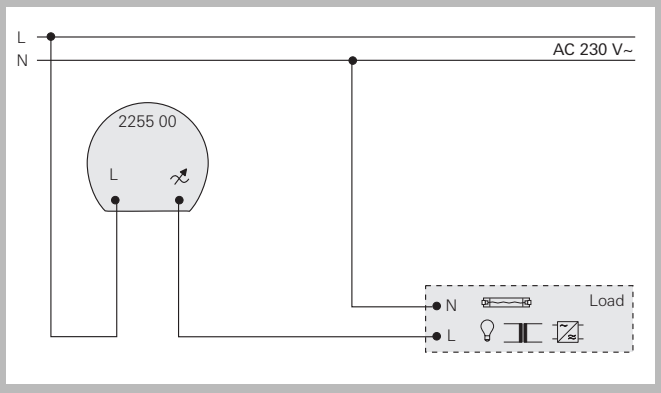


R,L,C

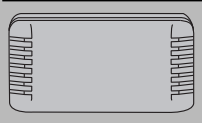
Radio universal dimmer mini

2255 00

	Technical data
Rated voltage:	230 V AC, 50/60 Hz,
Connected load:	50 to 420 W/VA
Relay output:	- 230 V light bulbs, ohmic load, **trailing** edge - HV halogen, ohmic load, **trailing** edge - Gira Tronic transformers, capacitive load, **trailing** edge or - Conventional transformers, inductive load, leading edge mixed loads of specified load types (not capacitive with inductive loads). For mixed loads with conventional transformers, do not exceed a 50 % ohmic load (light bulbs, HV halogen lamps).Two NO contacts (equipotential bonding and locked against one another)
Temperature range:	0 °C to +45 °C
Relative humidity:	15 % to 50 %
Protection type:	IP 20
Dimensions (∅ x H):	52 x 27 mm



Connection of radio universal dimmer mini

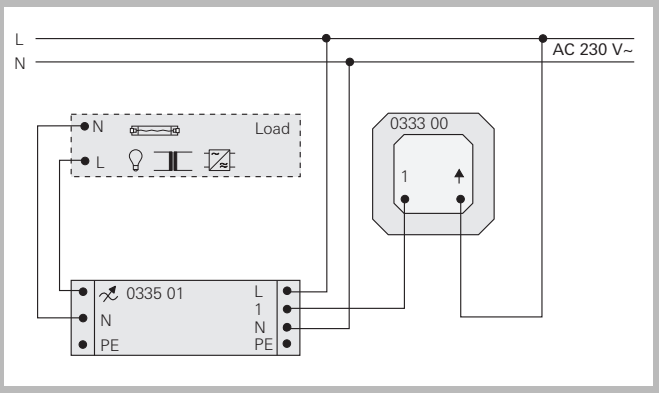


R,L,C

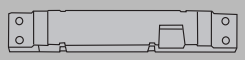
Radio universal cord dimmer

0335 01

	Technical data
Power supply:	230 V AC, 50/60 Hz
Connected load:	50 to 315 VA
	- 230 V light bulbs (ohmic load, **trailing** edge) - HV halogen (ohmic load, **trailing** edge) - Gira Tronic transformers (capacitive load, **trailing** edge) or - Conventional transformers (inductive load, **leading** edge) - Mixed loads of the specified load types **(do not mix capacitive with inductive loads!)**. For mixed loads with conventional transformers, do not exceed a 50 % ohmic load (light bulbs, HV halogen).
Power boosts to be connected:	Max. 10
Temperature range:	0° C to +55 °C
Protection type:	IP 20
Dimensions (L x W x H):	126 x 60 x 28 mm



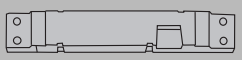
Connection of radio universal cord dimmer with auxiliary unit



Radio universal dimmer in surface-mounted installation housing

0809 00

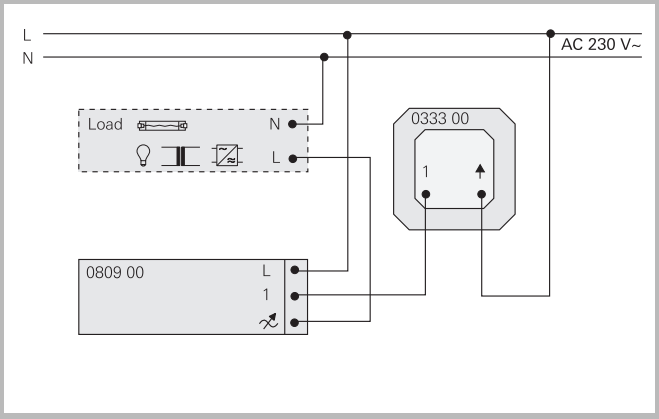
	Technical data
Power supply:	230 V AC, 50/60 Hz
Connected load:	50 to 315 VA - 230 V light bulbs (ohmic load, **trailing** edge) - HV halogen (ohmic load, **trailing** edge) - Gira Tronic transformers (capacitive load, **trailing** edge) or - Conventional transformers (inductive load, **leading** edge) - Mixed loads of the specified load types **(do not mix capacitive with inductive loads!).** For mixed loads with conventional transformers, do not exceed a 50 % ohmic load (light bulbs, HV halogen).
Power boosts to be connected:	Max. 10
Auxiliary unit quantity:	Unlimited
Cable recommendation for effective strain relief:	H 05 VV-F 3 x 1.5
Temperature range:	0 °C to +55 °C
Protection type:	IP 20
Dimensions (L x W x H):	187 x 28 x 28 mm



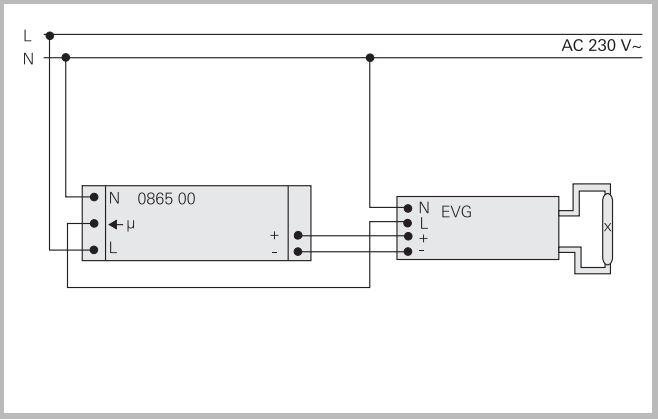
Radio control unit 1-10 V in surface mounted installation housing

0865 00

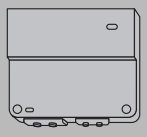
	Technical data
Power supply:	230 V AC, 50/60 Hz
Control voltage:	1-10 V
Control current:	Max. 15 mA
Electrical isolation 1-10 V:	2 kV base insulation
Switching contact:	µ relay contact
Connected load:	- max. 1800 W ohmic load - electronic ballast and transformer are type-dependent
Circuit breaker:	10 A
Temperature range:	0 °C to +55 °C
Dimensions (L x W x H):	187 x 28 x 28 mm



Connection of radio universal dimmer with auxiliary unit



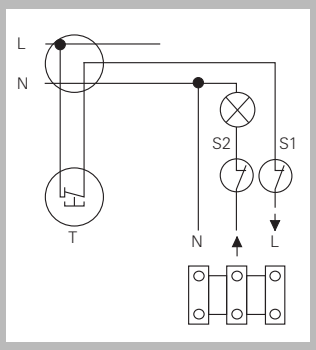
Connection of radio control unit



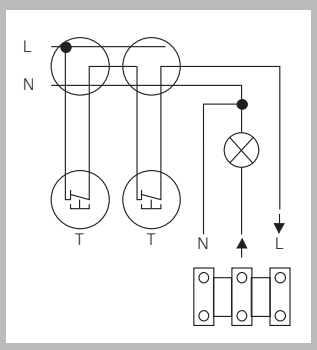
Surface-mounted radio power section

0843 02

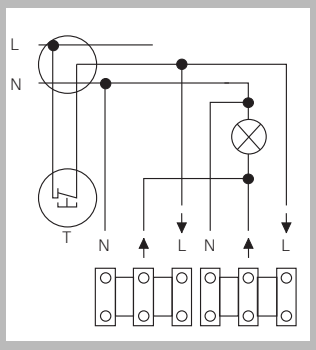
	Technical data
Rated voltage:	230 V AC, 50/60 Hz
Switching contact:	Relay
Contact rating:	- 2300 W light bulbs - 2300 W HV halogen - 1000 W LV halogen with w/ conv. transformer - 1500 W LV halogen with Gira Tronic transformer - 1200 W fluorescent lamps, not compensated - 920 WA fluorescent lamps, parallel compensation - 2300 W fluorescent lamps, duo-circuit
Note:	Note the high switch-on current spikes with "energy saving lamps". Check suitability of the lamps before use!
Circuit breaker:	10 A
Switch-on current:	Max. 20 A
Switch-on time:	Approx. 10 sec. to 15 min. ± 10 %, retriggering
Brightness setting:	Approx. 3 to 80 Lux, ± 10 %
Additional function:	pulse duration 200 to 600 ms time between pulses: 600 ms 1. Function 1 x pulse, on = switch-on time T 2. Function 2 x pulse, on = 2 h, ± 10 % 3. Function 3 x pulse, off = 2 h, ± 10 %
Temperature range:	-25 °C to +55 °C
Protection type:	IP 55
Dimensions (W x H x D):	110 x 94 x 38 mm



Switch-off of the radio power section
The radio power section is to be deactivated with switch S1 or S2.
Switch S1 triggers switching when the radio power section is switched on again, while S2 does not.

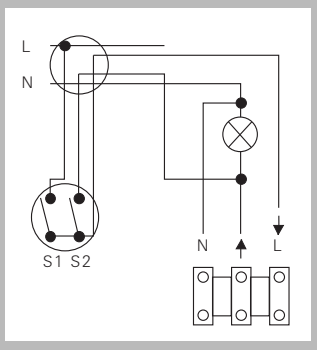


2-way wiring
Existing 2-way switches can be replaced with "T" push buttons (NC contact).



Connection of several radio power sections to one device
Push button "T" (NC contact)

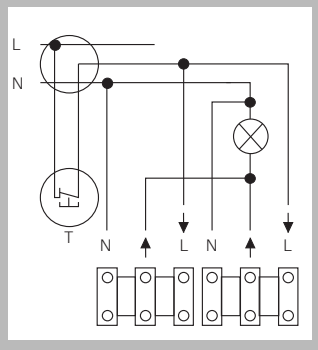
Attention:
Parallel connection does not increase the maximum connected load.



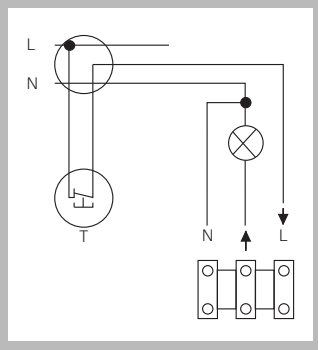
Automatic manual operation with series switch
S1 open, S2 open: all off.

S1 closed, S2 open: normal automatic mode.

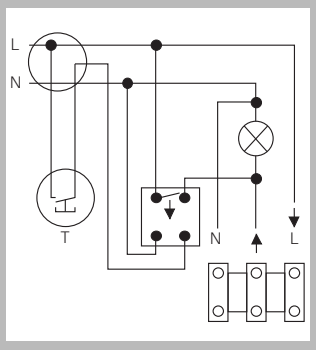
S1 closed, S2 closed: continuous light, manual operation, radio power section deactivated.



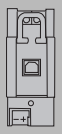
Connection of radio power section and devices
Existing installation



Connection of the radio power section
Replace existing switch "S" with "T" push button (NC contact). Actuating the push button for at least 200 ms triggers switching of the radio power section.



Parallel connection with automatic stairwell-lighting mechanism or remote-control switch
The illumination is switched on either by the automatic stairwell-lighting mechanisms or via the radio controlled observer.



Radio reception module DRA

1133 00

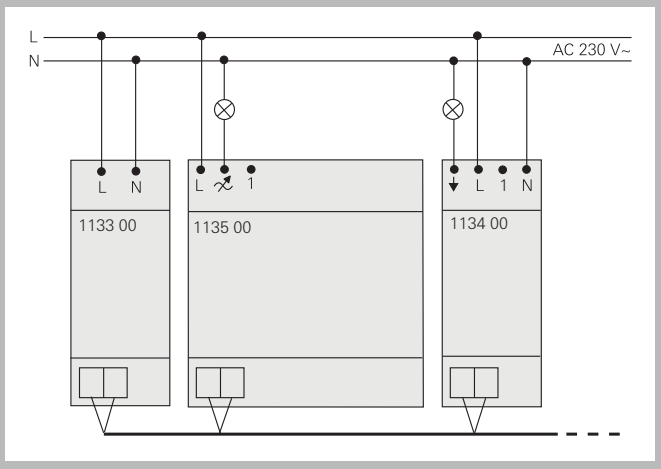
	Technical data
Power supply:	230 V AC, 50/60 Hz
Screw terminals:	- 1.5 to 4 mm² single-wire - 0.75 to 4 mm² fine-wire (without core jacket) - 0.5 to 2.5 mm² fine-wire (with core jacket)
Operating temperature:	Approx. 0 °C to +45 °C
Protection type:	IP 20
Installation width:	2 depth module



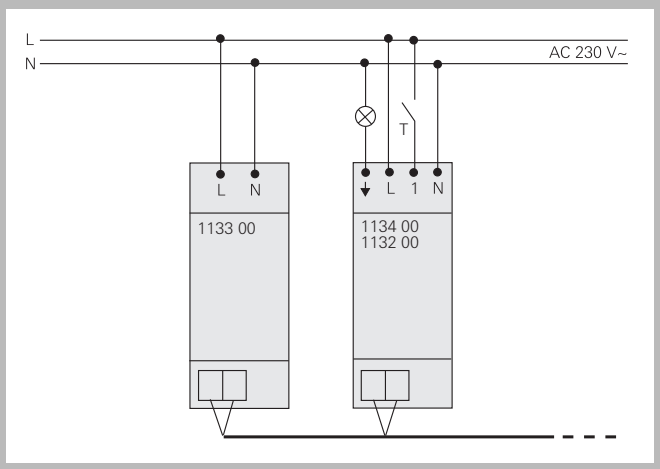
Radio switching actuator 1-gang DRA

1134 00
1132 00

	Technical data
Power supply:	230 V AC, 50/60 Hz
Switching contact:	Relay 10 A
Contact rating	- 2300 W light bulbs - 2300 W HV halogen - 1000 VA LV halogen with conventional transformer - 1500 W LV halogen with Gira Tronic transformer - 1200 VA fluorescent lamps, not compensated - 920 VA fluorescent lamps, parallel compensation - 2300 VA fluorescent lamps, dual switching
Screw terminals:	- 1.5 to 4 mm² single-wire - 0.75 to 4 mm² fine-wire (without core jacket) - 0.5 to 2.5 mm² fine-wire (with core jacket)
Operating temperature:	Approx. 0 °C to +45 °C
Protection type:	IP 20
Installation width:	2 depth module



Radio reception module DRA connection

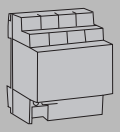


Radio switching actuator DRA connection

Installation and connection
Clip the DRA radio reception module to the DRA cap rail. Connect the device with the DRA radio actuators to a bus cable via the connection terminals. The bus cable must be a shielded cable (with twisted wires and a cable diameter of 0.8 mm). Examples of permissible bus cables: YCM 2 x 2 x 0.8 or J-Y(St)Y 2 x 2 x 0.8

Note
The entire length of the bus cable to the radio DRA actuators may not exceed 3 m.
The polarity of the individual bus cables may not be reversed.
Up to 30 radio DRA actuators may be connected to a DRA radio reception module.

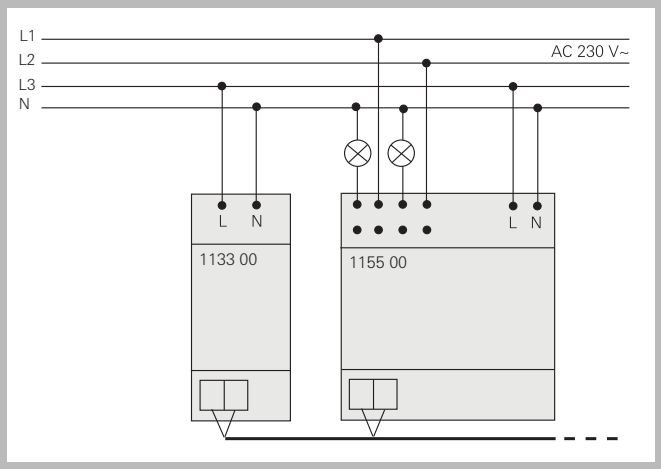
Auxiliary unit connection
With a T push button (NO contact) as the auxiliary unit (230 V), the radio switching actuator can be switched on and off back and forth. If the button is actuated longer than 4 sec., programming mode is activated.



Radio switching actuator 4-gang DRA with manual activation

1155 00

	Technical data
Power supply:	230 V AC, 50/60 Hz
Switching contact:	Relay 10 A
Contact rating	- 2300 W light bulbs - 2300 W HV halogen - 1000 VA LV halogen with conventional transformer - 1500 W LV halogen with Gira Tronic transformer - 1200 VA fluorescent lamps, not compensated - 920 VA fluorescent lamps, parallel compensation - 2300 VA fluorescent lamps, dual switching
Screw terminals:	- 1.5 to 4 mm² single-wire - 0.75 to 4 mm² fine-wire (without core jacket) - 0.5 to 2.5 mm² fine-wire (with core jacket)
Operating temperature:	Approx. 0 °C to +45 °C
Protection type:	IP 20
Installation width:	4 depth module

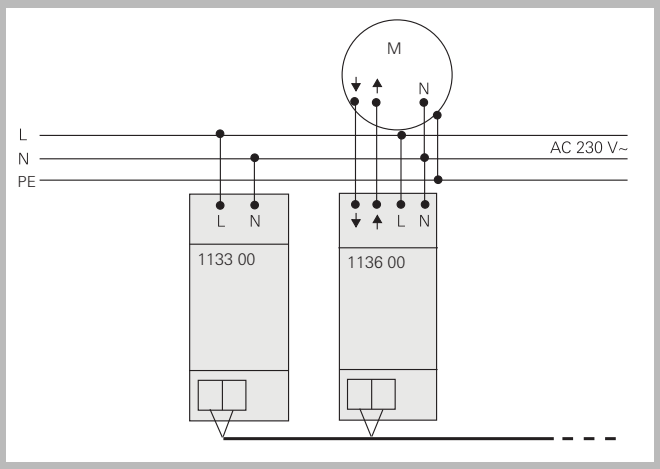


Radio switching actuator DRA connection

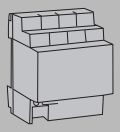
Radio blind actuator 1-gang DRA

1136 00

	Technical data
Power supply:	230 V AC, 50/60 Hz
Circuit breaker:	10 A
Contact rating:	Max. 700 VA
Relay output:	Two NO contacts (with equipotential bonding and locked against one another)
Screw terminals:	- 1.5 to 4 mm² single-wire - 0.75 to 4 mm² fine-wire (without core jacket) - 0.5 to 2.5 mm² fine-wire (with core jacket)
Switching time with directional change:	Approx. 1 second
Extended run:	Approx. 2 min
Operating temperature:	Approx. 0 °C to +45 °C
Protection type:	IP 20
Installation width:	2 depth module



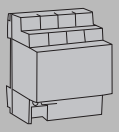
Radio blind actuator DRA connection



Radio universal dimming actuator, 1-gang DRA

1135 00

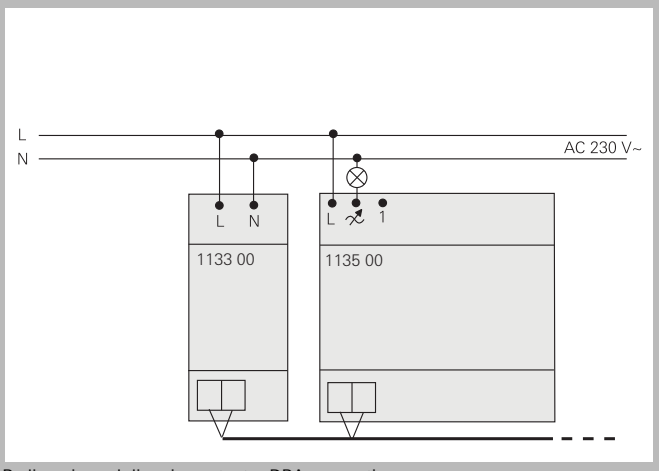
	Technical data
Power supply:	230 V AC, 50/60 Hz
Connected load:	50 to 400 W/VA - 230 V light bulbs (ohmic load, **trailing** edge) - HV halogen (ohmic load, **trailing** edge) - Gira Tronic transformers (capacitive load, **trailing** edge) or - Conventional transformers (inductive load, **leading** edge) - Mixed loads of the specified load types **(do not mix capacitive with inductive loads!)**.
Screw terminals:	- 1.5 to 4 mm² single-wire - 0.75 to 4 mm² fine-wire (without core jacket) - 0.5 to 2.5 mm² fine-wire (with core jacket)
Power boosts to be connected:	Max. 10
Auxiliary unit quantity:	Unlimited
Operating temperature:	Approx. 0 °C to +45 °C
Protection type:	IP 20
Installation width:	4 depth module



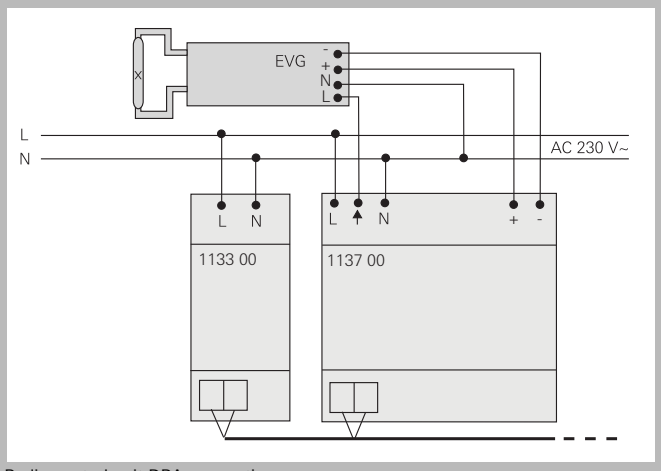
Radio control unit 1-10 V 1-gang DRA

1137 00

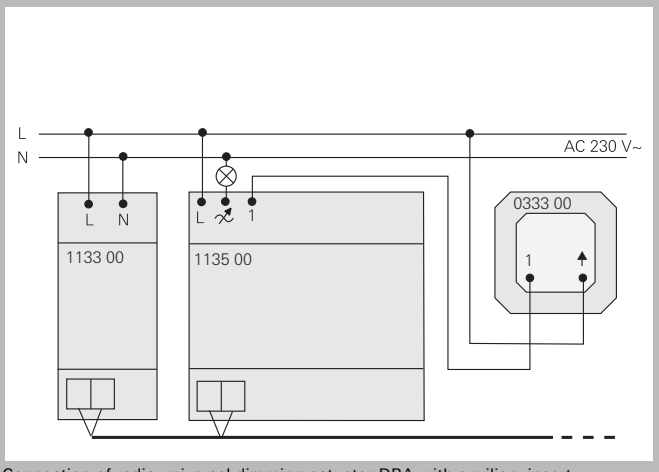
	Technical data
Power supply:	230 V AC, 50/60 Hz
Control voltage:	1-10 V
Control current:	Max. 15 mA
Electrical isolation 1-10 V:	2 kV base insulation
Switching contact:	µ relay contact
Connected load:	Max. 1800 W ohmic load electronic ballast and transformer are type-dependent
Power protection:	10 A
Screw terminals:	- 1.5 to 4 mm² single-wire - 0.75 to 4 mm² fine-wire (without core jacket) - 0.5 to 2.5 mm² fine-wire (with core jacket)
Operating temperature:	Approx. 0 °C to +45 °C
Protection type:	IP 20
Installation width:	4 depth module



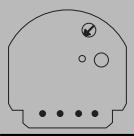
Radio universal dimming actuator DRA connection



Radio control unit DRA connection



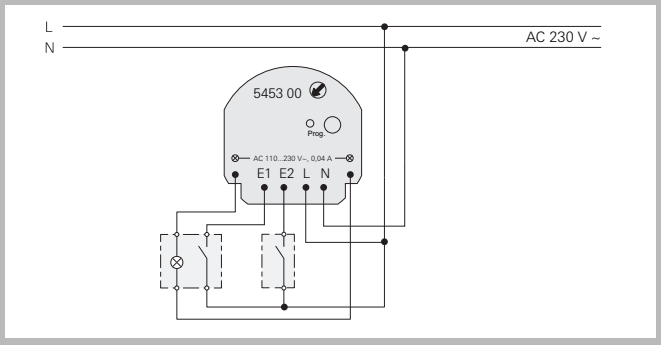
Connection of radio universal dimming actuator DRA with auxiliary insert



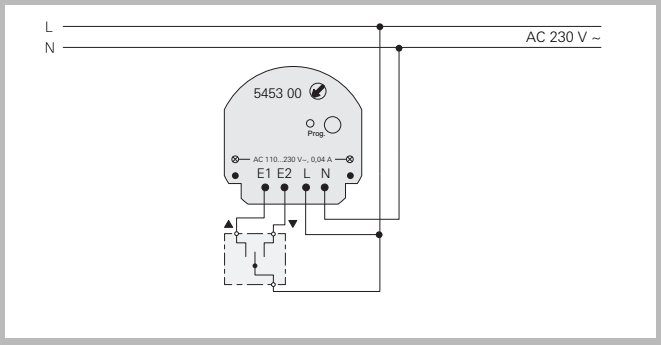
Radio universal transmitter, 2-gang Mini

5453 00

	Technical data
Power supply:	AC 110 ... 230 V, 50/60 Hz
Input current at rated voltage:	Max. 2 mA
Temperature range:	- 25 °C to + 70 °C
Dimensions (∅ x H):	53 x 23 mm
Radio frequency:	868.3 MHz



Connection of push button or serial buttons resp. push button and signal lamp



Connection of blind push button

Operating modes
The selection of operating modes is based on:

- type of actuators to be controlled
- the operation – single or double-surface operation
- the control – one push button per input, serial button, etc.

When a switching/dimming actuator or serial button is connected, the following operating mode can be set:

Operating mode:
1-gang switching/dimming:
Double-surface operation

Controlled by:
serial button.
E1: Pressing the push button briefly results in switching on. Pressing the push button for a long time results in brighter dimming.
E2: Pressing the push button briefly results in switching off. Pressing the push button for a long time results in darker dimming.

When a blind actuator, blind button, serial button or blind insert is connected, the following operating mode can be set:

Operating mode:
1-gang blind
Double-surface operation

Controlled by:
blind button, serial button or blind insert.
E1: Pressing the push button results in raising.
Releasing the push button results in stopping.
E2: Pressing the push button results in lowering.
Releasing the push button results in stopping.

When a switching and dimming actuator, 2 push buttons, are connected, the following operating mode can be set:

Operating mode:
2-gang switching/dimming
Single-surface operation

Controlled by:
2 push buttons.
E1, E2: Pressing the push button briefly results in alternating switching on/off.
Pressing the push button for a long time results in brighter/darker dimming.

Operating mode:
2-gang switching push buttons
Single-surface operation

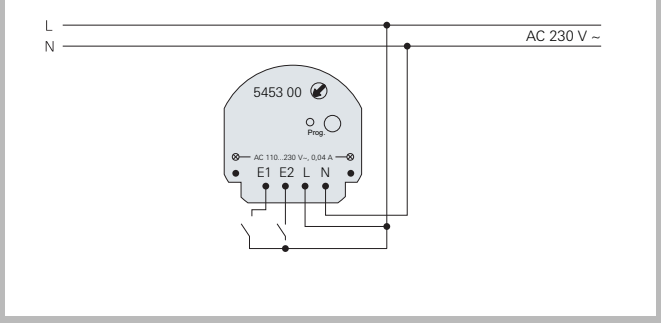
Controlled by 2 push buttons.
E1, E2: Pressing the push button results in switching on.
Releasing the push button results in switching off.
Pressing duration of max. 60 seconds.

PC operating mode
Operating modes which can be set using the eNet server.

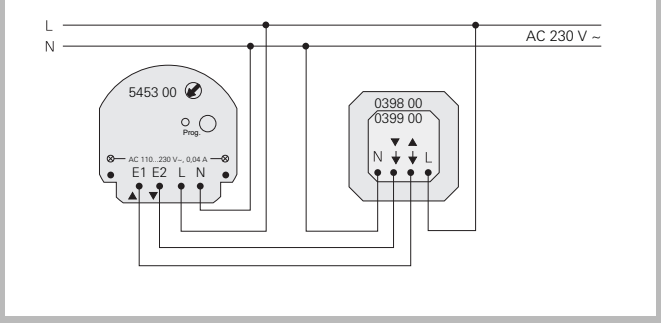
With the PC operating mode, the above-mentioned operating modes can be set, plus:

Operating mode:
2-gang blind

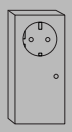
Operating mode:
Calling up/saving scenes



Connection of conventional switches



Connection of blind insert



Radio energy sensor, 1-gang intermediate plug

5472 02

	Technical data
Rated voltage/mains frequency:	AC 230 V, 50/60 Hz
Rated current:	16 A (I_L)
Measurement range:	0 mA to 16 A Electricity 0 to 3680 W Electrical power 0 to 99999 kWh Energy consumption
Temperature range:	- 5 °C to + 45 °C
Dimensions (W x H x D):	57 x 127 x 78 mm
Radio frequency:	868.3 MHz

Function

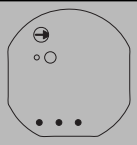
This device enables various electrical parameters of the connected device to be recorded. It is possible to display the values using the visualisation of the eNet server. All of the energy sensors in the building installation can be monitored at a glance via the eNet server.

Proper use

- Energy sensor for the radio transmission of voltage, electricity and energy values
- Operation with the eNet server from the eNet system

Product features

- Recording of electricity and voltage of the connected device
- Calculation of effective output, reactive power, apparent power and active electrical energy
- Event-controlled or time-controlled transmission of measurement value messages to the eNet server
- Time synchronisation with the eNet server

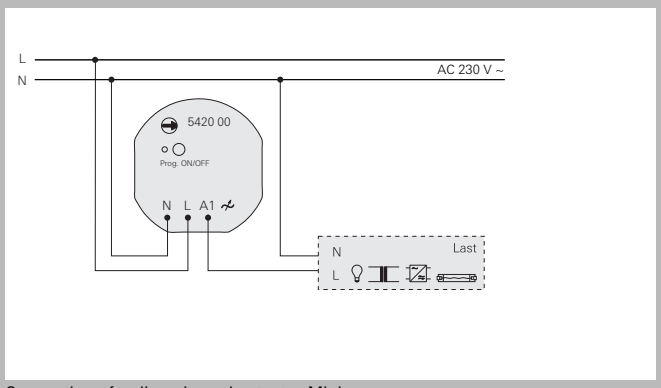




Radio dimming actuator, 1-gang Mini

5420 00

	Technical data
Rated voltage:	230 V AC, 50/60 Hz
Connected load:	20 to 250 W - Light bulbs - HV halogen lamps - Tronic transformers - Inductive transformers - Mixed loads: ohmic-inductive, ohmic-capacitive - Mixed load capacitive-inductive **not permissible** Typ. 7 up to 50 W - LED lamps - Compact fluorescent lamps
Standby power:	Max. 0.5 W
Temperature range:	- 25 °C to + 70 °C
Dimensions (∅ x H):	53 x 28 mm
Radio frequency:	868.3 MHz



Connection of radio universal actuator Mini

Operating mode selector switch:

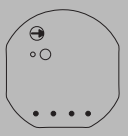
PC Set operating mode and parameters using eNet server.

R,L,C Measurement of the load, leading edge or trailing edge dimming principle.

LED Leading edge.

LED Trailing edge.

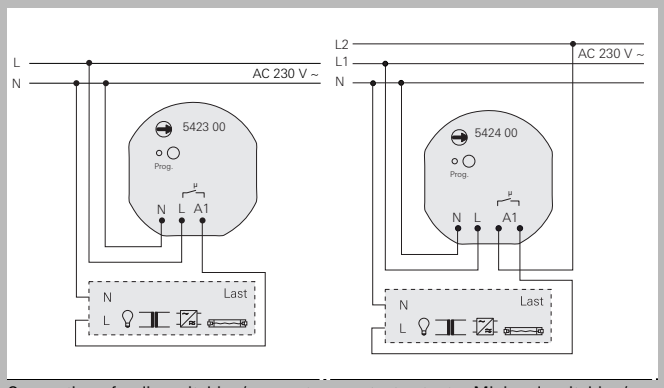
min. Minimum brightness



Radio switching/momentary-contact actuator, 1-gang 5423 00, Mini

Radio switching/momentary-contact actuator, 1-gang 5424 00, Mini, zero-voltage

	Technical data
Rated voltage:	230 V AC, 50/60 Hz
Connected load:	- 2300 W light bulbs - 1500 W HV halogen - 1500 W LV halogen with Tronic transformer - 1000 VA LV halogen with inductive transformer - 920 VA fluorescent lamps, not compensated - 690 VA (560 µF) capacitive load
Switching capacity AC 230 V	16 A (AC1)
Standby power:	Max. 0.5 W
Temperature range:	- 25 °C to + 70 °C
Dimensions (∅ x H):	53 x 28 mm
Radio frequency:	868.3 MHz



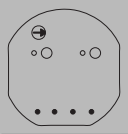
Connection of radio switching/momentary-contact actuator Mini and switching/momentary-contact actuator Mini zero-voltage

Operating mode selector switch:

PC Set operating mode and parameters using eNet server.

Pressing operating mode.

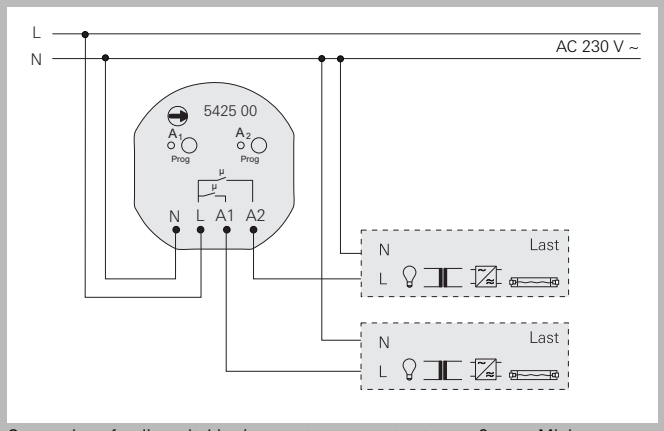
Switching operating mode.



Radio switching/momentary-contact actuator, 2-gang Mini

5425 00

	Technical data
Rated voltage:	230 V AC, 50/60 Hz
Switching current:	Relay, 16 A (ohmic, at 35 °C)
Connected load per output:	- 2300 W light bulbs - 1500 W HV halogen - 1500 W Tronic transformers - 1000 VA inductive transformers - 920 VA fluorescent lamps, not compensated - 450 VA motors - 690 VA (560 µF) capacitive load
Standby power:	Max. 0.5 W
Temperature range:	- 25 ... + 70 °C
Dimensions (Ø x H):	53 x 28 mm
Radio frequency:	868.3 MHz



Connection of radio switching/momentary-contact actuator, 2-gang Mini

Operating mode selector switch:

PC Set operating mode and parameters using eNet server.

Pressing operating mode.

Switching operating mode.

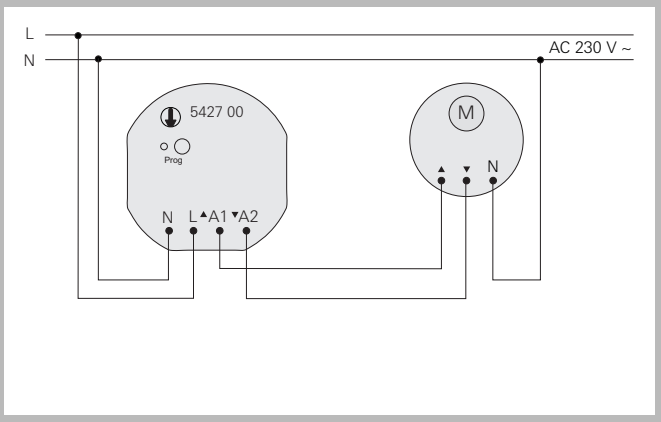
Note

Do not use the device as a blind actuator. Blind motor can be destroyed.

Radio blind actuator, 1-gang Mini

5427 00

	Technical data
Rated voltage:	230 V AC, 50/60 Hz
Switching current:	3 A ohmic
Minimum switching current AC:	100 mA
Connected load of motors:	50 ... 1000 W
Minimum controlling time in operating mode Blind: Shutters:	 0.1 s 0.3 s
Standby power:	Max. 0.5 W
Temperature range:	- 25 °C ... + 70 °C
Dimensions (Ø x H):	53 x 28 mm
Radio frequency:	868.3 MHz



Connection of radio blind actuator, 1-gang Mini

Operating mode selector switch:

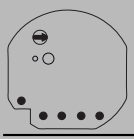
PC Set operating mode and parameters using eNet server.

t Start-up - determine duration.

t Start-up - determine slat time.

Blind operating mode.

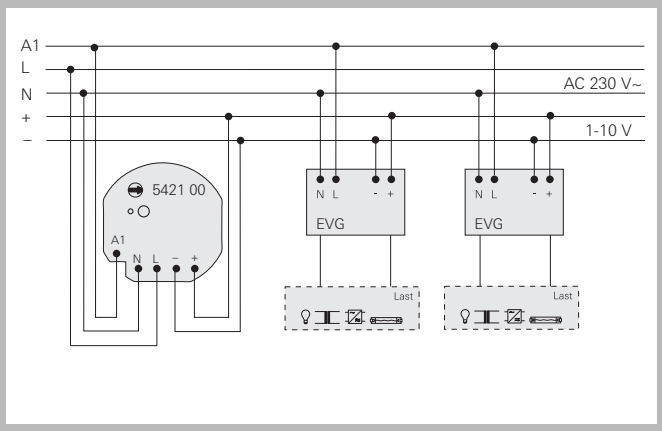
Shutter, awning operating mode.



Radio control unit 1–10 V 1-gang Mini

5421 00

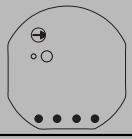
	Technical data
Power supply:	230 V AC, 50/60 Hz
Control voltage:	0.5 ... 11 V
Control current:	Max. 50 mA
Switching current:	6 A ohmic 3 AX fluorescent lamps
Minimum switching current:	100 mA
Connected load:	- 1380 W ohmic load - 690 VA (560 µF) capacitive load
Standby power	Max. 0.5 W
Temperature range:	- 25 °C to + 70 °C
Dimensions (∅ x H):	53 x 28 mm
Radio frequency:	868.3 MHz



Connection of radio control unit

Operating mode selector switch:

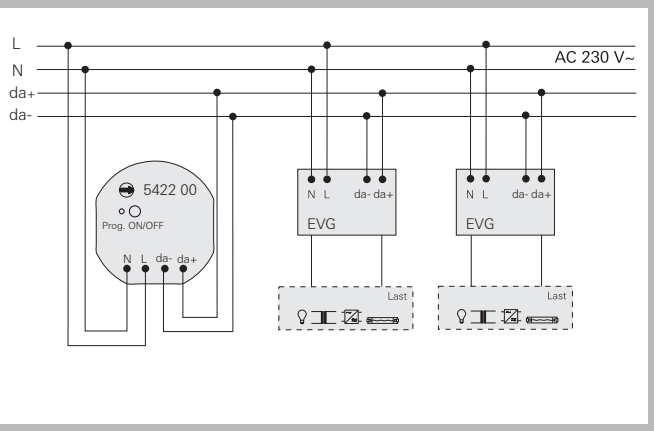
PC	Set operating mode and parameters using eNet server.
⊐x⊏	1–10 V operation.
min.	Set the minimum brightness



DALI radio control unit, 1-gang Mini

5422 00

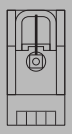
	Technical data
Power supply:	230 V AC, 50/60 Hz
Power consumption:	Max. 2 W
DALI rated voltage:	DC 16 V (typ.)
Output current:	Max. 24 mA
Number of DALI devices:	Max. 12
Number of parallel control devices:	Max. 6
Temperature range:	- 25 °C to + 70 °C
Dimensions (∅ x H):	53 x 28 mm
Radio frequency:	868.3 MHz



Connection of radio control unit DALI

Operating mode selector switch:

PC	Set operating mode and parameters using eNet server.
DALI	DALI operation.
min.	Set the minimum brightness



Radio DRA reception module

5452 00

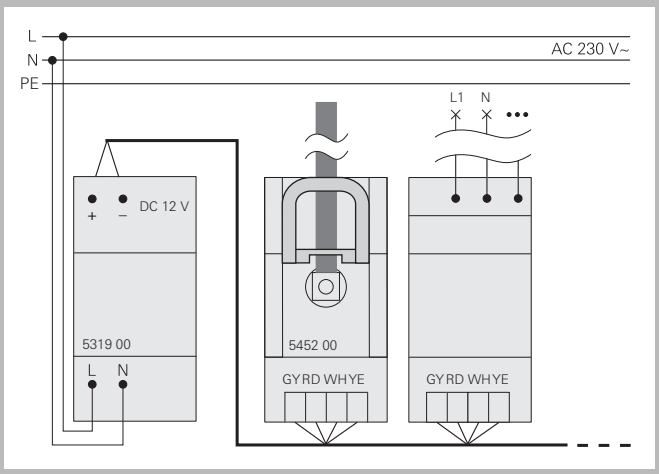
	Technical data
Rated voltage:	DC 12 V SELV
Connection of bus line (J-Y(St)Y 2x2x0.8 mm)	
GY	DC- / power supply -
RD	DC+ / power supply +
WH	BUS- / data line -
YE	BUS+ / date line +
Radio frequency:	868.3 MHz
Temperature range:	- 5 °C to + 45 °C
Installation width:	36 mm / 2 HP



Radio switching/momentary-contact actuator, 1-gang DRA

5433 00

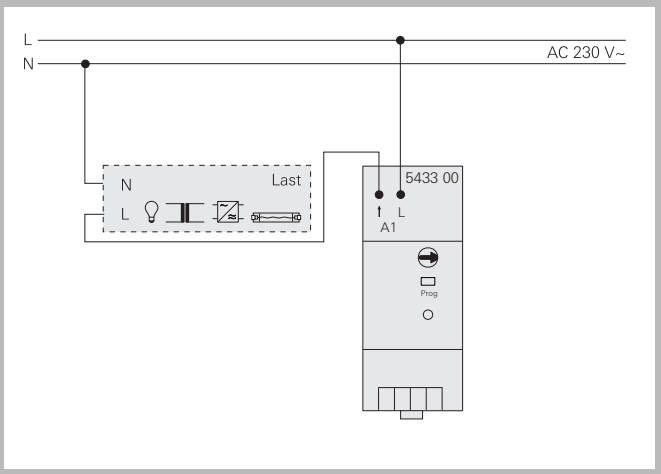
	Technical data
Power supply:	230 V AC, 50/60 Hz
Connected load	- 2300 W light bulbs - 1500 W HV halogen - 1500 W Tronic transformer - 1000 W inductive transformers - 920 VA fluorescent lamps, not compensated - 3680 W ohmic load - 690 VA (560 µF) capacitive load
Standby power:	Max. 0.2 W
Switching current:	16 A ohmic 4 AX fluorescent lamps
Minimum switching current:	100 mA
Temperature range:	- 5 °C to + 45 °C
Installation width:	36 mm / 2 HP



Radio reception module DRA connection

Notes

The entire length of the bus cable to the radio DRA actuators may not exceed 3 m.
The polarity of the individual bus cables may not be reversed.
Up to 32 radio DRA actuators may be connected to a DRA radio reception module.



Connection of radio switching/momentary-contact actuator, 1-gang DRA

Operating mode selector switch:

PC — Set operating mode and parameters using eNet server.

⎍ — Pressing operating mode.

⎍ — Switching operating mode.

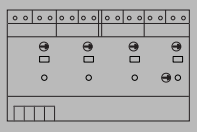




DRA radio dimming actuator, 1-gang

5430 00

	Technical data
Power supply:	230 V AC, 50/60 Hz
Connected load at 35 °C:	20 to 500 W / VA - Light bulbs - HV halogen lamps - Tronic transformers - Inductive transformers - Ohmic-inductive - Ohmic-capacitive - Capacitive-inductive is not permissible Typ. 7 ... 100 W - LED lamps - Compact fluorescent lamps
Standby power:	Max. 0.3 W
Temperature range:	- 5 °C to + 45 °C
Installation width:	36 mm / 2 HP

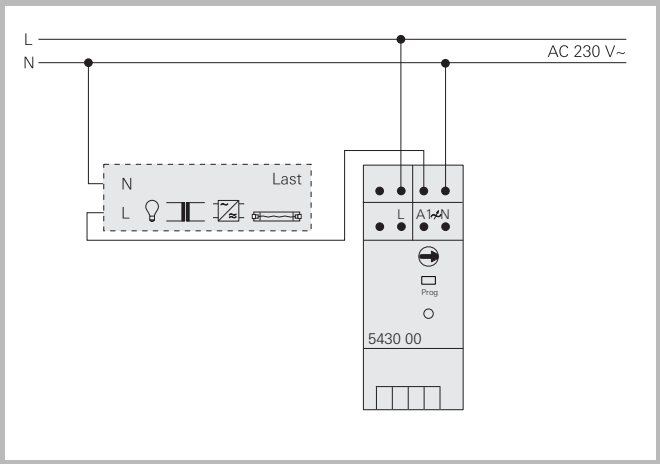




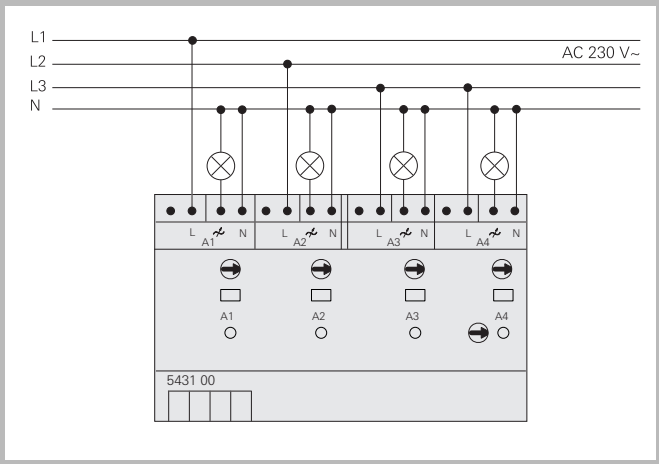
DRA radio dimming actuator, 4-gang

5431 00

	Technical data
Power supply:	230 V AC, 50/60 Hz
Connected load at 45 °C:	20 to 250 W / VA - Light bulbs - HV halogen lamps - Tronic transformers - Inductive transformers - Ohmic-inductive - Ohmic-capacitive - Capacitive-inductive is not permissible Typ. 7 ... 50 W - LED lamps - Compact fluorescent lamps
Standby power:	1.2 W
Temperature range:	- 5 °C to + 45 °C
Installation width:	144 mm / 8 HP



Load on radio dimming actuator, 1-gang DRA



Loads on outputs of radio dimming actuator, 4-gang DRA

Operating mode selector switch:

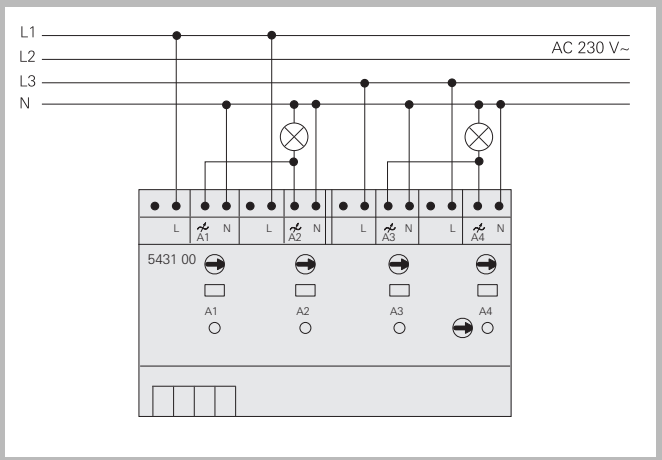
PC Set operating mode and parameters using eNet server.

R,L,C measurement of the load, leading edge or trailing edge dimming principle.

LED leading edge.

LED trailing edge.

min. minimum brightness



Loads on parallel switched outputs of the radio universal dimming actuator DRA



Radio switching/momentary-contact actuator, 8-gang Blind actuator, 4-gang DRA

5435 00

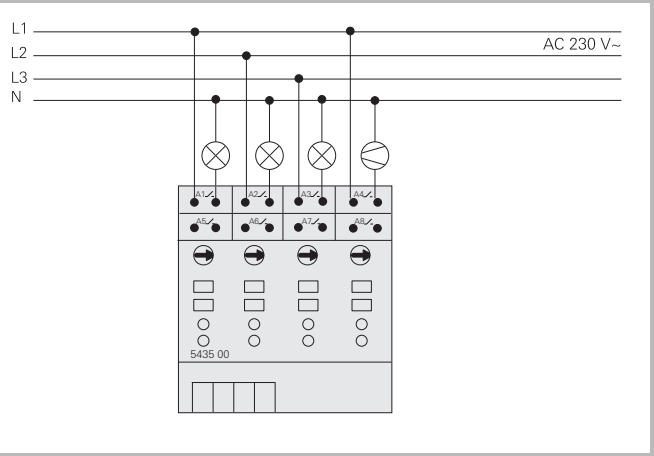
	Technical data
Power supply:	230 V AC, 50/60 Hz
Switching current per output:	16 A ohmic (AC1) 4 AX fluorescent lamps
Connected load per output:	- 2300 W light bulbs - 1500 W HV halogen - 1500 W Tronic transformer - 1500 W inductive transformers - 920 VA fluorescent lamps, not compensated - 690 VA (560 µF) capacitive load - 1000 W motors
Standby power:	Max. 0.5 W
Temperature range:	- 5 °C to + 45 °C
Installation width:	72 mm / 4 HP



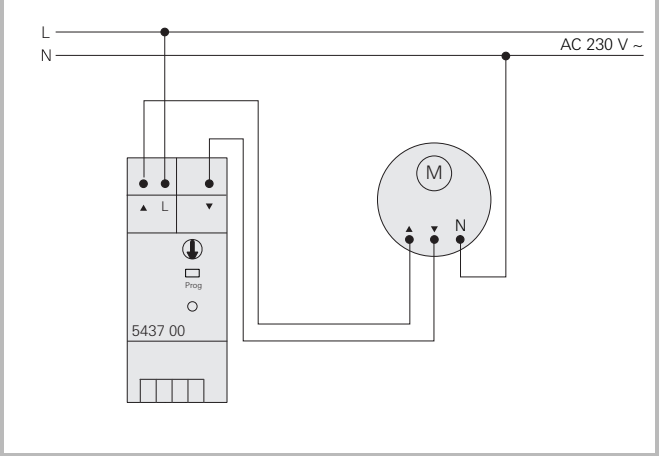
Radio blind actuator, 1-gang DRA

5437 00

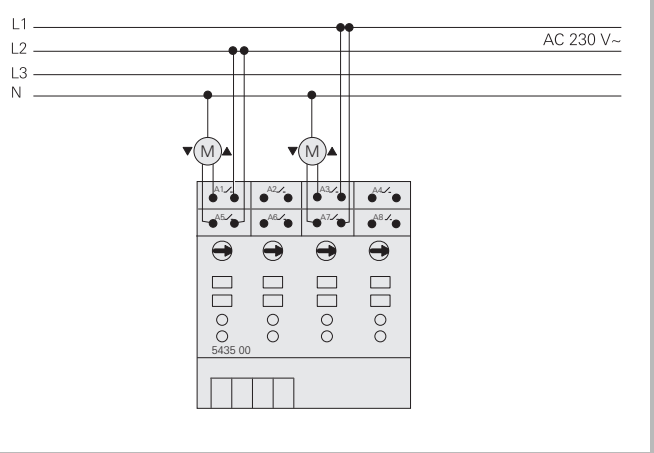
	Technical data
Power supply:	230 V AC, 50/60 Hz
Connected load of the motor:	1000 W
Control time for operating mode:	
Blind	0.1 s
Shutters	0.3 s
Standby power:	0.2 W
Temperature range:	- 5 °C to + 45 °C
Installation width:	36 mm / 2 HP



Connection of radio switching/momentary-contact actuator, 8-gang DRA



Connection of radio blind actuator, 1-gang DRA



Connection of radio blind actuator, 4-gang DRA

Operating mode selector switch:

PC	Set operating mode and parameters using eNet server.
t	Start-up - determine duration.
t	Start-up - determine slat time.
	Blind operating mode.
	Shutter, awning operating mode.

Connection of energy saving lights

Long-field lights with electronic ballast on devices with relay contact
Capacitive loads, such as parallel-compensated fluorescent lamps, compact fluorescent lamps, energy saving lamps, electronic ballasts etc. strain the contact material of a relay to a certain degree. While statements can still be made regarding the maximum permissible size of the compensation capacitor and thus the maximum permissible load with parallel-compensated loads, it is generally no longer possible with electronic ballasts and energy saving lamps.

System-based dependencies
The following question pops up again and again: How many electronic ballasts/energy saving lamps can be connected to a device?
In such cases, there is no decisive answer, despite all efforts. The height of the load or the maximum number of electronic ballasts/energy saving lamps which can be connected to the switching device depends on considerably more factors than just the technical data of these two components.

These are factors which are system- and application-specific and are not dependent on nor influenced by the manufacturer of the switching device or the electronic ballast/energy saving lamps.

They include, among others:

- The conditions of the supply mains (hard or soft mains)
  → Soft mains:
  Great inner resistance of the mains, less switch-on currents
  → Hard mains:
  Small inner resistance of the mains, high switch-on currents possible
- Switch-on time based on current value of sine wave, for example
  → Sine-wave zero crossing:
  ideal, hardly any contact load
  → Sine-wave vertex:
  poor, maximum switch-on current
- always switched on in the positive half-wave
  → material migration at contact material always goes in the same direction
  → quicker failure of the contact

These system-based factors prevent even the relay manufacturers from providing concrete information on the connectible load on a relay.

Product variety
A large number of electronic ballast/energy saving lamp manufacturers with a variety of products are found in the market. Here, each electronic ballast/energy saving lamp may have completely different switch-on properties.

Such a diversity of products ultimately leads to the inability of manufacturers of the switching device to provide concrete information, even when questioned about the connection options of a specific electronic ballast. In addition, the manufacturer of the switching device is rarely notified of any changes to the switching technology of the electronic ballast.

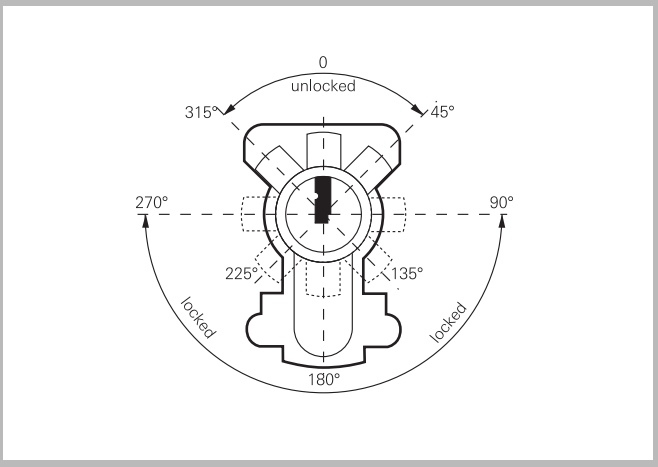
Please comply with the switch-on peak currents with all capacitive loads. The switch-on peak current with automatic control switch with relay contact 0835 00 should have max. 50 A in the µs range. Use a power relay, for example, for higher currents and longer switch-on times.

Half-cylinder profile for key-switch inserts

The locking bit can be adjusted with half-cylinder profiles by pressing in the rear pin in 45° increments.

With the locking bit setting 315° (see figure), the locking bit is lead into the selector fork of the switch. The cover is not locked and the key can only be pulled out in the zero position (not switched).

With the locking bit settings 90°, 135° and 225° the locking bit is lead next to the selector fork of the switch. After actuation, the key can be turned back to the exit position and pulled out. The cover is now protected against removal without a key.



Half-cylinder profile for key-switch inserts

The delivery results subject to countries specific assortments.

Order No.	Page
0001 00	293
0002 00	293
0003 00	293
0009 01	73
0009 03	73
0009 40	234
0009 42	234
0009 43	234
0009 46	234
0009 47	234
0014 00	294
0014 01	511
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0039 00	398
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0070 03	73
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0070 43	233
0070 46	233
0070 47	233
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0110 02	41
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0114 03	37
0114 03	46
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0136 28	30
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0136 46	216
0136 47	216
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0138 03	36
0138 26	36
0138 27	36
0138 28	36
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0140 03	35
0140 111	185
0140 112	185
0140 20	139
0140 203	139
0140 26	35
0140 27	35
0140 28	35
0140 40	218

Order No.	Page
0140 42	218
0140 43	218
0140 46	218
0140 47	218
0140 603	35
0140 604	35
0140 65	252
0140 66	252
0140 67	252
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0144 00	308
0145 00	275
0146 00	276
0147 00	276
0149 00	289
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0151 00	276
0152 00	276
0153 01	36
0153 03	36
0153 26	36
0153 27	36
0153 28	36
0153 40	218
0153 42	218
0153 43	218
0153 46	218
0153 47	218
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0156 00	276
0157 00	277
0157 00	308
0158 00	277
0158 00	308
0159 00	277
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0163 00	308
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017121	84
017156	75
017156	84
0175 01	46
0175 03	46
0175 04	46
0176 01	46
0176 03	46
0176 04	46
0178 00	401
0179 00	400
0180 00	400
0181 00	422
0181 00	475
0182 00	422
0182 00	475
0182 40	219
0182 42	219
0182 43	219
0182 45	219
0182 46	219
0182 47	219
0184 00	422
0184 00	475

Order No.	Page
0185 00	422
0185 00	475
0186 00	400
0187 00	400
0187 40	219
0187 42	219
0187 43	219
0187 45	219
0187 46	219
0187 47	219
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0188 01	42
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0209 03	34
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0211 01	82
0211 03	82
0211 04	82
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0211 07	95
0211 08	96
0211 10	113
0211 111	212
0211 112	212
0211 113	212
0211 114	212
0211 115	212
0211 12	108
0211 122	109
0211 126	113
0211 127	114

Order No.	Page
0211 129	114
0211 13	103
0211 14	104
0211 17	112
0211 18	108
0211 19	112
0211 20	181
0211 201	173
0211 202	173
0211 203	173
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0211 208	174
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0211 22	88
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0211 24	101
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0211 29	88
0211 326	96
0211 327	95
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0211 331	103
0211 332	104
0211 334	101
0211 36	96
0211 395	101
0211 397	102
0211 398	102
0211 399	103
0211 40	236
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0211 632	124
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0211 65	258
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0211 661	126
0211 662	127
0211 663	128
0211 67	258
0211 671	129
0211 672	130
0211 673	131
0211 69	104
0211 71	95
0211 723	97
0211 726	97
0211 728	97
0211 733	97
0211 736	97
0211 738	97
0211 743	98

Order No.	Page
0211 746	98
0211 748	98
0211 753	98
0211 756	98
0211 758	98
0211 761	99
0211 763	99
0211 766	99
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0211 81	96
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0211 87	102
0211 88	102
0211 89	103
0211 92	102
0211 93	103
0212 01	82
0212 03	82
0212 04	82
0212 05	109
0212 06	96
0212 07	95
0212 08	96
0212 10	113
0212 111	212
0212 112	212
0212 113	212
0212 114	212
0212 115	212
0212 12	108
0212 122	109
0212 126	113
0212 127	114
0212 129	114
0212 13	103
0212 14	104
0212 17	112
0212 18	108
0212 19	112
0212 20	181
0212 201	173
0212 202	173
0212 203	173
0212 204	177
0212 205	177
0212 206	177
0212 21	181
0212 22	88
0212 23	88
0212 24	101
0212 25	88
0212 29	88
0212 326	96
0212 327	95
0212 328	96
0212 331	103
0212 332	104
0212 334	101
0212 36	96
0212 395	101
0212 397	102
0212 398	102
0212 399	103

The delivery results subject to countries specific assortments.

Order No.	Page
0212 40	236
0212 42	236
0212 43	236
0212 46	236
0212 47	236
0212 50	101
0212 505	111
0212 51	101
0212 512	110
0212 518	110
0212 522	111
0212 53	102
0212 59	103
0212 621	120
0212 622	121
0212 623	122
0212 631	123
0212 632	124
0212 633	125
0212 65	258
0212 66	258
0212 661	126
0212 662	127
0212 663	128
0212 67	258
0212 671	129
0212 672	130
0212 673	131
0212 69	104
0212 71	95
0212 723	97
0212 726	97
0212 728	97
0212 733	97
0212 736	97
0212 738	97
0212 743	98
0212 746	98
0212 748	98
0212 753	98
0212 756	98
0212 758	98
0212 761	99
0212 763	99
0212 766	99
0212 768	99
0212 771	100
0212 773	100
0212 776	100
0212 778	100
0212 803	95
0212 806	95
0212 808	95
0212 81	96
0212 85	101
0212 87	102
0212 88	102
0212 89	103
0212 92	102
0212 93	103
0213 01	82
0213 03	82
0213 04	82
0213 05	109
0213 06	96
0213 07	95
0213 08	96
0213 10	113
0213 111	212
0213 112	212

Order No.	Page
0213 113	212
0213 114	212
0213 115	212
0213 12	108
0213 122	109
0213 126	113
0213 127	114
0213 129	114
0213 13	103
0213 14	104
0213 17	112
0213 18	108
0213 19	112
0213 20	181
0213 201	173
0213 202	173
0213 203	173
0213 204	177
0213 205	177
0213 206	177
0213 21	181
0213 22	88
0213 23	88
0213 24	101
0213 25	88
0213 29	88
0213 326	96
0213 327	95
0213 328	96
0213 331	103
0213 332	104
0213 334	101
0213 36	96
0213 395	101
0213 397	102
0213 398	102
0213 399	103
0213 40	236
0213 42	236
0213 43	236
0213 46	236
0213 47	236
0213 50	101
0213 505	111
0213 51	101
0213 512	110
0213 518	110
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0213 53	102
0213 59	103
0213 621	120
0213 622	121
0213 623	122
0213 631	123
0213 632	124
0213 633	125
0213 65	258
0213 66	258
0213 661	126
0213 662	127
0213 663	128
0213 67	258
0213 671	129
0213 672	130
0213 673	131
0213 69	104
0213 71	95
0213 723	97
0213 726	97
0213 728	97

Order No.	Page
0213 733	97
0213 736	97
0213 738	97
0213 743	98
0213 746	98
0213 748	98
0213 753	98
0213 756	98
0213 758	98
0213 761	99
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0213 806	95
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0213 85	101
0213 87	102
0213 88	102
0213 89	103
0213 92	102
0213 93	103
0214 01	82
0214 03	82
0214 04	82
0214 05	109
0214 06	96
0214 07	95
0214 08	96
0214 10	113
0214 111	212
0214 112	212
0214 113	212
0214 114	212
0214 115	212
0214 12	108
0214 122	109
0214 126	113
0214 127	114
0214 129	114
0214 13	103
0214 14	104
0214 17	112
0214 18	108
0214 19	112
0214 20	181
0214 201	173
0214 202	173
0214 203	173
0214 204	177
0214 205	177
0214 206	177
0214 21	181
0214 22	88
0214 23	88
0214 24	101
0214 25	88
0214 29	88
0214 326	96
0214 327	95
0214 328	96
0214 331	103
0214 332	104
0214 334	101
0214 36	96

Order No.	Page
0214 395	101
0214 397	102
0214 398	102
0214 399	103
0214 40	236
0214 42	236
0214 43	236
0214 46	236
0214 47	236
0214 50	101
0214 505	111
0214 51	101
0214 512	110
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0214 621	120
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0214 623	122
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0214 661	126
0214 662	127
0214 663	128
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0214 673	131
0214 69	104
0214 71	95
0214 723	97
0214 726	97
0214 728	97
0214 733	97
0214 736	97
0214 738	97
0214 743	98
0214 746	98
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0214 92	102
0214 93	103
0215 01	82
0215 03	82
0215 04	82
0215 05	109
0215 06	96
0215 07	95

Order No.	Page
0215 08	96
0215 111	212
0215 112	212
0215 113	212
0215 114	212
0215 115	212
0215 12	108
0215 122	109
0215 13	103
0215 14	104
0215 18	108
0215 20	181
0215 201	173
0215 202	173
0215 203	173
0215 21	181
0215 22	88
0215 23	88
0215 24	101
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0215 29	88
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0215 632	124
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0215 662	127
0215 663	128
0215 671	129
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0215 723	97
0215 726	97
0215 728	97
0215 733	97
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0215 738	97
0215 743	98
0215 746	98
0215 748	98
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0215 768	99
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0215 806	95
0215 808	95
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0215 87	102
0215 88	102
0215 89	103
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0216 01	33
0216 03	33
0216 26	33
0216 27	33
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0217 03	33
0217 26	33
0217 27	33
0217 28	33
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0218 03	33
0218 26	33
0218 27	33
0218 28	33
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0219 03	73
0219 04	73
0219 26	73
0219 27	73
0219 28	73
0219 29	73
0219 40	233
0219 42	233
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0251 42	237
0251 43	237
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0252 42	237
0252 43	237
0252 46	237
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0253 43	237
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0260 20	158
0260 203	158
0260 26	63
0260 27	63
0260 28	63
0260 40	229
0260 42	229
0260 43	229
0260 46	229
0260 47	229
0261 40	217
0261 42	217
0261 43	217
0261 46	217
0261 47	217
0265 40	232
0265 42	232
0265 43	232
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0276 112	210
0276 20	158

The delivery results subject to countries specific assortments.

Order No.	Page
0276 20	168
0276 203	158
0276 203	168
0276 26	63
0276 26	75
0276 27	63
0276 27	75
0276 28	63
0276 28	75
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0298 28	35
0299 01	32
0299 03	138
0299 03	32
0299 20	138
0299 203	138

Order No.	Page
0299 26	32
0299 27	32
0299 28	32
0299 40	217
0299 42	217
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0427 01	43
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0427 26	43
0427 27	43
0427 28	43
0429 40	221

Order No.	Page
0429 42	221
0429 43	221
0429 46	221
0429 47	221
0432 119	187
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0497 07	290
0497 08	290
0497 10	290
0497 11	291
0497 12	291
0497 13	291

Order No.	Page
0497 18	290
0497 19	291
0497 36	293
049705	292
049722	293
049727	293
049732	293
049735	293
049800	291
049806	293
049810	294
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0664 03	152
0664 03	55
0664 111	194
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0664 20	152
0664 203	152

The delivery results subject to countries specific assortments.

Order No.	Page
0664 26	55
0664 27	55
0664 28	55
0664 40	225
0664 42	225
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0664 46	225
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0841 42	314

Order No.	Page
0841 43	314
0841 46	314
0841 47	314
0841 603	314
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1002 01	82
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1002 326	96
1002 327	95
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1002 673	131
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1002 71	95
1002 723	97
1002 726	97
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1002 733	97
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1002 778	100
1002 803	95
1002 806	95
1002 808	95
1002 81	96
1002 85	101
1002 87	102
1002 88	102
1002 89	103
1002 92	102

Order No.	Page
1002 93	103
1004 00	491
1006 00	494
1008 00	493
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1011 100	550
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1103 03	83
1103 22	90
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1103 25	90
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1103 29	90
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1104 26	35
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1150 111	185
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1172 01	330
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1172 03	143
1172 03	330
1172 03	330
1172 03	41
1172 20	143
1172 20	330
1172 203	143
1172 203	330
1172 26	330
1172 26	41

Order No.	Page
1172 27	330
1172 27	41
1172 28	330
1172 28	41
1175 01	57
1175 03	153
1175 03	57
1175 111	195
1175 112	195
1175 20	153
1175 203	153
1175 26	57
1175 27	57
1175 28	57
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1200 20	373
1200 203	373
1200 26	373
1200 27	373
1200 28	373
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1340 00	269

Order No.	Page
1343 26	268
1343 28	268
1344 26	268
1344 28	268
1345 26	264
1345 28	264
1346 26	269
1346 28	269
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1371 00	245
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2142 203	437
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2142 606	438
2142 607	440
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2145 01	437
2145 03	437
2145 03	437
2145 20	437
2145 203	437
2145 210	439

Order No.	Page
2145 211	439
2145 212	440
2145 213	440
2145 26	437
2145 28	437
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2302 27	322
2302 28	322
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2315 03	144
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2315 27	47
2315 28	47
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2316 27	47
2316 28	47
2316 603	47
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2324 01	311
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2324 20	311
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2324 27	311
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2328 28	311
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2605 28	382
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2606 01	384
2606 03	384
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2606 111	384
2606 112	384
2606 20	384
2606 203	384
2606 26	384
2606 27	384
2606 28	384

Order No.	Page
2606 65	384
2606 66	384
2606 67	384
2607 01	383
2607 03	383
2607 03	383
2607 111	383
2607 112	383
2607 20	383
2607 203	383
2607 26	383
2607 27	383
2607 28	383
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2648 112	392
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2658 20	392
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2755 03	43
2755 26	43
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2762 03	44
2762 26	44
2762 27	44
2762 28	44
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2763 03	44
2763 26	44
2763 27	44
2763 28	44
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2782 20	140
2782 20	298
2782 203	140
2782 203	298
2782 26	298
2782 26	38
2782 28	298
2782 28	38
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2783 03	140
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2783 03	38
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2783 26	38
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2784 03	140
2784 03	298
2784 03	298
2784 03	38
2784 20	140
2784 20	298
2784 203	140
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2784 26	298
2784 26	38
2784 28	298
2784 28	38
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2785 03	141
2785 03	301
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2785 03	39
2785 20	141
2785 20	301
2785 203	141
2785 203	301
2785 26	301

Order No.	Page
2785 26	39
2785 28	301
2785 28	39
2786 01	301
2786 01	39
2786 03	141
2786 03	301
2786 03	301
2786 03	39
2786 20	141
2786 20	301
2786 203	141
2786 203	301
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2786 28	301
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2788 20	141
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2788 26	301
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2788 28	301
2788 28	39
2789 01	40
2789 03	142
2789 03	40
2789 20	142
2789 203	142
2789 26	40
2789 28	40
2790 111	209
2791 20	146
2791 20	331
2791 203	146
2791 203	331
2792 20	146
2792 20	331
2792 203	146
2792 203	331
2793 20	146
2793 20	331
2793 203	146
2793 203	331
2794 20	146
2794 20	331
2794 203	146
2794 203	331
2795 20	146

Order No.	Page
2795 20	331
2795 203	146
2795 203	331
2796 20	146
2796 20	331
2796 203	146
2796 203	331
2797 20	146
2797 20	331
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2815 00	142
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2830 20	303
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2830 26	31
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2831 01	302
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2831 03	31
2831 20	137
2831 20	302
2831 203	137
2831 203	302
2831 26	302
2831 26	31
2831 28	302
2831 28	31
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2832 01	31
2832 03	137
2832 03	303
2832 03	303
2832 03	31
2832 20	137
2832 20	303
2832 203	137
2832 203	303
2832 26	303
2832 26	31
2832 28	303
2832 28	31

Order No.	Page
2833 01	302
2833 01	31
2833 03	137
2833 03	302
2833 03	302
2833 03	31
2833 20	137
2833 20	302
2833 203	137
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2833 26	31
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2834 203	137
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2834 26	31
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2835 26	31
2835 28	302
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2836 20	303
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2836 26	31
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2837 03	137
2837 03	302
2837 03	302
2837 03	31
2837 20	137
2837 20	302
2837 203	137
2837 203	302
2837 26	302

Order No.	Page
2837 26	31
2837 28	302
2837 28	31
2838 01	302
2838 01	31
2838 03	137
2838 03	302
2838 03	302
2838 03	31
2838 20	137
2838 20	302
2838 203	137
2838 203	302
2838 26	302
2838 26	31
2838 28	302
2838 28	31
2839 01	40
2839 03	142
2839 03	40
2839 111	186
2839 112	186
2839 20	142
2839 203	142
2839 26	40
2839 27	40
2839 28	40
2840 01	41
2840 03	142
2840 03	41
2840 111	187
2840 112	187
2840 20	142
2840 203	142
2840 26	41
2840 27	41
2840 28	41
2841 01	40
2841 03	142
2841 03	40
2841 111	187
2841 112	187
2841 20	142
2841 203	142
2841 26	40
2841 27	40
2841 28	40
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2842 03	141
2842 03	39
2842 111	186
2842 112	186
2842 20	141
2842 203	141
2842 26	39
2842 27	39
2842 28	39
2843 01	39
2843 03	141
2843 03	39
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2843 112	186
2843 20	141
2843 203	141
2843 26	39
2843 27	39
2843 28	39
2844 01	30
2844 01	303
2844 03	136

Order No.	Page
2844 03	30
2844 03	303
2844 03	303
2844 20	136
2844 20	303
2844 203	136
2844 203	303
2844 26	30
2844 26	303
2844 28	30
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2845 03	30
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2851 203	135
2860 20	135
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2870 00	295
2870 02	295
2871 111	295
2871 112	295
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2874 112	295
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2876 111	295
2876 112	295
2881 201	177
2881 202	177
2881 203	177
2882 201	177
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2884 203	177
2886 201	178
2886 202	178
2886 203	178
2891 00	179
2892 00	179
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2898 00	177
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5113 00	425
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5308 00	533
5319 00	375
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5453 00	525
5461 02	526
5471 00	526
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5473 00	526
5490 01	527
5490 03	527
5490 03	527
5490 111	527
5490 112	527
5490 20	527
5490 203	527
5490 26	527
5490 27	527
5490 28	527
5490 603	527
5490 604	527
5491 01	313
5491 01	527
5491 03	313
5491 03	313
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5491 111	313
5491 111	527
5491 112	313
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5491 20	527
5491 203	313
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5491 26	313
5491 26	527
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5664 01	395
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5665 01	395
5665 03	395
5665 10	395
5666 01	395
5666 03	395

Order No.	Page
5666 10	395
5667 01	395
5667 03	395
5667 10	395
5668 01	395
5668 03	395
5668 10	395
5669 01	395
5669 03	395
5669 10	395
5670 01	395
5670 03	395
5670 10	395
5671 01	395
5671 03	395
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Return processing and Imprint

Information on the processing of returns is provided on the Internet at www.fgh.gira.de/retouren

For technical queries or ordering sales promotion materials, please contact your wholesaler, in special cases the responsible Gira agency or the plant directly.

Gira switches and socket outlets are developed and marketed under constant consultation with the electro-technical wholesale trade, the electrical trade and the electro-technical retail market for the electrical trade. This installation device system is therefore intended as the product range of the specialised trade.

Of course, the breadth and depth of the Gira product range can only be given limited space in the material catalogues of the electro-technical wholesale trade. Therefore, please always have a look at the Gira General Catalogue. Only it provides a complete overview of the product range.

All devices in this catalogue falling under the CE guidelines are labelled with the CE mark on the packaging label and on the product.

The catalogue is intended as a working document for dealers. All devices have been provided with pricesystem code numbers (PS).

The information in the catalogue refers to the current production status of the devices. We reserve the right to make change with regard to technology and design.

Only our general sales, delivery and payment conditions apply.

Imprint

Cover subject/Interface design
Gira Design Configurator:
schmitz Visuelle Kommunikation, Wuppertal

Product photography:
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Udo Kowalski, Wuppertal
Henrik Spohler, Hamburg
Schleßelmann Fotografie, Essen
Pixelbox, Düsseldorf

Photography of architecture and plant grounds:
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(Architecture: Ingenhoven und Partner Architekten)
Page 4 - 5
Eckhard Karnasch
Page 5 upper right
Henrik Spohler, Hamburg
Page 5 lower left
Dieter Leistner, Würzburg
Page 5 lower right
Udo Kowalski, Wuppertal
Page 6 and 7 bottom
Thomas Imo, Radevormwald
Page 23

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Saskia Stock, Berlin
Page 238

Product illustration:
Peter Krämer, Düsseldorf
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Krefeld

Printing:
Stürtz GmbH, Würzburg

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Subject to technical modifications.
Product illustrations can deviate.

Cover frames
Order number matrix

Using this list, the order numbers of the cover frames from the Gira switch ranges can easily be determined.

The first four digits indicate the type of frame. The final digits mark the switch range and the desired colour or material. There is a space between the first and final digits to clearly separate them.

All cover frames can be installed vertically and horizontally.

Order numbers for frames with crossbar:
1-gang **0211 ..**
2-gang **0212 ..**
3-gang **0213 ..**
4-gang **0214 ..**
5-gang **0215 ..**

Frame without crossbar:
2-gang **1002 ..**



Standard 55

.... **01** Cream white glossy
.... **03** Pure white glossy
.... **04** Pure white matt



E2

.... **29** Pure white glossy
.... **22** Pure white matt
.... **23** Anthracite
.... **25** Colour aluminium



Event

.... **803** Pure white glossy/pure white
.... **808** Pure white glossy/anthracite
.... **806** Pure white glossy/colour aluminium
.... **327** Pure white matt/pure white
.... **07** Pure white matt/anthracite
.... **71** Pure white matt/colour aluminium
.... **328** Anthracite/pure white
.... **08** Anthracite/anthracite
.... **81** Anthracite/colour aluminium
.... **326** Colour aluminium/pure white
.... **06** Colour aluminium/anthracite
.... **36** Colour aluminium/colour aluminium



Event Clear

.... **723** White/pure white
.... **728** White/anthracite
.... **726** White/colour aluminium
.... **733** Black/pure white
.... **738** Black/anthracite
.... **736** Black/colour aluminium
.... **743** Green/pure white
.... **748** Green/anthracite
.... **746** Green/colour aluminium
.... **753** Aubergine/pure white
.... **758** Aubergine/anthracite
.... **756** Aubergine/colour aluminium
.... **761** Brown/cream white
.... **763** Brown/pure white
.... **768** Brown/anthracite
.... **766** Brown/colour aluminium
.... **771** Sand/cream white
.... **773** Sand/pure white
.... **778** Sand/anthracite
.... **776** Sand/colour aluminium



Event Opaque

.... **334** White/pure white
.... **24** White/anthracite
.... **50** White/colour aluminium
.... **395** Mint/pure white
.... **85** Mint/anthracite
.... **51** Mint/colour aluminium
.... **397** Orange/pure white
.... **87** Orange/anthracite
.... **53** Orange/colour aluminium
.... **398** Red/pure white
.... **88** Red/anthracite
.... **92** Red/colour aluminium
.... **399** Blue/pure white
.... **89** Blue/anthracite
.... **93** Blue/colour aluminium
.... **331** Dark brown/pure white
.... **13** Dark brown/anthracite
.... **59** Dark brown/colour aluminium
.... **332** Amber/pure white
.... **14** Amber/anthracite
.... **69** Amber/colour aluminium



Esprit

.... **17** Aluminium *
.... **126** Aluminium black *
.... **127** Aluminium brown *
.... **129** Walnut-aluminium *
.... **19** Brass *
.... **10** Chrome *
.... **11** Wenge wood *
.... **18** Glass mint
.... **12** Glass white
.... **05** Glass black
.... **122** Glass umber



Esprit, glass C

.... **518** Mint
.... **512** White
.... **505** Black
.... **522** Umber



ClassiX

.... **621** Bronze
.... **623** Bronze-cream white
.... **622** Bronze-black
.... **631** Brass
.... **633** Brass-cream white
.... **632** Brass-black



ClassiX Art

.... **661** Bronze
.... **663** Bronze-cream white
.... **662** Bronze-black
.... **671** Brass
.... **673** Brass-cream white
.... **672** Brass-black



E22 **

.... **202** Stainless Steel
.... **203** Aluminium
.... **201** Pure white glossy [Thermoplastic]



Stainless Steel Series 20, Series 21 ***

.... **20** Series 20
.... **21** Series 21



F100

.... **111** Cream white glossy
.... **112** Pure white glossy
.... **113** Colour brass
.... **114** Colour platinum
.... **115** Colour chrome



S-Color ***

.... **40** Pure white
.... **42** Grey
.... **43** Red
.... **46** Blue
.... **47** Black



TX_44 */***

.... **66** Pure white
.... **67** Anthracite
.... **65** Colour aluminium

* Cover frames only available in 1 to 4-gang
** Cover frames for flat installation only available in 1 to 4-gang
*** Frames without crossbar not available

GIRA

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Order No. 18051 90 12/12 9. 24

See who's at the door – even while you're away.
The Gira door communication system offers numerous solutions for indoor and outdoor use, now even while you're away. Video conversations can be held and the door can be opened using a smartphone or tablet.

Easy and mobile control of intelligent home technology
With the Gira HomeServer, all functions of home technology can be controlled easily – using the Gira Control Clients on the wall, on the computer or while away using a smartphone or tablet.









Gira 2013/2014 Catalogue