:hager

Hager KNX solution catalogue

B.
Berker by :hager

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Dear Friends and Partners,

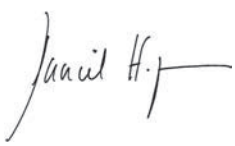
What innovations are awaiting you next year? What innovative solutions will distinguish themselves from others in residential and commercial buildings? By browsing through the new catalogue you will find the answers to these questions. Working in close partnership with installers and distributors means that we have been able to develop a whole new range of promising innovations which are not only innovative, but also for practical day to day use. This catalogue shows you the best of these innovations.

In the following pages, you will also find a number of reliable and user-friendly Hager products which have been proven successful over and over again. As a supplier of global solutions, we offer professionals everything they need related to energy distribution, cable management, trunking, home automation systems and security. Providing such a complete range of solutions and services from one unique partner is extremely beneficial for both fitters and prescribers. Electrical installations are not only becoming simpler and faster, but also more reliable, efficient and functional.

Being constantly attentive to our customers' needs means that we are able to fully satisfy their requirements and develop market boosting innovative solutions that allow us to remain the market leader of today and tomorrow.

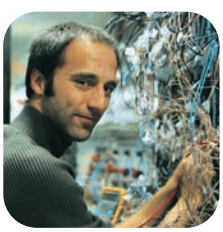
More than ever, it is essential to have the right partner.

Yours sincerely,



Daniel Hager

CEO Hager Group



The partner for smart solutions you can trust

Hager is a full-range supplier of electrical installation systems for building, residential and commercial properties. For decades, Hager has been synonymous with an extensive and complete offering. Highest quality, cutting-edge products, modularity, ease of installation, ease of use, excellent service and sophisticated design are the features that distinguish Hager.

Hager: a brand meeting your expectations

As a specialist in
- power distribution,
- cable management and room connection systems,
- switch programmes and smart building automation as well as safety technology such as alarm systems, smoke detectors and motion detectors.

Hager the supplier for professionals – is a synonym for top quality and innovative technology, as well as good customer relations and reliability. All of which make Hager the partner for smart solutions, you can trust.

New ideas for the customers' benefit

Innovations and the systematic enhancement of the products and systems are key features of the Hager brand. It has always been our goal to use new designs and improvements to stay ahead of developments.

The use of innovations and new technologies at Hager is always customer-driven. Every year, Hager evaluates thousands of customer contacts, result-ing in detailed knowledge of its customers' needs in order to work efficiently and successfully. Based on this knowledge, Hager develops the innovative solutions that are so characteristic for the Hager brand. Ease of installation, ease of use, intuitive user interfaces, modularity and durability are brand values that guarantee highest quality throughout in Hager systems.

80 per cent of Hager products and systems are younger than five years. This high degree of innovation enables the users to meet various new challenges effectively. The strong demand for innovations and enhancements is a good indicator for the customer-oriented policy of the Hager brand also resulting in a high turnover at wholesalers.

A flourishing group

Hager belongs to the Hager Group, which is a family owned business with a more than fifty-year tradition. As a global player, the company has about 11,400 employees and a turnover of more than 1.6 billion Euro in 2013.
Today, the Hager Group offers more than 74.000 items.

www.hager.com

Humane. Environmentally friendly. Efficient.

Sustainability at the Hager Group: E3

"Quidquid agis respice finem" – Whatever you do, think about the consequences! This motto which is attributable to the Greek poet Äsop (in 600 BC), applies today more than ever. As a result of technical progress, increasing globalisation and decreasing natural resources, the consequences of our actions are becoming increasingly serious – and the demands for more corporate responsibility are becoming increasingly louder. Even if the Hager Group is just a small wheel in this big machine, we want to play our part so we can leave a clean legacy for future generations. We have summarized this understanding of sustainability in a concise term: E3.

E3 is a comprehensive approach of the Hager Group for utilizing the limited resources of our planet sparingly. The three "E"s stand for the three columns of our sustainability: Ethics, Environment and Energy. In German: Ethik, Umwelt und Energie. Each E conceals a specific catalogue of measures that the Hager Group has expressly committed itself to.

Everyone is talking about sustainability. As a family business we want to live it actively – with E3!

"We act ethically and responsibly by caring for our fellow human beings and our environment."

Daniel Hager

ethics

People are the most important natural resource for us. For this reason we are doing everything to support our 11,000 and more "energy sources" worldwide and to mobilize new "forces" for the Hager Group. We are certified "Investors in People"- and rely on structured processes that ensure fair dealings with each other. In addition, we have committed ourselves to compliance with the United Nations Global Compact. It is entered on a voluntary basis between businesses and the UNO for the purpose of shaping globalization in a more social and environmental way. And not least, we care for the wellbeing of every single employee in the Hager Group through locally targeted Care Management.

environment

We are also extending this Care Management to our environment – by keeping it as clean as possible. For this reason, we work worldwide according to the motto, "to make more from less". Eleven production plants of the Hager Group are already certified in accordance with the ISO 14000 international standard and new ones are added to this each year. During product development and production, we rely on Eco-Design and Eco-Production. In the course of this, the entire life cycle of a product (Life Cycle Assessment) is assessed and optimized in terms of ecological considerations. Once the product is finished, we pack it in a way that is not harmful to any tree: in 100% recycled cardboard. This earned Hager the iF Packaging Design Award in 2011. In this way, we continually reduce our ecological footprint – while accelerating technical progress at the same time.

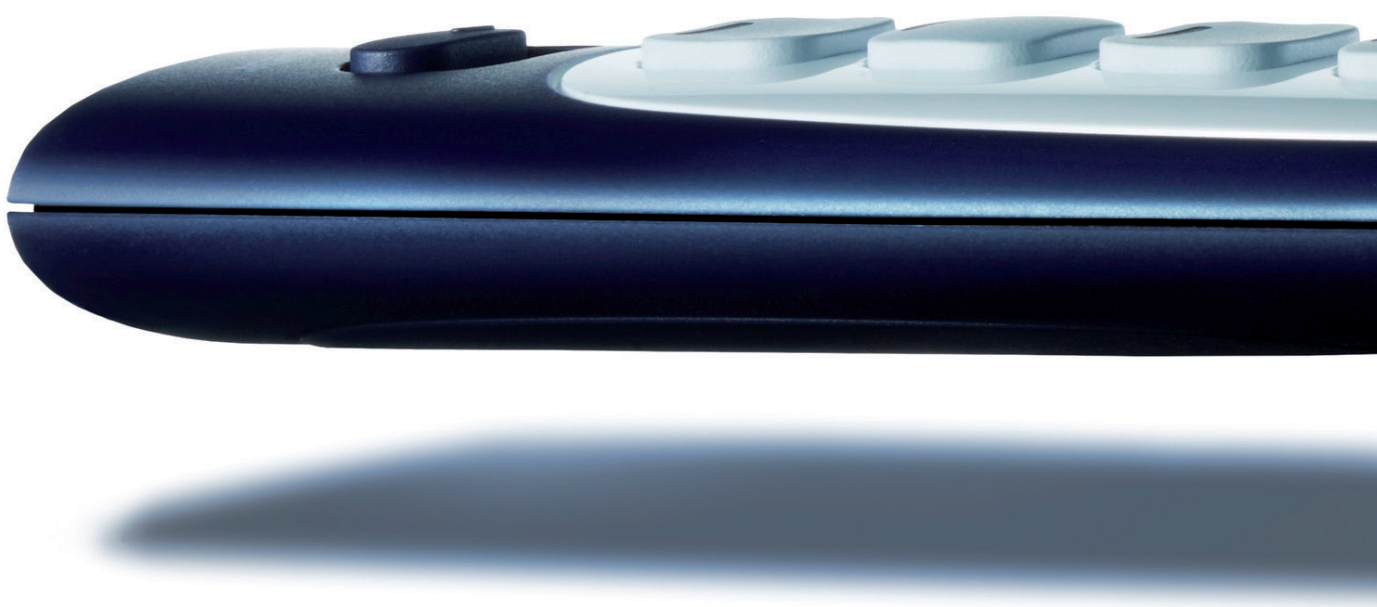
energy

It goes without saying, of course, that we also help our customers to reduce their ecological footprints: with intelligent meters and innovative visualization software we make power consumption visible and enhance energy awareness. Many of our appliances – including dimmers, presence detectors as well as intelligent KNX building automation – actively help to reduce power consumption. And not least of all, the innovative system of Hager also allows regenerative energy sources to be integrated future-proof into each building. In a word: We expend our whole energy – so that you can save yours!

You can find detailed information on E3 at www.hagergroup.net, sustainability.

A design language that everyone understands: Hager Design

For over five decades, Hager has attached the greatest importance to the functionality and reliability of its systems. This is also reflected in the form of our products: Design is not superimposed as beautiful wrapping on the technology, but is developed in harmony with the functions. The external reflects the internal structure. And this external structure is becoming increasingly important nowadays: As electrical installations increasingly take over direct functions both in the office and in the home, the greater is the need to take aesthetic aspects into consideration. In order to meet these requirements – functional and aesthetic – even better, the Hager Group together with the designer Erwin van Handenhoven has established an independent design agency: Hager-Winco.



"Everything you see and touch underlines the idea of simplicity and quality."

Daniel Hager

From the cupboard to the switch
The Hager product range has grown tremendously during the last few decades. Hager has advanced from being a specialist for meter panel systems to a complete electrotechnical supplier for smart homes and intelligent, purpose-built buildings. With cable routing systems and room pillars, exclusive switch ranges and intuitive user interfaces, design requirements have increased as well: Each product has a different function, and each function requires its form design. Thus, Hager speaks a design language with many styles.

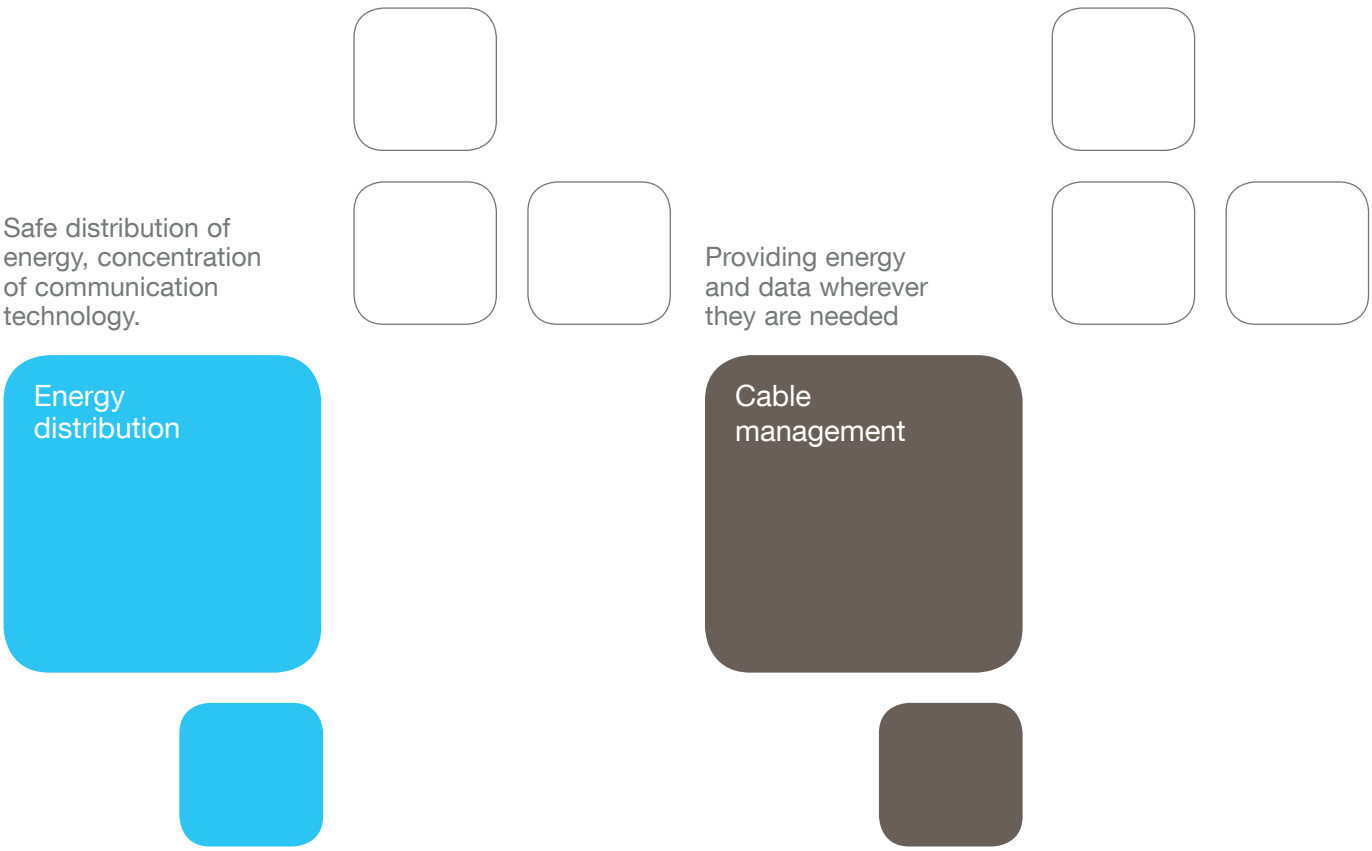
From the customer to the designer
To ensure that this design language is understood everywhere, we also give our customers the opportunity to participate: Since time immemorial, Hager has been developing its systems in close collaboration with specialist dealers and selected final consumers. We research national traditions, determine individual desires and pay very close attention when our customers' hearts beat faster. The results are ergonomically shaped solutions that appeal emotionally: through simple installation and operation, through the highest quality and maximum comfort.
We call this process "Voice of Customer".

From the present into the future
In order to meet the growing requirements of our customers even better in future, we established the independent design agency "Hager-Winco" in May 2009. As a result, the long-standing collaboration between Hager and the internationally active product designer Erwin van Handenhoven has now entered a new phase. This has resulted in numerous product highlights that meet the design requirements of tomorrow in particular. You can already find many of these today in the new Hager catalogue.

We wish you lots of fun during your discovery!

Erwin van Handenhoven,
Designer for Hager

:hager WINco design



A clear structure - Hager's range of products

Hager has divided its extensive range of products into three areas of application, each marked with a different colour, to help you finding the right product and solution for your individual needs.

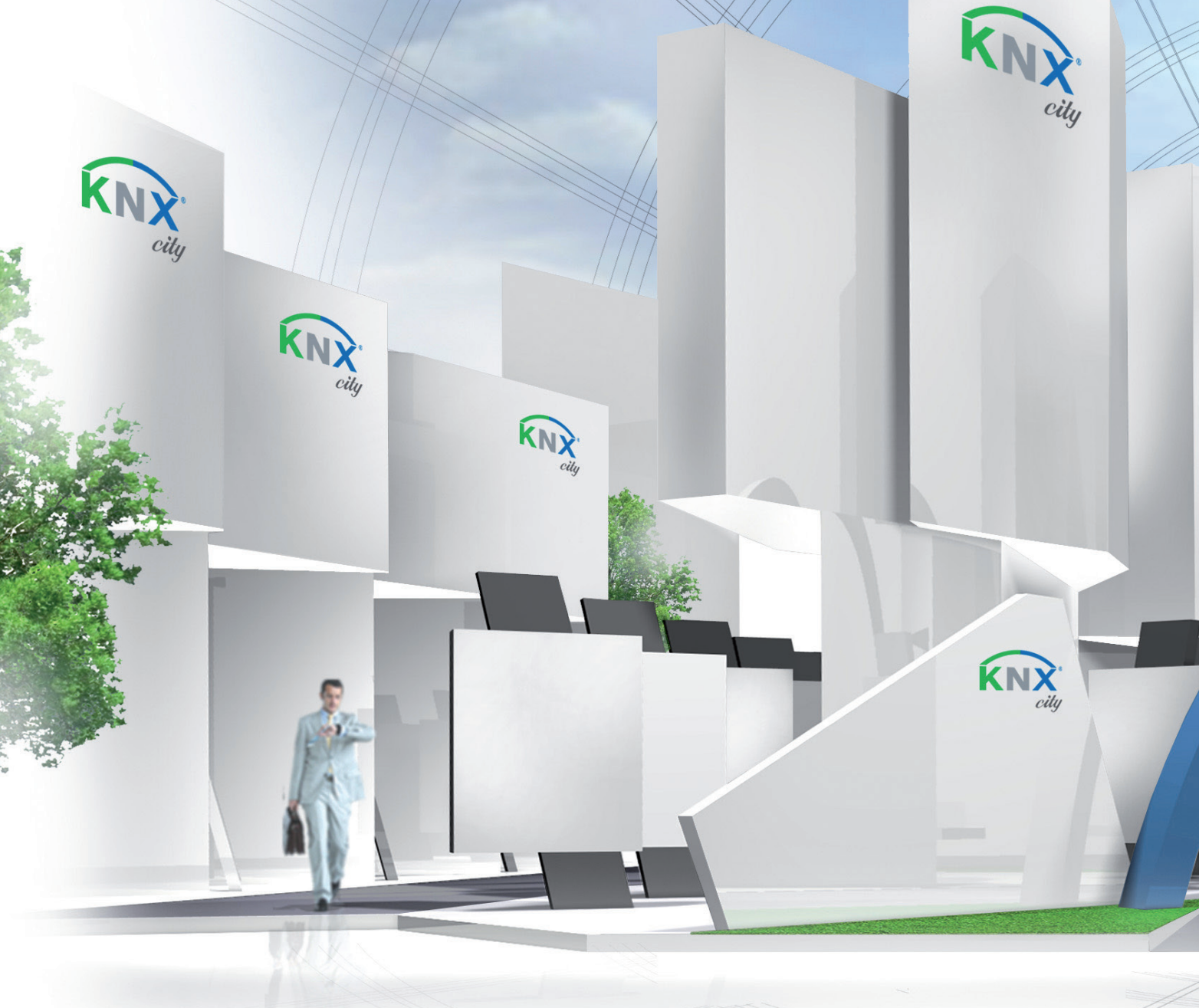
As the leading specialist in the field of electrical installations residential and commercial buildings, the Hager brand provides you with everything from one source: systems and solutions – highest quality, reliable and easy to install.

Switching with style -
Smart Building
automation

Wiring accessories +
Building automation

Berker by :hager

www.hager.com



KNX,
the strength of a standard

70%
of the home automation *market

300
manufacturers

7000
products

* in Europe (BSRIA study, May 2012)

KNX, the obvious choice

Guaranteed compatibility

For over 20 years, the presence of the KNX logo on products has certified that they communicate perfectly with each other, even when they are offered by different manufacturers. This ensures a high degree of flexibility in the extension and modification of facilities.

Seamless continuity

The extent of the KNX community gives the protocol a unique power in the home automation market. Its broad range of products constitutes a set of solutions to meet all situations.

Openness, a state of mind

Various gateways are offered by the adherents of KNX to create links with other specification standards such as DALI and BACNET.

The architecture of a KNX automation installation: **flexibility and scalability**

The architecture of a KNX building automation installation is based on an original principle, separation of the power and control circuits. This approach provides a distinct advantage: the possibility to change the installation at any time.

Modify and enrich

Unlike traditional systems, a KNX installation does not physically link the control with the function. All the controls are grouped on the bus (wired or wireless).

The goal is to release the potential restricted by command/function association.

Changing the configuration or adding new control points is then achieved simply and without additional work.

The benefits:
- time savings
- scalability of installations without additional work

Integrating linked universes

In a KNX installation, other features such as intrusion and technical alarms, video surveillance, multi-room functions, videophones or even home maintenance systems can be easily integrated via dedicated gateways.

The benefits:
- enrichment of capabilities
- access to other markets
- business development

building

KNX, the obvious choice

Berker B.IQ

Berker TS Crystal

Berker TS Sensor

Berker R.1 / R.3 touch sensors

Berker KNX push-buttons and visualisation

KNX sensors actuators

KNX system units

Berker B.IQ

A wide array of alternative materials and colours have been added to the convenient variety of KNX functionality of the Berker B.IQ.
• Frameless KNX push-button with full-material rockers (glass, stainless steel and aluminium)
• High scope of functions in the KNX applications through to devices with integrated thermostats
• The attractive appearance is rounded off using white status LEDs and a blue operation LED
• Suitable variants for all materials and colours of sockets in the Berker B.7 switch range
Available materials: plastic and glass in polar white, black and aluminium. Metal variants in aluminium and stainless steel

Berker by :hager

- For suitable frames in the same “style” for additional applications, see the Design line B.7
- For additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x

Push-buttons

- For switch, push-button, dimmer and shutter functions
- Extension unit for light scene push-button
- For installation in single standard wall boxes
- With dismantling protection

Bus coupling unit flush-mounted

Operating voltage over bus	21 ... 32 V=
Power consumption, KNX	≈ 100 mW
Operating temperature	-5 ... +45 °C
Insertion depth	23 mm

- with programming button and red programming LED
- as interface between KNX user module and bus line
- bus connection via connecting terminal
- without spreader claws

Design	Order no.	PU
Bus coupling unit flush-mounted	**7504 00 01**	1

B.IQ push-button 1gang comfort

Operating temperature	-5 ... +45 °C
Dimensions (W x H)	88.5 x 88.5 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- with blue operation LED and 2 white status LEDs (labelling field lighting)
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- cyclic transmission can also be started via switching object
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

Suitable for	**Order no.**	**Page**
Bus coupling unit flush-mounted	7504 00 01	18
optional		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	24

Design	Order no.	PU
polar white matt	**7516 15 99**	1
Aluminium, aluminium anodised	**7516 15 94**	1
Stainless steel, metal brushed	**7516 15 93**	1
glass polar white	**7516 15 90**	1
glass black	**7516 15 92**	1

B.IQ push-button 2gang comfort

Operating temperature	-5 ... +45 °C
Dimensions (W x H)	88.5 x 88.5 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- with blue operation LED and 4 white status LEDs (labelling field lighting)
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- cyclic transmission can also be started via switching object
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

Suitable for	**Order no.**	**Page**
Bus coupling unit flush-mounted	7504 00 01	18
optional		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	24

Design	Order no.	PU
polar white matt	**7516 25 99**	1
Aluminium, aluminium anodised	**7516 25 94**	1
Stainless steel, metal brushed	**7516 25 93**	1
glass polar white	**7516 25 90**	1
glass black	**7516 25 92**	1

B.IQ push-button 3gang comfort

Operating temperature	-5 ... +45 °C
Dimensions (W x H)	88.5 x 88.5 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- with blue operation LED and 6 white status LEDs (labelling field lighting)
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- cyclic transmission can also be started via switching object
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	18
optional		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	24

Design	Order no.	PU
polar white matt	**7516 35 99**	1
Aluminium, aluminium anodised	**7516 35 94**	1
Stainless steel, metal brushed	**7516 35 93**	1
glass polar white	**7516 35 90**	1
glass black	**7516 35 92**	1

B.IQ push-button 4gang comfort

Operating temperature	-5 ... +45 °C
Dimensions (W x H)	88.5 x 118.1 mm

- single and two push-button operation parameterisable
- lockable via 3-button actuation
- one push-button operation for switching, pushing, shutters and dimming
- second operating level via object or 3-button handle
- with blue operation LED and 8 white status LEDs (labelling field lighting)
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- cyclic transmission can also be started via switching object
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	18
optional		
B.IQ labelling field for push-buttons 4gang	7590 00 81	24

Design	Order no.	PU
polar white matt	**7516 45 99**	1
Aluminium, aluminium anodised	**7516 45 94**	1
Stainless steel, metal brushed	**7516 45 93**	1
glass polar white	**7516 45 90**	1
glass black	**7516 45 92**	1

B.IQ push-button 1gang

Operating temperature	-5 ... +45 °C
Dimensions (W x H)	88.5 x 88.5 mm

- with blue operation LED and 2 white status LEDs (labelling field lighting)
- dimming / position value transmitter 1 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	18
optional		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	24

Design	Order no.	PU
polar white matt	**7516 10 99**	1
Aluminium, aluminium anodised	**7516 10 94**	1
Stainless steel, metal brushed	**7516 10 93**	1
glass polar white	**7516 10 90**	1
glass black	**7516 10 92**	1

B.IQ push-button 2gang

Operating temperature -5 ... +45 °C
Dimensions (W x H) 88.5 x 88.5 mm

- with blue operation LED and 4 white status LEDs (labelling field lighting)
- dimming / position value transmitter 1 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	18
optional		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	24

Design	Order no.	PU
polar white matt	**7516 20 99**	1
Aluminium, aluminium anodised	**7516 20 94**	1
Stainless steel, metal brushed	**7516 20 93**	1
glass polar white	**7516 20 90**	1
glass black	**7516 20 92**	1

B.IQ push-button 3gang

Operating temperature -5 ... +45 °C
Dimensions (W x H) 88.5 x 88.5 mm

- with blue operation LED and 6 white status LEDs (labelling field lighting)
- dimming / position value transmitter 1 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	18
optional		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	24

Design	Order no.	PU
polar white matt	**7516 30 99**	1
Aluminium, aluminium anodised	**7516 30 94**	1
Stainless steel, metal brushed	**7516 30 93**	1
glass polar white	**7516 30 90**	1
glass black	**7516 30 92**	1

B.IQ push-button 4gang

Operating temperature -5 ... +45 °C
Dimensions (W x H) 88.5 x 118.1 mm

- with blue operation LED and 8 white status LEDs (labelling field lighting)
- dimming / position value transmitter 1 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	18
optional		
B.IQ labelling field for push-buttons 4gang	7590 00 81	24

Design	Order no.	PU
polar white matt	**7516 40 99**	1
Aluminium, aluminium anodised	**7516 40 94**	1
Stainless steel, metal brushed	**7516 40 93**	1
glass polar white	**7516 40 90**	1
glass black	**7516 40 92**	1

Light scenes push-buttons

B.IQ push-button 4gang for light scenes

Number of load groups (increase on cascading)	8
Light scenes	max. 8
Operating temperature	-5 ... +45 °C
Dimensions (W x H)	88.5 x 118.1 mm

- retrieval, adjustment and storage of 8 light scenes
- light scene push-buttons can be cascaded
- second operating level for setting load groups via 3-button actuation
- with blue operation LED and 8 white status LEDs (labelling field lighting)
- dimming / position value transmitter 1 byte
- for installation in single standard wall boxes
- with anti-dismantling protection

Suitable for	**Order no.**	**Page**
Bus coupling unit flush-mounted	7504 00 01	18
optional		
B.IQ labelling field for push-buttons 4gang	7590 00 81	24

Design	Order no.	PU
polar white matt	**7516 86 99**	1
Aluminium, aluminium anodised	**7516 86 94**	1
Stainless steel, metal brushed	**7516 86 93**	1
glass polar white	**7516 86 90**	1
glass black	**7516 86 92**	1

Push-buttons with thermostat

- For switch, push-button, dimmer, blind and thermostat functions
- Single and two push-button operation parameterisable
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- With 2 white status LEDs per rocker (labelling field illumination)
- Wth blue operation LED
- For individual single room temperature control
- For heating and/or cooling mode with/without auxiliary step
- Controller operating modes: comfort, standby, night and frost/heat protection mode
- With 2 additional function buttons for display control
- Display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- Temperature measurement via internal temperature sensor and/or external communication object (weighting ratio parameterisable)
- Provision of the internal temperature value via communication object
- With room temperature timer and 2-week timer functions
- Button help function can be activated
- For installation in single standard wall boxes
- For continuous (PI) or switched (2-point) control of max. 2 control circuits
- With dismantling protection
- Text display (ASCII-format)
- LC display with symbols and illumination switchable via object
- With button blocking function
- End customer display scope parameterisable
- Separate object for window contact
- Programmable from ETS2, V1.2a
- Alarm telegram after disconnection from bus coupling unit 1 bit, 1 or 2 byte
- Presence button parameterisable to extend comfort
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

Flush-mounted bus coupling unit for B.IQ with thermostat

Operating voltage over bus	21 ... 32 V=
Operating temperature	-5 ... +45 °C
Insertion depth	20 mm

- for B.IQ push-buttons with thermostat and display or Bluetooth gateways
- with programming button and red programming LED
- bus connection via connecting terminal
- without spreader claws

Design	Order no.	PU
Flush-mounted bus coupling unit for B.IQ with thermostat	**7504 00 03**	1

B.IQ push-button 3gang with thermostat

- Display

Operating temperature	-5 ... +45 °C
Dimensions (W x H)	88.5 x 119.6 mm

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	22
optional		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	24

Design	Order no.	PU
polar white matt	**7566 35 99**	1
Aluminium, aluminium anodised	**7566 35 94**	1
Stainless steel, metal brushed	**7566 35 93**	1
glass polar white	**7566 35 90**	1
glass black	**7566 35 92**	1

B.IQ push-button 4gang with thermostat

- Display

Operating temperature -5 ... +45 °C
Dimensions (W x H) 88.5 x 149.2 mm

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	22
optional		
B.IQ labelling field for push-buttons 4gang	7590 00 81	24

Design	Order no.	PU
polar white matt	**7566 45 99**	1
Aluminium, aluminium anodised	**7566 45 94**	1
Stainless steel, metal brushed	**7566 45 93**	1
glass polar white	**7566 45 90**	1
glass black	**7566 45 92**	1

B.IQ push-button 5gang with thermostat

- Display

Operating temperature -5 ... +45 °C
Dimensions (W x H) 88.5 x 178.8 mm

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	22
optional		
B.IQ labelling field for push-buttons 5gang	7590 00 82	24

Design	Order no.	PU
polar white matt	**7566 55 99**	1
Aluminium, aluminium anodised	**7566 55 94**	1
Stainless steel, metal brushed	**7566 55 93**	1
glass polar white	**7566 55 90**	1
glass black	**7566 55 92**	1

B.IQ IR push-button 3gang with thermostat

- Display

– IR telegram with RC5 coding parameterisable per push-button

Operating temperature -5 ... +45 °C
Dimensions (W x H) 88.5 x 128.6 mm

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	22
optional		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	24
Hand-held transmitter for B.IQ IR push-button	2779	24

Design	Order no.	PU
polar white matt	**7566 36 99**	1
Aluminium, aluminium anodised	**7566 36 94**	1
Stainless steel, metal brushed	**7566 36 93**	1
glass polar white	**7566 36 90**	1
glass black	**7566 36 92**	1

B.IQ IR push-button 4gang with thermostat

- Display

– IR telegram with RC5 coding parameterisable per push-button

Operating temperature -5 ... +45 °C
Dimensions (W x H) 88.5 x 158.2 mm

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	22
optional		
B.IQ labelling field for push-buttons 4gang	7590 00 81	24
Hand-held transmitter for B.IQ IR push-button	2779	24

Design	Order no.	PU
polar white matt	**7566 46 99**	1
Aluminium, aluminium anodised	**7566 46 94**	1
Stainless steel, metal brushed	**7566 46 93**	1
glass polar white	**7566 46 90**	1
glass black	**7566 46 92**	1

B.IQ IR push-button 5gang with thermostat

- Display

Operating temperature	-5 ... +45 °C
Dimensions (W x H)	88.5 x 187.8 mm

- IR telegram with RC5 coding parameterisable per push-button

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	22
optional		
B.IQ labelling field for push-buttons 5gang	7590 00 82	24
Hand-held transmitter for B.IQ IR push-button	2779	24

Design	Order no.	PU
polar white matt	**7566 56 99**	1
Aluminium, aluminium anodised	**7566 56 94**	1
Stainless steel, metal brushed	**7566 56 93**	1
glass polar white	**7566 56 90**	1
glass black	**7566 56 92**	1

Hand-held transmitter for B.IQ IR push-button

Operating voltage	6 V=
IR range	≈ 10 m
Number of IR channels	24
Dimensions (L x W x H)	192 x 53 x 23 mm
Battery service life [years]	≈ 3

The required batteries 4 x Micro, alkaline (LR 03) are not in scope of delivery.

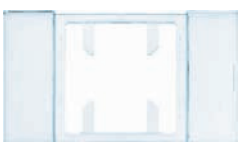
For battery-operated IR remote control of all assigned IR receivers.

- RC5 code
- with 3 channel group LEDs (also transmission and battery status LEDs)
- with 3 channel group buttons A, B, C
- with 8 channel buttons (on/off; dimmer)
- with child lock

Suitable for	Order no.	Page
B.IQ IR push-button 3g. w. thermostat	7566 36 9 ..	23
B.IQ IR push-button 4g. w. thermostat	7566 46 9 ..	23
B.IQ IR push-button 5g. w. thermostat	7566 56 9 ..	24

Design	Order no.	PU
anthracite matt	**2779**	1

Labelling fields



B.IQ labelling field for push-buttons 1 to 3gang

Dimensions (W x H x D)	151.6 x 85 x 5.7 mm

- can be illuminated by status LED

Design	Order no.	PU
clear, transparent	**7590 00 80**	1

B.IQ labelling field for push-buttons 4gang

Dimensions (W x H x D)	151.6 x 114.6 x 5.7 mm

- can be illuminated by status LED

Design	Order no.	PU
clear, transparent	**7590 00 81**	1

B.IQ labelling field for push-buttons 5gang

Dimensions (W x H x D)	151.6 x 144.2 x 5.7 mm

- can be illuminated by status LED

Design	Order no.	PU
clear, transparent	**7590 00 82**	1

Berker TS/TS Crystal/ TS Crystal Ball

Behind its elegantly purist exterior, there is an unexpected wealth of technical options: the Berker TS allows operation, not only of multiple light sources, but, if so desired, also of intelligent building control systems. With their fine platform and switching knobs MADE WITH SWAROVSKI ELEMENTS, the Berker TS Crystal lends refinement to any atmosphere.

- Suitable for installation bus systems and relay circuits with safety extra-low voltage
- Material glass
- Crystalline variation of push-buttons MADE WITH SWAROVSKI ELEMENTS for the glass platform of the Berker TS
- Push-buttons available in 4 colours

Berker by :hager

Cover plates

Glass cover plate

Dimensions (W x H x D)	86 x 160 x 5 mm
Screw length	25 mm

Other components from the B.7 glass range are available, e.g. socket outlets. Observe scale drawings!

- glass with polar white imprint on the backside
- with polar white plastic base
- each with 2 3.5 x 25 mm two-hole screws in chrome, gold and stainless steel for dismantling protection
- with screwdriver
- for vertical and horizontal mounting

Suitable for	Order no.	Page
Berker TS Crystal		29
Push-button, NO contact	1811 1 ..	28
Wall box	1809	31
Wall box for installation in hollow walls	1824	31
optional		
Two-hole screws 2 x M3.5 x 50 mm	1895 1 ..	31

Design	Order no.	PU
clear glossy, 1gang	**1391**	1
clear glossy, 2gang	**1392**	1
clear glossy, 4gang	**1394**	1

Glass cover plate with facet

Dimensions (W x H x D)	86 x 160 x 5 mm
Screw length	25 mm

- with all-round facet
- with polar white plastic base
- each with 2 3.5 x 25 mm two-hole screws in chrome, gold and stainless steel for dismantling protection
- with screwdriver
- for vertical and horizontal mounting

Suitable for	Order no.	Page
Berker TS Crystal		29
Push-button, NO contact	1811 1 ..	28
Wall box	1809	31
Wall box for installation in hollow walls	1824	31
optional		
Two-hole screws 2 x M3.5 x 50 mm	1895 1 ..	31

Design	Order no.	PU
clear glossy, 1gang	**1311**	1
clear glossy, 2gang	**1321**	1
clear glossy, 4gang	**1341**	1
clear glossy, 6gang	**1366**	1
clear glossy, 8gang	**1388**	1

Push-button, NO contact

Rated voltage	24 V
Momentary-contact current	1.5 A
Operating temperature	-20 ... +60 °C
Insertion depth	13 mm

For connection via system interfaces to KNX radio or KNX installations.

Alternatively, can be used to control relay circuits.

Only suitable for safety low voltages!

- brass, refined
- with plug-in terminals

Suitable for	Order no.	Page
optional		
System interfaces		30

Design	Order no.	PU
chrome glossy, brass galvanised	**1811 10**	10
gold glossy, 24-carat galvanised	**1811 12**	10
stainless steel matt, brushed nickel	**1811 13**	10

Berker TS Crystal

Push-button Crystal

Rated voltage	24 V
Momentary-contact current	1.5 A
Operating temperature	-20 ... +60 °C
Insertion depth	13 mm

- NO contact
- brass, refined
- with SWAROWSKI ELEMENTS
- with plug-in terminals

For connection via system interfaces to KNX radio or KNX installations.

Alternatively, can be used to control relay circuits.

Only suitable for safety low voltages!

Suitable for optional	Order no.	Page
System interfaces		30

Design	Order no.	PU
chrome glossy	**1964 00 01**	1

Push-button Black Diamond

Rated voltage	24 V
Momentary-contact current	1.5 A
Operating temperature	-20 ... +60 °C
Insertion depth	13 mm

- NO contact
- brass, refined
- with SWAROWSKI ELEMENTS
- with plug-in terminals

For connection via system interfaces to KNX radio or KNX installations.

Alternatively, can be used to control relay circuits.

Only suitable for safety low voltages!

Suitable for optional	Order no.	Page
System interfaces		30

Design	Order no.	PU
stainless steel matt	**1966 02 15**	1

Push-button Siam

Rated voltage	24 V
Momentary-contact current	1.5 A
Operating temperature	-20 ... +60 °C
Insertion depth	13 mm

- NO contact
- brass, refined
- with SWAROWSKI ELEMENTS
- with plug-in terminals

For connection via system interfaces to KNX radio or KNX installations.

Alternatively, can be used to control relay circuits.

Only suitable for safety low voltages!

Suitable for optional	Order no.	Page
System interfaces		30

Design	Order no.	PU
gold glossy	**1965 02 08**	1

Push-button Topaz

Rated voltage	24 V
Momentary-contact current	1.5 A
Operating temperature	-20 ... +60 °C
Insertion depth	13 mm

- NO contact
- brass, refined
- with SWAROWSKI ELEMENTS
- with plug-in terminals

For connection via system interfaces to KNX radio or KNX installations.

Alternatively, can be used to control relay circuits.

Only suitable for safety low voltages!

Suitable for optional	Order no.	Page
System interfaces		30

Design	Order no.	PU
gold glossy	**1965 02 03**	1

Berker TS Crystal Ball

Crystal Ball

Operating voltage	8 ... 30 V=
Current consumption (operation)	≈ 18.3 mA
Current consumption (idle)	≈ 4.3 mA
Switching voltage	max. 30 V
Momentary-contact current	10 mA
Surface adjustment	20 mm
Dimensions (W x H x D)	86 x 160 x 5 mm

- operation by gently touching the Crystal Ball
- with SWAROWSKI ELEMENTS
- with adapter ring for dismantling protection and shadow gap formation
- separate auxiliary power supply needed
- with disassembly suction tool
- NO contact
- with screw terminals
- KNX applications:
- for parameterisable functions, see universal interface, 2gang, flush-mounted
- operation with non-choked output of KNX voltage supply possible (pay attention to current consumption)

Suitable for	Order no.	Page
Wall box 2gang	1870	31
Power supply 24 V DC RMD	TGA200	101

Design	Order no.	PU
glass clear, mirrored	**1685 78**	1

Supplementary products

System interfaces

Universal interface 8gang flush-mounted

Operating voltage over bus	21 ... 32 V=
Input scanning voltage	per channel 20 V
Output current per channel	max. 0.8 mA
Operating temperature	-5 ... +45 °C
Line length	10 m
Line length	max. 10 m
Dimensions (W x H x D)	44 x 48 x 32 mm

- for switch, push-button, dimmer and shutter functions
- 8 binary inputs, 8 outputs or 4 binary inputs and 4 outputs parameterisable
- with 8 independent binary inputs for potential-free contacts
- outputs for LEDs, e.g. as status LED
- extension unit for light scene push-button
- with programming button and red programming LED
- single and two push-button operation parameterisable
- one push-button operation for switching, pushing and dimming
- shutter operation concept short-long-short and long-short parameterisable
- second operating level by object or 3-button handle (only 8-input application)
- bus connection via connecting terminal
- object for audio/video control
- objects: switching, forced guidance, feedback of respective output (only for application 4 inputs/4 outputs)
- cyclic transmission can also be started via switching object
- dimming / position value transmitter 1 byte
- short-circuit and overload proof (electronic fuse)
- protected against polarity reversal
- with screw terminals

Suitable for	Order no.	Page
Glass sensors		38
Berker TS Crystal		29
Push-button, NO contact	1811 1 ..	28
Adapter for KNX and relay	7590 00 32	39

Design	Order no.	PU
black	**7564 80 01**	1

Wall boxes

Wall box

- plastic

Suitable for	Order no.	Page
Glass cover plate		28
Glass cover plate with facet		28

Design	Order no.	PU
Wall box	**1809**	50
Wall box for installation in hollow walls	**1824**	50

Wall box 2gang

Dimensions (W x H x D)	68 x 139 x 75 mm
Cut hole Ø	2 x 68 mm
Cut hole pitch	71 mm

- flush wall-mounting or with adapter ring
- for flush mounting and hollow-wall mounting

Suitable for	Order no.	Page
Glass sensors		38
Crystal Ball	1685 78	30

Design	Order no.	PU
Wall box 2gang	**1870**	1

Accessories

Two-hole screws 2 x M3.5 x 50 mm

- brass, refined
- 2 pieces for fixing in deeper seated boxes

Design	Order no.	PU
chrome glossy, brass galvanised	**1895 10**	1
gold glossy, 24-carat galvanised	**1895 12**	1
stainless steel matt, brushed nickel	**1895 13**	1

Berker TS Sensor

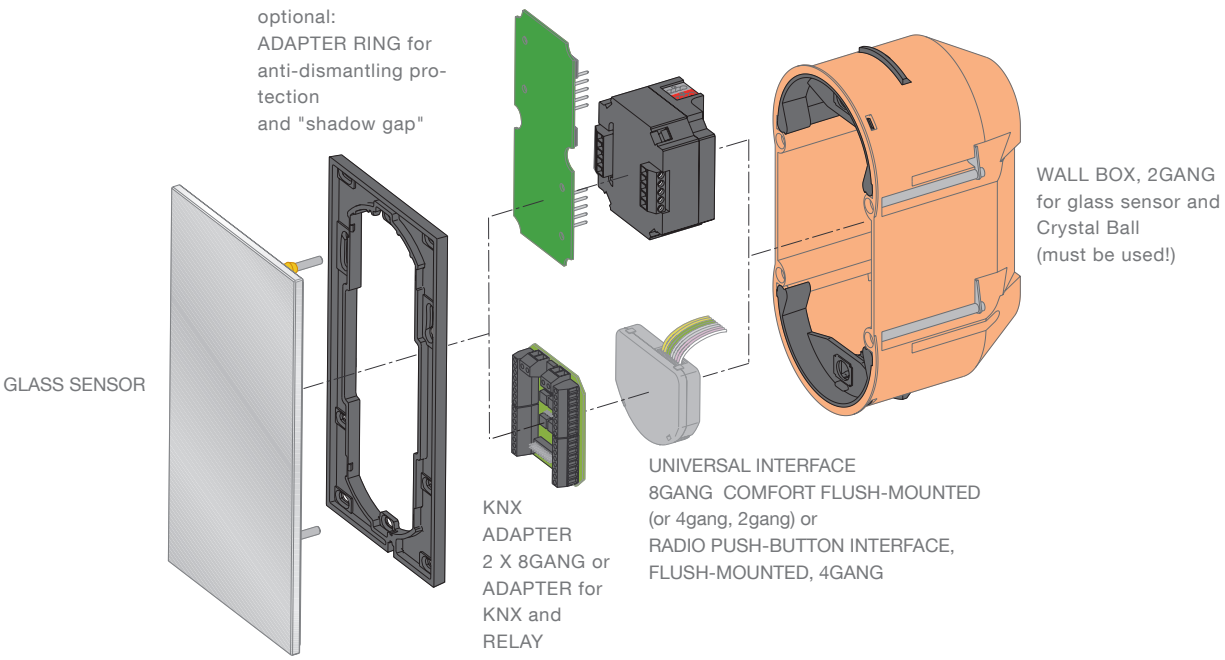
Understatement is an art, and the Berker TS Sensor makes it perfect. Up to eight functions are concealed under a pure surface that is practically flush with the wall, and can be custom-labelled on request. A single touch is all it takes to control lights, heating or blinds. In this way, the Berker TS Sensor can offer an exciting variety of possibilities – and, at the same time, still seems as calm as possible.

- Suitable for installation bus systems and relay circuits
- Having the electronics directly on the rear side of the glass plate creates enormous switching safety
- Particularly flat construction method permits flush mounting
- Readiness and switching states can be display using LEDs
- Completely smooth surface thanks to screw-free fastening
- Labelling on rear side meaning perfect protection

Berker by :hager

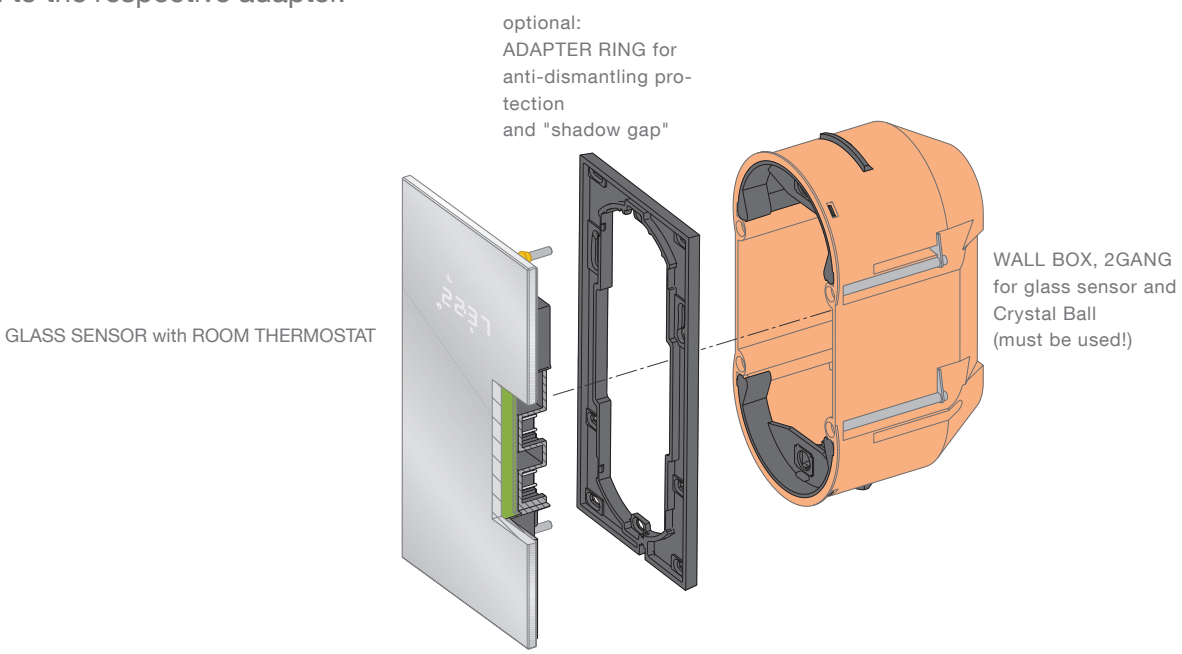
Mounting

Glass sensors are snapped in place on a "wall box, 2gang, for glass sensor and Crystal Ball" using adjustable retaining pins in such a way that the glass sensors are seated almost on the wall.
The supplied adapter ring provides anti-dismantling protection and gives the glass plate shadow contours. The adjustable retaining pins can be used to compensate for deviating installation depths or irregularities of the wall of up to 20 mm.



Connection

The glass sensor is connected to the interfaces of the respective systems via an adapter using a ribbon cable (see information for ordering and use). The separate power supply must be connected to the respective adapter.



Connection

The glass sensor with room thermostat is connected directly to the KNX and separate power supply using the connecting terminals located on the backside.

Removal

To pull glass sensors out of the clamp springs of the wall box, use the supplied dismantling aid with suction cups.

Glass sensors

Glass sensors comfort

- With integral bus coupling unit
- Operation by gently touching the sensor surfaces on the white LEDs
- For switch, push-button, dimmer and shutter functions
- Single and two push-button operation parameterisable
- Retrieval, setting and storing of 8 light scenes
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- Integrated temperature sensor
- Temperature measurement via internal and/or external temperature sensor with mean value formation
- Additional connection for external temperature sensor
- Usable as thermostat extension unit
- Provision of the internal temperature value via communication object
- Blocking function for sensor surface e.g. for cleaning the glass surface
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- Bus connection via connecting terminal
- For vertical mounting
- For mounting, always use the flat 2gang wall box, order no. 1871
- With adapter ring for dismantling protection, shadow jointing and special installation conditions
- With disassembly suction tool
- For individually labelled glass and touch sensors (configured variations), the Web Configurator generates a layout number, which must be additionally specified when placing the order.
- Many options for labelling (text and/or icons) are available via the **web configurator** at http://ts-glas-sensor.berker.de

Glass sensor 1gang comfort

- integrated bus coupling unit

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

Only suitable for KNX.

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

Suitable for	Order no.	Page
Wall box 2gang flat	1871	39
optional		
Temperature sensor	161	116

Design	Order no.	PU
Berker TS Sensor		
glass polar white	**7514 18 30**	1
glass black	**7514 18 35**	1
glass aluminium	**7514 10 34**	1
Berker TS Sensor - configured		
glass polar white	**7514 19 30**	1
glass black	**7514 19 35**	1
glass aluminium	**7514 11 34**	1

Glass sensor 2gang comfort

- integrated bus coupling unit

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

Only suitable for KNX.

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

Suitable for	Order no.	Page
Wall box 2gang flat	1871	39
optional		
Temperature sensor	161	116

Design	Order no.	PU
Berker TS Sensor		
glass polar white	**7514 28 30**	1
glass black	**7514 28 35**	1
glass aluminium	**7514 20 34**	1

Berker TS Sensor - configured		
glass polar white	**7514 29 30**	1
glass black	**7514 29 35**	1
glass aluminium	**7514 21 34**	1

Glass sensor 3gang comfort

- integrated bus coupling unit

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

Only suitable for KNX.

- with blue operation LED and 6 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Wall box 2gang flat	1871	39
optional		
Temperature sensor	161	116

Design	Order no.	PU
Berker TS Sensor		
glass polar white	**7514 38 30**	1
glass black	**7514 38 35**	1
glass aluminium	**7514 30 34**	1
Berker TS Sensor - configured		
glass polar white	**7514 39 30**	1
glass black	**7514 39 35**	1
glass aluminium	**7514 31 34**	1

Glass sensor 4gang comfort

- integrated bus coupling unit

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

Only suitable for KNX.

- with blue operation LED and 8 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Wall box 2gang flat	1871	39
optional		
Temperature sensor	161	116

Design	Order no.	PU
Berker TS Sensor		
glass polar white	**7514 48 30**	1
glass black	**7514 48 35**	1
glass aluminium	**7514 40 34**	1
Berker TS Sensor - configured		
glass polar white	**7514 49 30**	1
glass black	**7514 49 35**	1
glass aluminium	**7514 41 34**	1

Glass sensors with thermostat

- With integral bus coupling unit
- Operation by gently touching the sensor surfaces on the white LEDs
- For switch, push-button, dimmer, blind and thermostat functions
- Single and two push-button operation parameterisable
- Retrieval, setting and storing of 8 light scenes
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- For heating and/or cooling mode with/without auxiliary step
- Controller operating modes: comfort, standby, night and frost/heat protection mode
- LED display with symbol display
- With 2 additional sensor surfaces for display control
- Display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- Integrated temperature sensor
- Temperature measurement via internal and/or external temperature sensor with mean value formation
- Additional connection for external temperature sensor
- Usable as thermostat extension unit
- Temperature control via local measurement or measured value via object
- Blocking function for sensor surface e.g. for cleaning the glass surface
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- Separate auxiliary power supply needed
- Operation with non-choked output of KNX voltage supply possible (pay attention to current consumption)
- Bus connection via connecting terminal
- For vertical mounting
- For mounting, always use the flat 2gang wall box, order no. 1871
- With adapter ring for dismantling protection and shadow gap formation
- With disassembly suction tool
- For individually labelled glass and touch sensors (configured variations), the Web Configurator generates a layout number, which must be additionally specified when placing the order.
- Many options for labelling (text and/or icons) are available via the **web configurator** at http://ts-glas-sensor.berker.de

Glass sensor 2gang with thermostat

- integrated bus coupling unit

Operating voltage	21 ... 32 V=
Current consumption	23 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	86 x 160 x 5.7 mm

Only suitable for KNX.

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

Suitable for	Order no.	Page
Power supply 24 V DC RMD	TGA200	101
Wall box 2gang flat	1871	39
optional		
Temperature sensor	161	116

Design	Order no.	PU
Berker TS Sensor		
glass polar white	**7564 20 30**	1
glass black	**7564 20 35**	1
glass aluminium	**7564 20 34**	1
Berker TS Sensor - configured		
glass polar white	**7564 21 30**	1
glass black	**7564 21 35**	1
glass aluminium	**7564 21 34**	1

Glass sensor 3gang with thermostat

- integrated bus coupling unit

Operating voltage	21 ... 32 V=
Current consumption	23 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	86 x 160 x 5.7 mm

Only suitable for KNX.

- with blue operation LED and 6 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Wall box 2gang flat	1871	39
Power supply 24 V DC RMD	TGA200	101
optional		
Temperature sensor	161	116

Design	Order no.	PU
Berker TS Sensor		
glass polar white	**7564 30 30**	1
glass black	**7564 30 35**	1
glass aluminium	**7564 30 34**	1
Berker TS Sensor - configured		
glass polar white	**7564 31 30**	1
glass black	**7564 31 35**	1
glass aluminium	**7564 31 34**	1

Glass sensors

- Operation by gently touching the sensor surfaces on the white LEDs
- The blue LED can be set for Continuously ON or external activation
- The white LED can be set for Sensor operation or external activation
- Separate auxiliary power supply needed
- For vertical mounting
- With adapter ring for dismantling protection, shadow jointing and special installation conditions
- With disassembly suction tool
- For individually labelled glass and touch sensors (configured variations), the Web Configurator generates a layout number, which must be additionally specified when placing the order.
- Many options for labelling (text and/or icons) are available via the **web configurator** at http://ts-glas-sensor.berker.de

Glass sensor 1gang

Operating voltage	8 ... 30 V=
LED input voltage	max. 5 V=
Switching voltage	max. 30 V
LED input current	max. 1 mA
Max. switching current	10 mA
Surface adjustment	20 mm
Dimensions (W x H x D)	86 x 160 x 5.7 mm

- flush wall mounting possible with wall box, 2gang, order no. 1870
- Relay applications:
- wiring with adapter for KNX and relay

Suitable for	Order no.	Page
Power supply 24 V DC RMD	TGA200	101
Adapter for KNX and relay	7590 00 32	39
Wall box 2gang	1870	39

Design	Order no.	PU
Berker TS Sensor		
glass polar white	**1681 00**	1
glass black	**1681 05**	1
glass aluminium	**1681 07**	1

Glass sensor 2gang

Operating voltage	8 ... 30 V=
LED input voltage	max. 5 V=
Switching voltage	max. 30 V
LED input current	max. 1 mA
Max. switching current	10 mA
Current consumption (operation)	≈ 26 mA
Surface adjustment	20 mm
Dimensions (W x H x D)	86 x 160 x 5.7 mm

- flush wall mounting possible with wall box, 2gang, order no. 1870
- Relay applications:
- wiring with adapter for KNX and relay

Suitable for	Order no.	Page
Power supply 24 V DC RMD	TGA200	101
Adapter for KNX and relay	7590 00 32	39
Wall box 2gang	1870	39

Design	Order no.	PU
Berker TS Sensor		
glass polar white	**1682 00**	1
glass black	**1682 05**	1
glass aluminium	**1682 07**	1

Glass sensor 3gang

Operating voltage	8 ... 30 V=
LED input voltage	max. 5 V=
Switching voltage	max. 30 V
LED input current	max. 1 mA
Max. switching current	10 mA
Current consumption (operation)	≈ 32 mA
Surface adjustment	20 mm
Dimensions (W x H x D)	86 x 160 x 5.7 mm

- flush wall mounting possible with wall box, 2gang, order no. 1870
- Relay applications:
- wiring with adapter for KNX and relay

Suitable for	Order no.	Page
Power supply 24 V DC RMD	TGA200	101
Adapter for KNX and relay	7590 00 32	39
Wall box 2gang	1870	39
Wall box 2gang flat	1871	39

Design	Order no.	PU
Berker TS Sensor		
glass polar white	**1683 00**	1
glass black	**1683 05**	1
glass aluminium	**1683 07**	1

Glass sensor 4gang

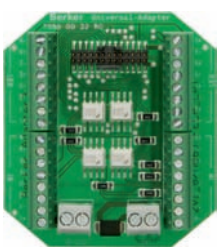
Operating voltage	8 ... 30 V=
LED input voltage	max. 5 V=
Switching voltage	max. 30 V
LED input current	max. 1 mA
Max. switching current	10 mA
Current consumption (operation)	≈ 38 mA
Surface adjustment	20 mm
Dimensions (W x H x D)	86 x 160 x 5.7 mm

- flush wall mounting possible with wall box, 2gang, order no. 1870
- Relay applications:
- wiring with adapter for KNX and relay

Suitable for	Order no.	Page
Power supply 24 V DC RMD	TGA200	101
Adapter for KNX and relay	7590 00 32	39
Wall box 2gang	1870	39
Wall box 2gang flat	1871	39

Design	Order no.	PU
Berker TS Sensor		
glass polar white	**1684 00**	1
glass black	**1684 05**	1
glass aluminium	**1684 07**	1

Supplementary products



Adapter for KNX and relay

- for wiring with universal interfaces, radio push-button interfaces or relay

Suitable for	Order no.	Page
Glass sensors		30

Design	Order no.	PU
Adapter for KNX and relay	**7590 00 32**	1

Wall boxes

Wall box 2gang flat

Dimensions (W x H x D)	68 x 139 x 47.5 mm
Cut hole pitch	71 mm
Cut hole Ø	2 x 68 mm

- flush wall-mounting or with adapter ring
- for flush mounting and hollow-wall mounting

Suitable for	Order no.	Page
Glass sensors comfort		35
Glass sensors with thermostat		37

Design	Order no.	PU
Wall box 2gang flat	**1871**	1

Wall box 2gang

Dimensions (W x H x D)	68 x 139 x 75 mm
Cut hole pitch	71 mm
Cut hole Ø	2 x 68 mm

- flush wall-mounting or with adapter ring
- for flush mounting and hollow-wall mounting

Suitable for	Order no.	Page
Glass sensors		38

Design	Order no.	PU
Wall box 2gang	**1870**	1

Berker R.1/R.3 touch sensors

Just right for the switch programmes in the R.-Design is the Berker Touch Sensor – in a soft (R.1) and cornered (R.3) contour as well as in the glass surfaces black and polar white.
The KNX-Touch Sensor has the same assembly height as the switches in the R.-Design.
With its integrated bus coupling unit, a variety of building functions can be read and controlled through it.

Berker by :hager

Touch sensors comfort

- With integral bus coupling unit
- Operation by gently touching the sensor surfaces on the white LEDs
- For switch, push-button, dimmer and shutter functions
- Single and two push-button operation parameterisable
- Retrieval, setting and storing of 8 light scenes
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- Temperature measurement via internal and/or external temperature sensor with mean value formation
- Additional connection for external temperature sensor
- Usable as thermostat extension unit
- Provision of the internal temperature value via communication object
- Blocking function for sensor surface e.g. for cleaning the glass surface
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- Bus connection via connecting terminal
- For mounting on a double box, e.g. order no. 1809 (flush mounting) or 1824 (hollow wall mounting)
- For vertical mounting
- With dismantling protection via a screw on the fastening ring
- For individually labelled glass and touch sensors (configured variations), the new Web Configurator generates a layout number, which must be additionally specified when placing the order.
- Many options for labelling (text and/or icons) are available via the **web configurator** at http://ts-glas-sensor.berker.de

Touch sensor 1gang comfort

- integrated bus coupling unit

Operating voltage	21 ... 32 V=
Current consumption	12.5 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	81 x 152 x 10 mm

- with blue operation LED and 2 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform R.1/R.3
- for suitable frames in the same “style” for additional applications, see the Design line R.x

Suitable for optional	Order no.	Page
Temperature sensor	161	116
Wall box	1809	31
Wall box for installation in hollow walls	1824	31

Design	Order no.	PU
Berker R.1		
glass polar white	**7514 18 60**	1
glass black	**7514 18 65**	1
Berker R.1 - configured		
glass polar white	**7514 11 60**	1
glass black	**7514 11 65**	1
Berker R.3		
glass polar white	**7514 18 50**	1
glass black	**7514 18 55**	1
Berker R.3 - configured		
glass polar white	**7514 11 50**	1
glass black	**7514 11 55**	1

Touch sensor 2gang comfort

- integrated bus coupling unit

Operating voltage	21 ... 32 V=
Current consumption	12.5 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	81 x 152 x 10 mm

- with blue operation LED and 4 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform R.1/R.3
- for suitable frames in the same “style” for additional applications, see the Design line R.x

Suitable for optional	Order no.	Page
Temperature sensor	161	116
Wall box	1809	31
Wall box for installation in hollow walls	1824	31

Design	Order no.	PU
Berker R.1		
glass polar white	**7514 28 60**	1
glass black	**7514 28 65**	1
Berker R.1 - configured		
glass polar white	**7514 21 60**	1
glass black	**7514 21 65**	1

Berker R.3		
glass polar white	**7514 28 50**	1
glass black	**7514 28 55**	1
Berker R.3 - configured		
glass polar white	**7514 21 50**	1
glass black	**7514 21 55**	1

Touch sensor 3gang comfort

- integrated bus coupling unit

Operating voltage	21 ... 32 V=
Current consumption	12.5 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	81 x 152 x 10 mm

- with blue operation LED and 6 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform R.1/R.3
- for suitable frames in the same “style” for additional applications, see the Design line R.x

Suitable for optional	Order no.	Page
Temperature sensor	161	116
Wall box	1809	31
Wall box for installation in hollow walls	1824	31

Design	Order no.	PU
Berker R.1		
glass polar white	**7514 38 60**	1
glass black	**7514 38 65**	1
Berker R.1 - configured		
glass polar white	**7514 31 60**	1
glass black	**7514 31 65**	1

Berker R.3		
glass polar white	**7514 38 50**	1
glass black	**7514 38 55**	1
Berker R.3 - configured		
glass polar white	**7514 31 50**	1
glass black	**7514 31 55**	1

Touch sensor 4gang comfort

- integrated bus coupling unit

Operating voltage	21 ... 32 V=
Current consumption	12.5 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	81 x 152 x 10 mm

- with blue operation LED and 8 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform R.1/R.3
- for suitable frames in the same “style” for additional applications, see the Design line R.x

Suitable for optional	Order no.	Page
Temperature sensor	161	116
Wall box	1809	31
Wall box for installation in hollow walls	1824	31

Design	Order no.	PU
Berker R.1		
glass polar white	**7514 48 60**	1
glass black	**7514 48 65**	1
Berker R.1 - configured		
glass polar white	**7514 41 60**	1
glass black	**7514 41 65**	1
Berker R.3		
glass polar white	**7514 48 50**	1
glass black	**7514 48 55**	1
Berker R.3 - configured		
glass polar white	**7514 41 50**	1
glass black	**7514 41 55**	1

Touch sensors with thermostat

- With integral bus coupling unit
- Operation by gently touching the sensor surfaces on the white LEDs
- For switch, push-button, dimmer, blind and thermostat functions
- Single and two push-button operation parameterisable
- One push-button operation for switching, buttons, blinds and dimming
- For individual single room temperature control
- For heating and/or cooling mode with/without auxiliary step
- Operating modes: comfort, standby, night operation and frost/heat protection adjustable
- LED display with symbol display
- With 2 additional sensor surfaces for display control
- Display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- Integrated temperature sensor
- Temperature measurement via internal and/or external temperature sensor with mean value formation
- Additional connection for external temperature sensor
- Provision of the internal temperature value via communication object
- Temperature control via local measurement or measured value via object
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- Separate auxiliary power supply needed
- Operation with non-choked output of KNX voltage supply possible (pay attention to current consumption)
- Bus connection via connecting terminal
- For mounting on a double box, e.g. order no. 1809 (flush mounting) or 1824 (hollow wall mounting)
- For vertical mounting
- With dismantling protection via a screw on the fastening ring
- For individually labelled glass and touch sensors (configured variations), the Web Configurator generates a layout number, which must be additionally specified when placing the order.
- Many options for labelling (text and/or icons) are available via the **web configurator** at http://ts-glas-sensor.berker.de

Touch sensor 2gang with thermostat

- integrated bus coupling unit

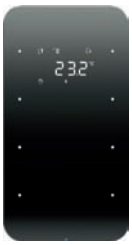
Operating voltage	21 ... 32 V=
Current consumption	23 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	81 x 152 x 10 mm

Only suitable for KNX.

- with blue operation LED and 4 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform R.1/R.3
-

Suitable for	Order no.	Page
Power supply 24 V DC RMD	TGA200	101
optional		
Temperature sensor	161	116
Wall box	1809	31
Wall box for installation in hollow walls	1824	31

Design	Order no.	PU
Berker R.1		
glass polar white	**7564 20 60**	1
glass black	**7564 20 65**	1
Berker R.1 - configured		
glass polar white	**7564 21 60**	1
glass black	**7564 21 65**	1
Berker R.3		
glass polar white	**7564 20 50**	1
glass black	**7564 20 55**	1
Berker R.3 - configured		
glass polar white	**7564 21 50**	1
glass black	**7564 21 55**	1



Touch sensor 3gang with thermostat

- integrated bus coupling unit

Operating voltage	21 ... 32 V=
Current consumption	23 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	81 x 152 x 10 mm

Only suitable for KNX.

- with blue operation LED and 6 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform R.1/R.3
- for suitable frames in the same “style” for additional applications, see the Design line R.x

Suitable for	Order no.	Page
Power supply 24 V DC RMD	TGA200	101
optional		
Temperature sensor	161	116
Wall box	1809	31
Wall box for installation in hollow walls	1824	31

Design	Order no.	PU
Berker R.1		
glass polar white	**7564 30 60**	1
glass black	**7564 30 65**	1
Berker R.1 - configured		
glass polar white	**7564 31 60**	1
glass black	**7564 31 65**	1
Berker R.3		
glass polar white	**7564 30 50**	1
glass black	**7564 30 55**	1
Berker R.3 - configured		
glass polar white	**7564 31 50**	1
glass black	**7564 31 55**	1

Berker KNX push-buttons & visualisation

There are devices which want to show everyone, all the time, what they can do. And there are those all-rounders, who hide their technical perfection and spacious insert width behind a discreet surface. These include our KNX control sections, which can be integrated easily into our switch range using simply their design or using a frame.

Berker by :hager

Push-buttons standard and comfort ranges

Bus coupling unit flush-mounted

Operating voltage over bus	21 ... 32 V=
Power consumption, KNX	≈ 100 mW
Operating temperature	-5 ... +45 °C
Insertion depth	23 mm

- with programming button and red programming LED
- as interface between KNX user module and bus line
- bus connection via connecting terminal
- without spreader claws

Design	Order no.	PU
Bus coupling unit flush-mounted	**7504 00 01**	1

Berker S.1/B.3/B.7, K.1/K.5 - push-buttons

- For switch, push-button, dimmer and shutter functions
- Extension unit for light scene push-button
- With dismantling protection

Push-button 1gang comfort

- Labelling field
- Horizontal operation

Operating temperature	-5 ... +45 °C

- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- with white operation LED and 2 red status LEDs
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- single and two push-button operation parameterisable
- cyclic transmission can also be started via switching object
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	50

Design	Order no.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7516 17 80**	1
for anthracite and aluminium [1]	**7516 17 85**	1
Berker K.1/K.5		
polar white [2]	**7516 17 70**	1
anthracite [2]	**7516 17 75**	1
aluminium [2]	**7516 17 74**	1
stainless steel [2]	**7516 17 73**	1

[1] labelling field length (W x H): 52.3 x 52.3 mm
[2] labelling field length (W x H): 66.8 x 52.8 mm

Push-button 2gang comfort

- Labelling fields
- Horizontal operation

Operating temperature	-5 ... +45 °C

- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- with white operation LED and 4 red status LEDs
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- single and two push-button operation parameterisable
- cyclic transmission can also be started via switching object
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	50

Design	Order no.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7516 27 80**	1
for anthracite and aluminium [1]	**7516 27 85**	1

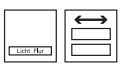
Berker K.1/K.5

polar white [2]	**7516 27 70**	1
anthracite [2]	**7516 27 75**	1
aluminium [2]	**7516 27 74**	1
stainless steel [2]	**7516 27 73**	1

[1] labelling field length (W x H): 52.3 x 24.9 mm
[2] labelling field length (W x H): 66.8 x 25 mm

Push-button 3gang comfort

- Labelling fields
- Horizontal operation



Operating temperature -5 ... +45 °C

– one push-button operation for switching, pushing, shutters and dimming
– activation of second user level via object
– with white operation LED and 6 red status LEDs
– alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
– single and two push-button operation parameterisable
– cyclic transmission can also be started via switching object
– value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

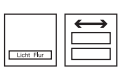
Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	50

Design	Order no.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7516 37 80**	1
for anthracite and aluminium [1]	**7516 37 85**	1
Berker K.1/K.5		
polar white [2]	**7516 37 70**	1
anthracite [2]	**7516 37 75**	1
aluminium [2]	**7516 37 74**	1
stainless steel [2]	**7516 37 73**	1

[1] labelling field length (W x H): 52.3 x 15.6 mm
[2] labelling field length (W x H): 66.8 x 15.7 mm

Push-button 4gang comfort

- Labelling fields
- Horizontal operation



Operating temperature -5 ... +45 °C

Use only in combination with frame frame with large cut-out.

– lockable via 3-button actuation
– one push-button operation for switching, pushing, shutters and dimming
– second operating level via object or 3-button handle
– with white operation LED and 8 red status LEDs
– alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
– single and two push-button operation parameterisable
– cyclic transmission can also be started via switching object
– value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

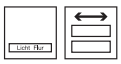
Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	50

Design	Order no.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7516 47 80**	1
for anthracite and aluminium [1]	**7516 47 85**	1
Berker K.1/K.5		
polar white [2]	**7516 47 70**	1
anthracite [2]	**7516 47 75**	1
aluminium [2]	**7516 47 74**	1
stainless steel [2]	**7516 47 73**	1

[1] labelling field length (W x H): 52.3 x 24.9 mm
[2] labelling field length (W x H): 66.8 x 25 mm

Push-button 1gang

- Labelling field
- Horizontal operation



– with white operation LED and 2 red status LEDs
– dimming / position value transmitter 1 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	50

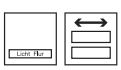
Operating temperature -5 ... +45 °C

Design	Order no.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7516 13 80**	1
for anthracite and aluminium [1]	**7516 13 85**	1
Berker K.1/K.5		
polar white [2]	**7516 13 70**	1
anthracite [2]	**7516 13 75**	1
aluminium [2]	**7516 13 74**	1
stainless steel [2]	**7516 13 73**	1

[1] labelling field length (W x H): 52.3 x 52.3 mm
[2] labelling field length (W x H): 66.8 x 52.8 mm

Push-button 2gang

- Labelling fields
- Horizontal operation



– with white operation LED and 4 red status LEDs
– dimming / position value transmitter 1 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	50

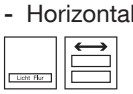
Operating temperature -5 ... +45 °C

Design	Order no.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7516 23 80**	1
for anthracite and aluminium [1]	**7516 23 85**	1
Berker K.1/K.5		
polar white [2]	**7516 23 70**	1
anthracite [2]	**7516 23 75**	1
aluminium [2]	**7516 23 74**	1
stainless steel [2]	**7516 23 73**	1

[1] labelling field length (W x H): 52.3 x 24.9 mm
[2] labelling field length (W x H): 66.8 x 25 mm

Push-button 3gang

- Horizontal operation



– with white operation LED and 6 red status LEDs
– dimming / position value transmitter 1 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	50

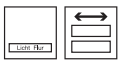
Operating temperature -5 ... +45 °C

Design	Order no.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7516 33 80**	1
for anthracite and aluminium [1]	**7516 33 85**	1
Berker K.1/K.5		
polar white [2]	**7516 33 70**	1
anthracite [2]	**7516 33 75**	1
aluminium [2]	**7516 33 74**	1
stainless steel [2]	**7516 33 73**	1

[1] labelling field length (W x H): 52.3 x 15.6 mm
[2] labelling field length (W x H): 66.8 x 15.7 mm

Push-button 4gang

- Labelling fields
- Horizontal operation



Operating temperature -5 ... +45 °C

Only for flush-mounted installation.

Use only in combination with frame frame with large cut-out.

– with white operation LED and 8 red status LEDs
– dimming / position value transmitter 1 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	50

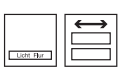
Design	Order no.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7516 43 80**	1
for anthracite and aluminium [1]	**7516 43 85**	1
Berker K.1/K.5		
polar white [2]	**7516 43 70**	1
anthracite [2]	**7516 43 75**	1
aluminium [2]	**7516 43 74**	1
stainless steel [2]	**7516 43 73**	1

[1] labelling field length (W x H): 52.3 x 24.9 mm
[2] labelling field length (W x H): 66.8 x 25 mm

Berker S.1/B.3/B.7, K.1/K.5 - push-buttons for light scenes

Push-button 4gang for light scenes

- Labelling fields
- Horizontal operation



Number of load groups (increase on cascading) 8
Light scenes max. 8
Operating temperature -5 ... +45 °C
Assembling height - plastic version 15 mm
Labelling field length (W x H) 52.3 x 24.9 mm

Use only in combination with frame frame with large cut-out.

– retrieval, adjustment and storage of 8 light scenes
– light scene push-buttons can be cascaded
– with white operation LED and 8 red status LEDs
– second operating level for setting load groups via 3-button actuation
– dimming / position value transmitter 1 byte
– for bus coupling unit flush-mounted
– with anti-dismantling protection

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	50

Design	Order no.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7516 88 80**	1
for anthracite and aluminium [1]	**7516 88 85**	1
Berker K.1/K.5		
polar white [2]	**7516 88 70**	1
anthracite [2]	**7516 88 75**	1
aluminium [2]	**7516 88 74**	1
stainless steel [2]	**7516 88 73**	1

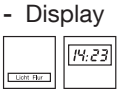
[1] labelling field length (W x H): 52.3 x 24.9 mm
[2] labelling field length (W x H): 66.8 x 25 mm

Berker S.1/B.3/B.7, K.1/K.5 - push-buttons with thermostat

- For switch, push-button, dimmer, blind and thermostat functions
- Single and two push-button operation parameterisable
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- For individual single room temperature control
- For heating and/or cooling mode with/without auxiliary step
- Controller operating modes: comfort, standby, night and frost/heat protection mode
- LC display with symbol display
- With 2 additional function buttons for display control
- Display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- Temperature measurement via internal and/or external temperature sensor with mean value formation
- With room temperature timer
- For installation in single standard wall boxes
- For continuous (PI) or switched (2-point) control of max. 2 control circuits
- With dismantling protection
- With button blocking function
- End customer display scope parameterisable
- Separate object for window contact
- Programmable from ETS2, V1.2a
- Alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- Presence button parameterisable to extend comfort
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

Push-button 2gang with thermostat

- Labelling fields
- Display



– with white operation LED and 4 red status LEDs

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	50

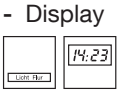
Operating temperature -5 ... +45 °C

Design	Order no.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7566 27 80**	1
for anthracite and aluminium [1]	**7566 27 85**	1
Berker K.1/K.5		
polar white [2]	**7566 27 70**	1
anthracite [2]	**7566 27 75**	1
aluminium [2]	**7566 27 74**	1
stainless steel [2]	**7566 27 73**	1

[1] labelling field length (W x H): 52.3 x 15.6 mm
[2] labelling field length (W x H): 66.8 x 15.7 mm

Push-button 3gang with thermostat

- Labelling fields
- Display



– with white operation LED and 6 red status LEDs

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	50

Operating temperature -5 ... +45 °C

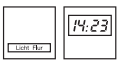
Use only in combination with frame frame with large cut-out.

Design	Order no.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7566 37 80**	1
for anthracite and aluminium [1]	**7566 37 85**	1
Berker K.1/K.5		
polar white [2]	**7566 37 70**	1
anthracite [2]	**7566 37 75**	1
aluminium [2]	**7566 37 74**	1
stainless steel [2]	**7566 37 73**	1

[1] labelling field length (W x H): 52.3 x 24.9 mm
[2] labelling field length (W x H): 66.8 x 25 mm

Push-button 5gang with thermostat

- Labelling fields
- Display



Operating temperature -5 ... +45 °C

Use only in combination with frame frame with large cut-out.

– with white operation LED and 10 red status LEDs

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	50
Glass frame with large cut-out	1309 64 ..	74

Design	Order no.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7566 57 80**	1
for anthracite and aluminium [1]	**7566 57 85**	1
Berker K.1/K.5		
polar white [2]	**7566 57 70**	1
anthracite [2]	**7566 57 75**	1
aluminium [2]	**7566 57 74**	1
stainless steel [2]	**7566 57 73**	1

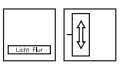
[1] labelling field length (W x H): 52.3 x 15.6 mm
[2] labelling field length (W x H): 66.8 x 15.7 mm

Berker Q.1/Q.3 - push-buttons with bus coupling unit

– For switch, push-button, dimmer and shutter functions
– Extension unit for light scene push-button
– With dismantling protection

Push-button 1gang comfort

- Labelling field
- integrated bus coupling unit



Operating temperature	-5 ... +45 °C
Labelling field length (W x H)	56.4 x 56.4 mm

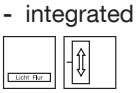
– single and two push-button operation parameterisable
– one push-button operation for switching, pushing, shutters and dimming
– retrieval, adjustment and storage of 8 light scenes
– usable as thermostat extension unit
– with white operation LED and 2 amber status LEDs
– value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
– cyclic transmission can also be started via switching object

Suitable for replacement	Order no.	Page
Labelling field foils for push-buttons 1gang	9498 29 01	59

Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety	**7514 13 29**	1
anthracite velvety	**7514 13 26**	1

Push-button 2gang comfort

- Labelling fields
- integrated bus coupling unit

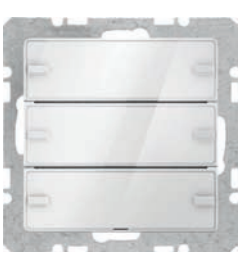


Operating temperature	-5 ... +45 °C
Labelling field length (W x H)	56.4 x 26.8 mm

– single and two push-button operation parameterisable
– one push-button operation for switching, pushing, shutters and dimming
– retrieval, adjustment and storage of 8 light scenes
– usable as thermostat extension unit
– with white operation LED and 4 amber status LEDs
– value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
– cyclic transmission can also be started via switching object

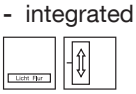
Suitable for replacement	Order no.	Page
Labelling field foils for push-buttons 2gang, 3gang with thermostat	9498 30 02	59

Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety	**7514 23 29**	1
anthracite velvety	**7514 23 26**	1



Push-button 3gang comfort

- Labelling fields
- integrated bus coupling unit

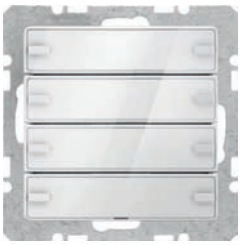


Operating temperature	-5 ... +45 °C
Labelling field length (W x H)	56.4 x 17 mm

– single and two push-button operation parameterisable
– one push-button operation for switching, pushing, shutters and dimming
– retrieval, adjustment and storage of 8 light scenes
– usable as thermostat extension unit
– with white operation LED and 6 amber status LEDs
– value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
– cyclic transmission can also be started via switching object

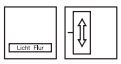
Suitable for replacement	Order no.	Page
Labelling field foils for push-buttons 3gang, 2-/5gang with thermostat	9498 31 03	59

Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety	**7514 33 29**	1
anthracite velvety	**7514 33 26**	1



Push-button 4gang comfort

- Labelling fields
- integrated bus coupling unit



Operating temperature -5 ... +45 °C
Labelling field length (W x H) 56.4 x 12 mm

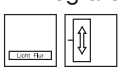
– single and two push-button operation parameterisable
– one push-button operation for switching, pushing, shutters and dimming
– retrieval, adjustment and storage of 8 light scenes
– usable as thermostat extension unit
– with white operation LED and 8 amber status LEDs
– value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
– cyclic transmission can also be started via switching object

Suitable for replacement	Order no.	Page
Labelling field foils for push-buttons 4gang	9498 32 04	60

Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety	**7514 43 29**	1
anthracite velvety	**7514 43 26**	1

Push-button 1gang

- Labelling field
- integrated bus coupling unit



Operating temperature -5 ... +45 °C
Labelling field length (W x H) 56.4 x 56.4 mm

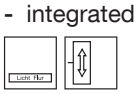
– with white operation LED and 2 amber status LEDs
– dimming / position value transmitter 1 byte

Suitable for replacement	Order no.	Page
Labelling field foils for push-buttons 1gang	9498 29 01	59

Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety	**7514 12 29**	1
anthracite velvety	**7514 12 26**	1

Push-button 2gang

- Labelling fields
- integrated bus coupling unit

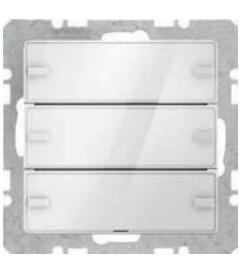


Operating temperature -5 ... +45 °C
Labelling field length (W x H) 56.4 x 26.8 mm

– with white operation LED and 4 amber status LEDs
– dimming / position value transmitter 1 byte

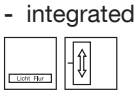
Suitable for replacement	Order no.	Page
Labelling field foils for push-buttons 2gang, 3gang with thermostat	9498 30 02	59

Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety	**7514 22 29**	1
anthracite velvety	**7514 22 26**	1



Push-button 3gang

- Labelling fields
- integrated bus coupling unit

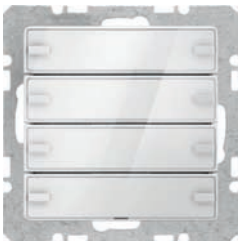


Operating temperature -5 ... +45 °C
Labelling field length (W x H) 56.4 x 17 mm

– with white operation LED and 6 amber status LEDs
– dimming / position value transmitter 1 byte

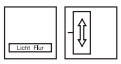
Suitable for replacement	Order no.	Page
Labelling field foils for push-buttons 3gang, 2-/5gang with thermostat	9498 31 03	59

Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety	**7514 32 29**	1
anthracite velvety	**7514 32 26**	1



Push-button 4gang

- Labelling fields
- integrated bus coupling unit



Operating temperature -5 ... +45 °C
Labelling field length (W x H) 56.4 x 12 mm

– with white operation LED and 8 amber status LEDs
– dimming / position value transmitter 1 byte

Suitable for replacement	Order no.	Page
Labelling field foils for push-buttons 4gang	9498 32 04	60

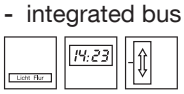
Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety	**7514 42 29**	1
anthracite velvety	**7514 42 26**	1

Berker Q.1/Q.3 - push-buttons with thermostat and bus coupling unit

– For switch, push-button, dimmer, blind and thermostat functions
– Single and two push-button operation parameterisable
– One push-button operation for switching, buttons, blinds and dimming
– Extension unit for light scene push-button
– For retrieval, saving and setting of 8 light scenes
– For individual single room temperature control
– For heating and/or cooling mode with/without auxiliary step
– Controller operating modes: comfort, standby, night and frost/heat protection mode
– LC display with symbol display
– With 2 additional function buttons for display control
– Display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
– Temperature measurement via internal and/or external temperature sensor with mean value formation
– With room temperature timer
– For installation in single standard wall boxes
– For continuous (PI) or switched (2-point) control of max. 2 control circuits
– With dismantling protection
– With button blocking function
– End customer display scope parameterisable
– Separate object for window contact
– Programmable from ETS2, V1.2a
– Alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
– Presence button parameterisable to extend comfort
– Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

Push-button 2gang with thermostat

- Labelling fields
- Display
- integrated bus coupling unit



Operating temperature -5 ... +45 °C
Labelling field length (W x H) 56.4 x 17 mm

– with white operation LED and 4 amber status LEDs

Suitable for replacement	Order no.	Page
Labelling field foils for push-buttons 3gang, 2-/5gang with thermostat	9498 31 03	59

Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety	**7566 27 29**	1
anthracite velvety	**7566 27 26**	1

Push-button 3gang with thermostat

- Labelling fields
- Display
- integrated bus coupling unit

Operating temperature -5 ... +45 °C
Labelling field length (W x H) 56.4 x 26.8 mm

Use only in combination with frame frame with large cut-out.

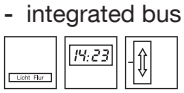
– with white operation LED and 6 amber status LEDs

Suitable for replacement	Order no.	Page
Labelling field foils for push-buttons 2gang, 3gang with thermostat	9498 30 02	59

Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety	**7566 37 29**	1
anthracite velvety	**7566 37 26**	1

Push-button 5gang with thermostat

- Labelling fields
- Display
- integrated bus coupling unit



Operating temperature -5 ... +45 °C
Labelling field length (W x H) 56.4 x 17 mm

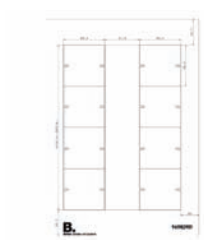
Use only in combination with frame frame with large cut-out.

– with white operation LED and 10 amber status LEDs

Suitable for replacement	Order no.	Page
Labelling field foils for push-buttons 3gang, 2-/5gang with thermostat	9498 31 03	59

Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety	**7566 57 29**	1
anthracite velvety	**7566 57 26**	1

Berker Q.1/Q.3 - accessories



Labelling field foils for push-buttons 1gang

Suitable for inkjet and laser printers.
UV-resistant.
Template available as a download in Word format at www.africa.hager.com/bs/Q1_label_templates

– foil with 8 fields

Suitable for	Order no.	Page
Push-button 1gang	7514 12 2 ..	57
Push-button 1gang comfort	7514 13 2 ..	56

Design	Order no.	PU
polar white	**9498 29 01**	1

Labelling field foils for push-buttons 2gang, 3gang with thermostat

Suitable for inkjet and laser printers.
UV-resistant.
Template available as a download in Word format at www.africa.hager.com/bs/Q1_label_templates

– foil with 18 fields

Suitable for	Order no.	Page
Push-button 2gang	7514 22 2 ..	57
Push-button 2gang comfort	7514 23 2 ..	56
Push-button 3gang with thermostat	7566 37 2 ..	59

Design	Order no.	PU
polar white	**9498 30 02**	1

Labelling field foils for push-buttons 3gang, 2-/5gang with thermostat

Suitable for inkjet and laser printers.
UV-resistant.
Template available as a download in Word format at www.africa.hager.com/bs/Q1_label_templates

– foil with 30 fields

Suitable for	Order no.	Page
Push-button 3gang	7514 32 2 ..	57
Push-button 3gang comfort	7514 33 2 ..	56
Push-button 2gang with thermostat	7566 27 2 ..	50
Push-button 5gang with thermostat	7566 57 2 ..	59

Design	Order no.	PU
polar white	**9498 31 03**	1

Labelling field foils for push-buttons 4gang

Suitable for inkjet and laser printers.
UV-resistant.
Template available as a download in Word format at www.africa.hager.com/bs/Q1_label_templates

– foil with 42 fields

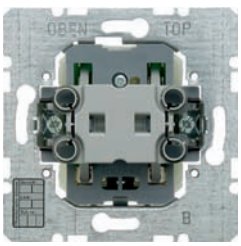
Suitable for	Order no.	Page
Push-button 4gang	7514 42 2 ..	58
Push-button 4gang comfort	7514 43 2 ..	57

Design	Order no.	PU
polar white	**9498 32 04**	1

Push-button with bus coupling unit

Flush-mounted installation.

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



Push-button 1gang

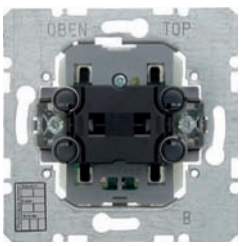
- integrated bus coupling unit

Operating voltage over bus	21 ... 32 V=
Power consumption, KNX	≈ 108 mW
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

– for switch and push-button functions
– with red programming LED and red status LED
– with programming button
– bus connection via connecting terminal

Use rockers from flush-mounted ranges.

Design	Order no.	PU
Push-button 1gang	**7514 10 00**	1



Group push-button 1gang

- integrated bus coupling unit

Operating voltage over bus	21 ... 32 V=
Power consumption, KNX	≈ 108 mW
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

– for switch, push-button, dimmer and shutter functions
– with neutral-position
– with red programming LED and red status LED
– with programming button
– bus connection via connecting terminal

Use rockers from flush-mounted ranges.

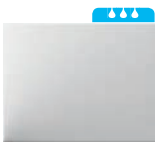
Design	Order no.	PU
Group push-button 1gang	**7514 11 00**	1

Rocker

Suitable for	Order no.	Page
Push-button 1gang	7514 10 00	60
Group push-button 1gang	7514 11 00	60

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**1620 89 82**	10
polar white glossy	**1620 89 89**	10
polar white matt	**1620 19 09**	10
anthracite matt	**1620 16 06**	10
aluminium matt, lacquered	**1620 14 04**	10
polar white matt, Screw-on [1]	**1570 19 09**	10
anthracite matt, Screw-on [1]	**1570 16 06**	10
aluminium matt, lacquered, Screw-on [1]	**1570 14 04**	10

Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety	**1620 60 89**	10
anthracite velvety, lacquered	**1620 60 86**	10



Berker K.1/K.5		
polar white glossy	**1405 70 09**	10
anthracite matt, lacquered	**1405 70 06**	10
Aluminium, aluminium anodised	**1405 70 03**	10
Stainless steel, metal matt finish	**1405 70 04**	10

Berker Arsys		
white glossy	**1405 00 02**	10
polar white glossy	**1405 00 69**	10
brown glossy	**1405 00 01**	10
light bronze matt, aluminium lacquered	**1404 00 01**	10
Stainless steel, metal matt finish	**1404 00 04**	10
gold matt, aluminium anodised	**1404 00 02**	10
Stainless steel, metal matt finish, Screw-on [1]	**1404 00 10**	10

Berker R.1/R.3		
polar white glossy	**1620 20 89**	10
black glossy	**1620 20 45**	10

[1] with cover plug for screw fitting

Rocker with imprint symbol

Suitable for	Order no.	Page
Push-button 1gang	7514 10 00	60
Group push-button 1gang	7514 11 00	60

Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety, with imprinted symbol for light	**1620 60 49**	10
anthracite velvety, lacquered, with imprinted symbol for light	**1620 60 46**	10
polar white velvety, with imprinted symbol for bell	**1620 60 59**	10
anthracite velvety, lacquered, with imprinted symbol for bell	**1620 60 56**	10
polar white velvety, with imprinted symbol for door opener	**1620 60 69**	10
anthracite velvety, lacquered, with imprinted symbol for door opener	**1620 60 66**	10

Berker R.1/R.3		
polar white glossy, with imprinted symbol for light	**1620 20 79**	10
black glossy, with imprinted symbol for light	**1620 20 35**	10
polar white glossy, with imprinted symbol for bell	**1620 20 69**	10
black glossy, with imprinted symbol for bell	**1620 20 25**	10
polar white glossy, with imprinted symbol for door opener	**1620 20 59**	10
black glossy, with imprinted symbol for door opener	**1620 20 15**	10

Rocker

- Labelling field

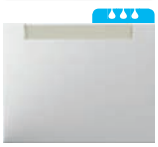
Suitable for	Order no.	Page
Push-button 1gang	7514 10 00	60
Group push-button 1gang	7514 11 00	60

For labelling with names, notes etc.

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

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**1626 89 82**	10
polar white glossy	**1626 89 89**	10
polar white matt	**1626 19 09**	10
anthracite matt	**1626 16 06**	10
aluminium matt, lacquered	**1626 14 04**	10

Berker Q.1/Q.3		
polar white velvety	**1626 60 89**	10
anthracite velvety, lacquered	**1626 60 86**	10



Berker K.1/K.5		
polar white glossy	**1426 70 09**	10
anthracite matt, lacquered	**1426 70 06**	10
Aluminium, aluminium anodised	**1426 70 03**	10
Stainless steel, metal matt finish	**1426 70 04**	10

Berker Arsys		
white glossy	**1426 00 02**	10
polar white glossy	**1426 00 69**	10
brown glossy	**1426 00 01**	10
light bronze matt, aluminium lacquered	**1436 00 01**	10
Stainless steel, metal matt finish	**1436 00 04**	10
gold matt, aluminium anodised	**1436 00 02**	10

[1] labelling field height arranged for 9 mm P-touch strips

Rocker

- Full-surface labelling field

Suitable for	Order no.	Page
Push-button 1gang	7514 10 00	60
Group push-button 1gang	7514 11 00	60

For labelling with names, notes etc.

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

Design	Order no.	PU
Berker Arsys		
clear, with white labelling field	**1487 00**	10

Rocker

- Lens

Suitable for	Order no.	Page
Push-button 1gang	7514 10 00	60
Group push-button 1gang	7514 11 00	60

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

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**1621 89 82**	10
polar white glossy	**1621 89 89**	10
polar white matt	**1621 19 09**	10
anthracite matt	**1621 16 06**	10
aluminium matt, lacquered	**1621 14 04**	10
polar white matt, Screw-on [1]	**1572 19 09**	10
anthracite matt, Screw-on [1]	**1572 16 06**	10
aluminium matt, lacquered, Screw-on [1]	**1572 14 04**	10
Berker Q.1/Q.3		
polar white velvety [2]	**1621 60 89**	10
anthracite velvety, lacquered [2]	**1621 60 86**	10

Berker K.1/K.5		
polar white glossy	**1415 70 09**	10
anthracite matt, lacquered	**1415 70 06**	10
aluminium, aluminium anodised	**1415 70 03**	10
stainless steel, metal matt finish	**1415 70 04**	10
Berker Arsys		
white glossy	**1415 00 02**	10
polar white glossy	**1415 00 69**	10
brown glossy	**1415 00 01**	10
light bronze matt, aluminium lacquered	**1416 00 01**	10
stainless steel, metal matt finish	**1416 00 04**	10
gold matt, aluminium anodised	**1416 00 02**	10
stainless steel, metal matt finish, Screw-on [1]	**1414 00 10**	10
Berker R.1/R.3		
polar white glossy [3]	**1621 20 89**	10
black glossy [3]	**1621 20 45**	10

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

Rocker with imprinted symbol for light

- Lens

Lenses available in orange and clear.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/ push-buttons.

– for illumination and monitoring circuit

Suitable for	Order no.	Page
Push-button 1gang	7514 10 00	60
Group push-button 1gang	7514 11 00	60

Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety	**1621 60 79**	10
anthracite velvety, lacquered	**1621 60 76**	10
Berker R.1/R.3		
polar white glossy [1]	**1621 20 79**	10
black glossy [1]	**1621 20 35**	10

[1] with clear lens only

Rocker

- Labelling field
- Lens

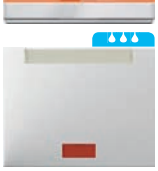
For labelling with names, notes etc.

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

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

– for illumination and monitoring circuit

Suitable for	Order no.	Page
Push-button 1gang	7514 10 00	60
Group push-button 1gang	7514 11 00	60

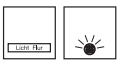


Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**1628 89 82**	10
polar white glossy	**1628 89 89**	10
polar white matt	**1628 19 09**	10
anthracite matt	**1628 16 06**	10
aluminium matt, lacquered	**1628 14 04**	10
Berker Q.1/Q.3		
polar white velvety [2]	**1628 60 89**	10
anthracite velvety, lacquered [2]	**1628 60 86**	10
Berker K.1/K.5		
polar white glossy [3]	**1415 71 09**	10
anthracite matt, lacquered [3]	**1415 71 06**	10
Aluminium, aluminium anodised [3]	**1415 71 03**	10
Stainless steel, metal matt finish [3]	**1415 71 04**	10
Berker Arsys		
white glossy	**1415 02 02**	10
polar white glossy	**1415 02 69**	10
brown glossy	**1415 02 01**	10
light bronze matt, aluminium lacquered	**1416 02 01**	10
Stainless steel, metal matt finish	**1416 02 04**	10

[1] labelling field height arranged for 9 mm P-touch strips
[2] only orange and clear lenses enclosed
[3] lenses with symbol for light, bell, door opener, also neutral in clear and red enclosed

Rocker with imprinted symbol for bell

- Labelling field
- Lens



For labelling with names, notes etc.

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

Lenses available in orange and clear.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/ push-buttons.

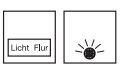
– for illumination and monitoring circuit

Suitable for	Order no.	Page
Push-button 1gang	7514 10 00	60
Group push-button 1gang	7514 11 00	60

Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety	**1628 60 79**	10
anthracite velvety, lacquered	**1628 60 76**	10

Rocker

- Large labelling field
- Lens



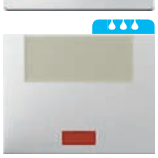
Labelling field (W x H) ≈ 50.8 x 25.5 mm

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

– for illumination and monitoring circuit

Suitable for	Order no.	Page
Push-button 1gang	7514 10 00	60
Group push-button 1gang	7514 11 00	60

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy [1]	**1696 89 82**	10
polar white glossy [1]	**1696 89 89**	10
polar white matt [1]	**1696 19 09**	10
anthracite matt [1]	**1696 16 06**	10
aluminium matt, lacquered [1]	**1696 14 04**	10
Berker Q.1/Q.3		
polar white velvety [2]	**1696 60 89**	10
anthracite velvety, lacquered [2]	**1696 60 86**	10



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

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

Rocker with imprinted symbol for bell

- Large labelling field
- Lens

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

For labelling with names, notes etc.

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

Lenses available in orange and clear.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/ push-buttons.

– for illumination and monitoring circuit

Suitable for	Order no.	Page
Push-button 1gang	7514 10 00	60
Group push-button 1gang	7514 11 00	60

Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety	**1696 60 79**	10
anthracite velvety, lacquered	**1696 60 76**	10

Rocker with imprint “0”

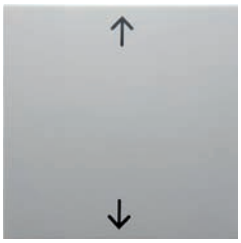
- Red lens

– for illumination and monitoring circuit

Suitable for	Order no.	Page
Group push-button 1gang	7514 11 00	60

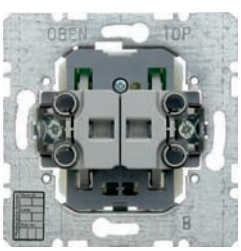
Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**1624 89 82**	10
polar white glossy	**1624 89 89**	10
polar white matt	**1624 19 09**	10
anthracite matt	**1624 16 06**	10
aluminium matt, lacquered	**1624 14 04**	10
polar white matt, Screw-on [1]	**1577 19 09**	10
anthracite matt, Screw-on [1]	**1577 16 06**	10
aluminium matt, lacquered, Screw-on [1]	**1577 14 04**	10
Berker Q.1/Q.3		
polar white velvety [2]	**1624 60 89**	10
anthracite velvety, lacquered [2]	**1624 60 86**	10

Berker K.1/K.5		
polar white glossy	**1417 71 09**	10
anthracite matt, lacquered	**1417 71 06**	10
Aluminium, aluminium anodised	**1417 71 03**	10
Stainless steel, metal matt finish	**1417 71 04**	10
Berker Arsys		
white glossy	**1417 00 02**	10
polar white glossy	**1417 00 69**	10
brown glossy	**1417 00 01**	10
light bronze matt, aluminium lacquered	**1418 00 01**	10
Stainless steel, metal matt finish	**1418 00 04**	10
Berker R.1/R.3		
polar white glossy [3]	**1624 20 89**	10
black glossy [3]	**1624 20 45**	10



Rocker with imprinted arrows symbol

	Suitable for Group push-button 1gang	Order no. 7514 11 00	Page 60
Design	Order no.		PU
Berker S.1/B.3/B.7			
white glossy	**1620 89 12**		10
polar white glossy	**1620 89 19**		10
polar white matt	**1620 19 19**		10
anthracite matt	**1620 16 16**		10
aluminium matt, lacquered	**1620 14 14**		10
Berker Q.1/Q.3			
polar white velvety	**1620 60 79**		10
anthracite velvety, lacquered	**1620 60 76**		10
Berker K.1/K.5			
polar white glossy	**1405 71 09**		10
anthracite matt, lacquered	**1405 71 06**		10
Aluminium, aluminium anodised	**1405 71 03**		10
Stainless steel, metal matt finish	**1405 71 04**		10
Berker Arsys			
white glossy	**1405 03 02**		10
polar white glossy	**1405 03 69**		10
brown glossy	**1405 03 01**		10
light bronze matt, aluminium lacquered	**1404 03 01**		10
Stainless steel, metal matt finish	**1404 03 04**		10
gold matt, aluminium anodised	**1404 03 02**		10
Berker R.1/R.3			
polar white glossy	**1620 20 49**		10
black glossy	**1620 20 05**		10



Push-button 2gang

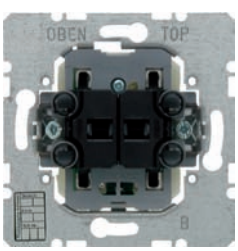
- integrated bus coupling unit

Operating voltage over bus	21 ... 32 V=
Power consumption, KNX	≈ 108 mW
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

– for switch, push-button, dimmer and shutter functions
– with red programming LED and 2 red status LEDs
– with programming button
– bus connection via connecting terminal

Use rockers from flush-mounted ranges.

Design	Order no.	PU
Push-button 2gang	**7514 20 00**	1



Group push-button 2gang

- integrated bus coupling unit

Operating voltage over bus	21 ... 32 V=
Power consumption, KNX	≈ 108 mW
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

– for switch, push-button, dimmer and shutter functions
– with neutral-position
– with red programming LED and 2 red status LEDs
– with programming button
– bus connection via connecting terminal

Use rockers from flush-mounted ranges.

Design	Order no.	PU
Group push-button 2gang	**7514 21 00**	1

Rocker 2gang

	Suitable for	Order no.	Page
	Push-button 2gang	7514 20 00	67
	Group push-button 2gang	7514 21 00	67

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**1623 89 82**	10
polar white glossy	**1623 89 89**	10
polar white matt	**1623 19 09**	10
anthracite matt	**1623 16 06**	10
aluminium matt, lacquered	**1623 14 04**	10
polar white matt, Screw-on [1]	**1571 19 09**	10
anthracite matt, Screw-on [1]	**1571 16 06**	10
aluminium matt, lacquered, Screw-on [1]	**1571 14 04**	10

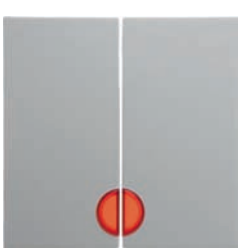
Berker Q.1/Q.3		
polar white velvety	**1623 60 89**	10
anthracite velvety, lacquered	**1623 60 86**	10

Berker K.1/K.5		
polar white glossy	**1435 70 09**	10
anthracite matt, lacquered	**1435 70 06**	10
Aluminium, aluminium anodised	**1435 70 03**	10
Stainless steel, metal matt finish	**1435 70 04**	10

Berker Arsys		
white glossy	**1435 00 02**	10
polar white glossy	**1435 00 69**	10
brown glossy	**1435 00 01**	10
light bronze matt, aluminium lacquered	**1434 00 01**	10
Stainless steel, metal matt finish	**1434 00 04**	10
Stainless steel, metal matt finish, Screw-on [1]	**1434 00 10**	10

Berker R.1/R.3		
polar white glossy	**1623 20 89**	10
black glossy	**1623 20 45**	10

[1] with cover plug for screw fitting



Rocker 2gang

- Red lens

– for illumination and monitoring circuit

	Suitable for	Order no.	Page
	Push-button 2gang	7514 20 00	67
	Group push-button 2gang	7514 21 00	67

Design	Order no.	PU
Berker S.1/B.3/B.7		
Rocker 2gang, white glossy	**1627 89 82**	10
Rocker 2gang, polar white glossy	**1627 89 89**	10
Rocker 2gang, polar white matt	**1627 19 09**	10
Rocker 2gang, anthracite matt	**1627 16 06**	10
Rocker 2gang, aluminium matt, lacquered	**1627 14 04**	10

Berker Q.1/Q.3		
Rocker 2gang, polar white velvety [1]	**1627 60 89**	10
Rocker 2gang, anthracite velvety, lacquered [1]	**1627 60 86**	10

Design	Order no.	PU
Berker K.1/K.5		
Rocker 2gang, polar white glossy	**1437 70 09**	10
Rocker 2gang, anthracite matt, lacquered	**1437 70 06**	10
Rocker 2gang, aluminium matt, lacquered	**1437 70 03**	10
Rocker 2gang, stainless steel matt, lacquered	**1437 70 04**	10
Berker Arsys		
Rocker 2gang, white glossy	**1437 00 02**	10
Rocker 2gang, polar white glossy	**1437 00 69**	10
Rocker 2gang, brown glossy	**1437 00 01**	10
Berker R.1/R.3		
Rocker 2gang, polar white glossy [2]	**1627 20 89**	10
Rocker 2gang, black glossy [2]	**1627 20 45**	10

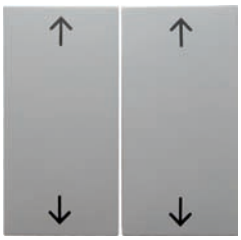
[1] with orange and clear lens
[2] with clear lens

Rocker 2gang with imprinted arrow symbol

	Suitable for Push-button 2gang	**Order no.** 7514 20 00	**Page** 67

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**1625 89 82**	10
polar white glossy	**1625 89 89**	10
polar white matt	**1625 19 09**	10
anthracite matt	**1625 16 06**	10
aluminium matt, lacquered	**1625 14 04**	10
Berker Q.1/Q.3		
polar white velvety	**1625 60 89**	10
anthracite velvety, lacquered	**1625 60 86**	10

Berker K.1/K.5		
polar white glossy	**1435 71 09**	10
anthracite matt, lacquered	**1435 71 06**	10
Aluminium, aluminium anodised	**1435 71 03**	10
Stainless steel, metal matt finish	**1435 71 04**	10
Berker Arsys		
white glossy	**1435 01 02**	10
polar white glossy	**1435 01 69**	10
brown glossy	**1435 01 01**	10
Stainless steel, metal matt finish	**1434 01 04**	10
gold matt, aluminium anodised	**1434 01 02**	10
Berker R.1/R.3		
polar white glossy	**1625 20 89**	10
black glossy	**1625 20 45**	10



Rocker 2gang with imprinted arrows symbol

	Suitable for Group push-button 2gang	Order no. 7514 21 00	Page 67
Design	Order no.		PU
Berker S.1/B.3/B.7			
white glossy	**1644 89 82**		10
polar white glossy	**1644 89 89**		10
polar white matt	**1644 19 09**		10
anthracite matt	**1644 16 06**		10
aluminium matt, lacquered	**1644 14 04**		10
Berker Q.1/Q.3			
polar white velvety	**1644 60 89**		10
anthracite velvety, lacquered	**1644 60 86**		10

Berker K.1/K.5			
polar white glossy	**1435 72 09**		10
anthracite matt, lacquered	**1435 72 06**		10
Aluminium, aluminium anodised	**1435 72 03**		10
Stainless steel, metal matt finish	**1435 72 04**		10

Berker Arsys			
white glossy	**1435 03 02**		10
polar white glossy	**1435 03 69**		10
brown glossy	**1435 03 01**		10
light bronze matt, aluminium lacquered	**1434 03 01**		10
Stainless steel, metal matt finish	**1434 03 04**		10
gold matt, aluminium anodised	**1434 03 02**		10

Berker R.1/R.3			
polar white glossy	**1644 20 89**		10
black glossy	**1644 20 45**		10

Berker R.1/R.3 - push-buttons

Push-buttons comfort

– For additional products to complement the installation in matching colours/materials, refer to the Design platform R.1/R.3

Push-button module 1gang comfort

- integrated bus coupling unit

Insertion depth	18.4 mm
Operating temperature	-5 ... +45 °C
Operating voltage over bus	21 ... 21 V=

– for switch, push-button, dimmer and shutter functions
– extension unit for light scene push-button
– with white operation LED and 2 RGB status LEDs (amber/green/blue)
– LED colour, brightness and display function adjustable for status LED, e.g. for day/night operation
– single and two push-button operation parameterisable
– one push-button operation for switching, pushing, shutters and dimming
– second operating channel can be set per button for switching or value transmitter
– activation of second user level via object
– value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

Design	Order no.	PU
Push-button module 1gang comfort	**7504 10 04**	1

Touch cover 1gang for push-button module

- Clear lenses

– with 2 clear lenses for the RGB status display of the push-button module

Design	Order no.	PU
Berker R.1/R.3		
polar white glossy	**7516 18 69**	1
black glossy	**7516 18 65**	1

Push-button module 2gang comfort

- integrated bus coupling unit

Insertion depth	18.4 mm
Operating temperature	-5 ... +45 °C
Operating voltage over bus	32 ... 32 V=

– for switch, push-button, dimmer and shutter functions
– extension unit for light scene push-button
– with white operation LED and 4 RGB status LEDs (amber/green/blue)
– LED colour, brightness and display function adjustable for status LED, e.g. for day/night operation
– single and two push-button operation parameterisable
– one push-button operation for switching, pushing, shutters and dimming
– second operating channel can be set per button for switching or value transmitter
– activation of second user level via object
– value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

Design	Order no.	PU
Push-button module 2gang comfort	**7504 20 04**	1

Touch cover 2gang for push-button module

- Clear lenses

– with 4 clear lenses for the RGB status display of the push-button module

Design	Order no.	PU
Berker R.1/R.3		
polar white glossy	**7516 28 69**	1
black glossy	**7516 28 65**	1

Berker S.1 frames

Frame

– for vertical and horizontal mounting

Design	Order no.	PU
Frame 1gang, white glossy, 1gang	**1011 89 82**	10
Frame 2gang, white glossy, 2gang	**1012 89 82**	10
Frame 3gang, white glossy, 3gang	**1013 89 82**	10
Frame 4gang, white glossy, 4gang	**1014 89 82**	2
Frame 5gang, white glossy, 5gang	**1015 89 82**	2

Frame

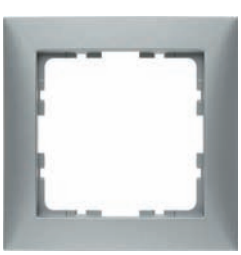
– for vertical and horizontal mounting

Design	Order no.	PU
Frame 1gang, polar white glossy, 1gang	**1011 89 89**	10
Frame 2gang, polar white glossy, 2gang	**1012 89 89**	10
Frame 3gang, polar white glossy, 3gang	**1013 89 89**	10
Frame 4gang, polar white glossy, 4gang	**1014 89 89**	2
Frame 5gang, polar white glossy, 5gang	**1015 89 89**	2
Frame 1gang, polar white matt, 1gang	**1011 99 09**	10
Frame 2gang, polar white matt, 2gang	**1012 99 09**	10
Frame 3gang, polar white matt, 3gang	**1013 99 09**	10
Frame 4gang, polar white matt, 4gang	**1014 99 09**	10
Frame 5gang, polar white matt, 5gang	**1015 99 09**	2

Frame

– for vertical and horizontal mounting

Design	Order no.	PU
Frame 1gang, anthracite matt, 1gang	**1011 99 49**	10
Frame 2gang, anthracite matt, 2gang	**1012 99 49**	10
Frame 3gang, anthracite matt, 3gang	**1013 99 49**	10
Frame 4gang, anthracite matt, 4gang	**1014 99 49**	2
Frame 5gang, anthracite matt, 5gang	**1015 99 49**	2



Frame

– for vertical and horizontal mounting

Design	Order no.	PU
Frame 1gang, aluminium matt, 1gang	**1011 99 39**	10
Frame 2gang, aluminium matt, 2gang	**1012 99 39**	10
Frame 3gang, aluminium matt, 3gang	**1013 99 39**	10
Frame 4gang, aluminium matt, 4gang	**1014 99 39**	2
Frame 5gang, aluminium matt, 5gang	**1015 99 39**	2

Frame

– for emphasising special switches, socket outlets, etc.
– for vertical and horizontal mounting

Design	Order no.	PU
Frame 1gang, red glossy, 1gang	**1011 89 62**	10
Frame 2gang, red glossy, 2gang	**1012 89 62**	2
Frame 3gang, red glossy, 3gang	**1013 89 62**	2
Frame 4gang, red glossy, 4gang	**1014 89 62**	2
Frame 5gang, red glossy, 5gang	**1015 89 62**	2

Frame

- Labelling field

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

Design	Order no.	PU
Frame 1gang, white glossy, 1gang	**1011 89 12**	10
Frame 2gang vertical, white glossy, 2gang vertical	**1012 89 12**	10
Frame 3gang vertical, white glossy, 3gang vertical	**1013 89 12**	10
Frame 2gang horizontal, white glossy, 2gang horizontal	**1022 89 12**	10
Frame 3gang horizontal, white glossy, 3gang horizontal	**1023 89 12**	10

Frame

- Labelling field

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

Design	Order no.	PU
Frame 1gang, polar white glossy, 1gang	**1011 89 19**	10
Frame 2gang vertical, polar white glossy, 2gang vertical	**1012 89 19**	10
Frame 3gang vertical, polar white glossy, 3gang vertical	**1013 89 19**	10
Frame 2gang horizontal, polar white glossy, 2gang horizontal	**1022 89 19**	10
Frame 3gang horizontal, polar white glossy, 3gang horizontal	**1023 89 19**	10
Frame 1gang, polar white matt, 1gang	**1011 99 19**	10
Frame 2gang vertical, polar white matt, 2gang vertical	**1012 99 19**	10
Frame 3gang vertical, polar white matt, 3gang vertical	**1013 99 19**	10
Frame 2gang horizontal, polar white matt, 2gang horizontal	**1022 99 19**	10
Frame 3gang horizontal, polar white matt, 3gang horizontal	**1023 99 19**	10

Frame

- Labelling field

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

Design	Order no.	PU
Frame 1gang, anthracite matt, 1gang	**1011 99 69**	10
Frame 2gang vertical, anthracite matt, 2gang vertical	**1012 99 69**	10
Frame 3gang vertical, anthracite matt, 3gang vertical	**1013 99 69**	10
Frame 2gang horizontal, anthracite matt, 2gang horizontal	**1022 99 69**	10
Frame 3gang horizontal, anthracite matt, 3gang horizontal	**1023 99 69**	10

Frame

- Labelling field

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

Design	Order no.	PU
Frame 1gang, aluminium matt, 1gang	**1011 99 59**	10
Frame 2gang vertical, aluminium matt, 2gang vertical	**1012 99 59**	10
Frame 3gang vertical, aluminium matt, 3gang vertical	**1013 99 59**	10
Frame 2gang horizontal, aluminium matt, 2gang horizontal	**1022 99 59**	10
Frame 3gang horizontal, aluminium matt, 3gang horizontal	**1023 99 59**	10

Frame with large cut-out

– For vertical mounting
– Not suitable for surface-mounted housing.

Frame with large cut-out

Suitable for	Order no.	Page
Push-button 4gang	7516 43 80	53
Push-button 4gang comfort	7516 47 80	51
Push-button 4gang for light scenes	7516 88 80	53
Push-button 3gang with thermostat	7566 37 80	54
Push-button 5gang with thermostat	7566 57 80	55

Design	Order no.	PU
white glossy	**1309 89 82**	10

Frame with large cut-out

Suitable for	Order no.	Page
Push-button 4gang	7516 43 80	53
Push-button 4gang comfort	7516 47 80	51
Push-button 4gang for light scenes	7516 88 80	53
Push-button 3gang with thermostat	7566 37 80	54
Push-button 5gang with thermostat	7566 57 80	55

Design	Order no.	PU
polar white glossy	**1309 89 89**	10
polar white matt	**1309 99 09**	10

Frame with large cut-out

Suitable for	Order no.	Page
Push-button 4gang	7516 43 85	53
Push-button 4gang comfort	7516 47 85	51
Push-button 4gang for light scenes	7516 88 85	53
Push-button 3gang with thermostat	7566 37 85	54
Push-button 5gang with thermostat	7566 57 85	55

Design	Order no.	PU
anthracite matt	**1309 99 49**	10

Frame with large cut-out

Suitable for	Order no.	Page
Push-button 4gang	7516 43 85	53
Push-button 4gang comfort	7516 47 85	51
Push-button 4gang for light scenes	7516 88 85	53
Push-button 3gang with thermostat	7566 37 85	54
Push-button 5gang with thermostat	7566 57 85	55

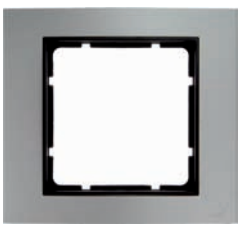
Design	Order no.	PU
aluminium matt	**1309 99 39**	10

Berker B.3 frames

– For vertical and horizontal mounting
– Metal, aluminum profile

Frame

Design	Order no.	PU
Aluminium/polar white matt, aluminium anodised, 1gang	**1011 39 04**	10
Aluminium/polar white matt, aluminium anodised, 2gang	**1012 39 04**	10
Aluminium/polar white matt, aluminium anodised, 3gang	**1013 39 04**	10
Aluminium/polar white matt, aluminium anodised, 4gang	**1014 39 04**	2
Aluminium/polar white matt, aluminium anodised, 5gang	**1015 39 04**	2

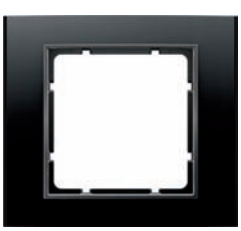


Frame

Design	Order no.	PU
aluminium/anthracite matt, aluminium anodised, 1gang	**1011 30 04**	10
aluminium/anthracite matt, aluminium anodised, 2gang	**1012 30 04**	10
aluminium/anthracite matt, aluminium anodised, 3gang	**1013 30 04**	10
aluminium/anthracite matt, aluminium anodised, 4gang	**1014 30 04**	2
aluminium/anthracite matt, aluminium anodised, 5gang	**1015 30 04**	2

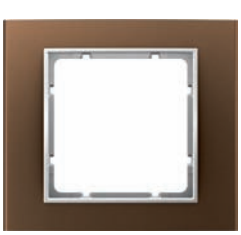
Frame

Design	Order no.	PU
Aluminium black/polar white matt, aluminium anodised, 1gang	**1011 30 25**	10
Aluminium black/polar white matt, aluminium anodised, 2gang	**1012 30 25**	10
Aluminium black/polar white matt, aluminium anodised, 3gang	**1013 30 25**	10
Aluminium black/polar white matt, aluminium anodised, 4gang	**1014 30 25**	2
Aluminium black/polar white matt, aluminium anodised, 5gang	**1015 30 25**	2



Frame

Design	Order no.	PU
Aluminium black/anthracite matt, aluminium anodised, 1gang	**1011 30 05**	10
Aluminium black/anthracite matt, aluminium anodised, 2gang	**1012 30 05**	10
Aluminium black/anthracite matt, aluminium anodised, 3gang	**1013 30 05**	10
Aluminium black/anthracite matt, aluminium anodised, 4gang	**1014 30 05**	2
Aluminium black/anthracite matt, aluminium anodised, 5gang	**1015 30 05**	2

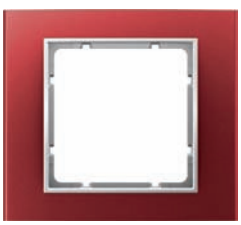


Frame

Design	Order no.	PU
Aluminium brown/polar white matt, aluminium anodised, 1gang	**1011 30 21**	10
Aluminium brown/polar white matt, aluminium anodised, 2gang	**1012 30 21**	10
Aluminium brown/polar white matt, aluminium anodised, 3gang	**1013 30 21**	10
Aluminium brown/polar white matt, aluminium anodised, 4gang	**1014 30 21**	2
Aluminium brown/polar white matt, aluminium anodised, 5gang	**1015 30 21**	2

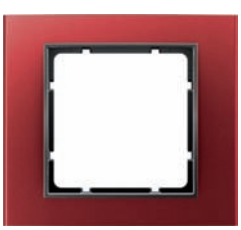
Frame

Design	Order no.	PU
Aluminium brown/anthracite matt, aluminium anodised, 1gang	**1011 30 01**	10
Aluminium brown/anthracite matt, aluminium anodised, 2gang	**1012 30 01**	10
Aluminium brown/anthracite matt, aluminium anodised, 3gang	**1013 30 01**	10
Aluminium brown/anthracite matt, aluminium anodised, 4gang	**1014 30 01**	2
Aluminium brown/anthracite matt, aluminium anodised, 5gang	**1015 30 01**	2



Frame

Design	Order no.	PU
Aluminium red/polar white matt, aluminium anodised, 1gang	**1011 30 22**	10
Aluminium red/polar white matt, aluminium anodised, 2gang	**1012 30 22**	10
Aluminium red/polar white matt, aluminium anodised, 3gang	**1013 30 22**	10
Aluminium red/polar white matt, aluminium anodised, 4gang	**1014 30 22**	2
Aluminium red/polar white matt, aluminium anodised, 5gang	**1015 30 22**	2

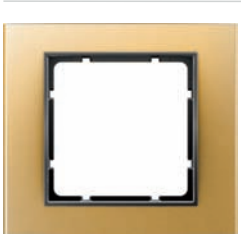


Frame

Design	Order no.	PU
Aluminium red/anthracite matt, aluminium anodised, 1gang	**1011 30 12**	10
Aluminium red/anthracite matt, aluminium anodised, 2gang	**1012 30 12**	10
Aluminium red/anthracite matt, aluminium anodised, 3gang	**1013 30 12**	10
Aluminium red/anthracite matt, aluminium anodised, 4gang	**1014 30 12**	2
Aluminium red/anthracite matt, aluminium anodised, 5gang	**1015 30 12**	2

Frame

Design	Order no.	PU
Aluminium gold/polar white matt, aluminium anodised, 1gang	**1011 30 46**	10
Aluminium gold/polar white matt, aluminium anodised, 2gang	**1012 30 46**	10
Aluminium gold/polar white matt, aluminium anodised, 3gang	**1013 30 46**	10
Aluminium gold/polar white matt, aluminium anodised, 4gang	**1014 30 46**	2
Aluminium gold/polar white matt, aluminium anodised, 5gang	**1015 30 46**	2



Frame

Design	Order no.	PU
Aluminium gold/anthracite matt, aluminium anodised, 1gang	**1011 30 16**	10
Aluminium gold/anthracite matt, aluminium anodised, 2gang	**1012 30 16**	10
Aluminium gold/anthracite matt, aluminium anodised, 3gang	**1013 30 16**	10
Aluminium gold/anthracite matt, aluminium anodised, 4gang	**1014 30 16**	2
Aluminium gold/anthracite matt, aluminium anodised, 5gang	**1015 30 16**	2

Frame with large cut-out

– For vertical mounting
– Metal, aluminum profile
– Not suitable for surface-mounted housing.

Frame with large cut-out

Suitable for	Order no.	Page
Push-button 4gang	7516 43 80	53
Push-button 4gang comfort	7516 47 80	51
Push-button 4gang for light scenes	7516 88 80	53
Push-button 3gang with thermostat	7566 37 80	54
Push-button 5gang with thermostat	7566 57 80	55

Design	Order no.	PU
Aluminium/polar white matt, aluminium anodised	**1309 39 04**	1

Frame with large cut-out

Suitable for	Order no.	Page
Push-button 4gang	7516 43 85	53
Push-button 4gang comfort	7516 47 85	51
Push-button 4gang for light scenes	7516 88 85	53
Push-button 3gang with thermostat	7566 37 85	54
Push-button 5gang with thermostat	7566 57 85	55

Design	Order no.	PU
aluminium/anthracite matt, aluminium anodised	**1309 30 04**	1

Frame with large cut-out

Suitable for	Order no.	Page
Push-button 4gang	7516 43 80	53
Push-button 4gang comfort	7516 47 80	51
Push-button 4gang for light scenes	7516 88 80	53
Push-button 3gang with thermostat	7566 37 80	54
Push-button 5gang with thermostat	7566 57 80	55

Design	Order no.	PU
Aluminium black/polar white matt, aluminium anodised	**1309 30 25**	1

Frame with large cut-out

Suitable for	Order no.	Page
Push-button 4gang	7516 43 85	53
Push-button 4gang comfort	7516 47 85	51
Push-button 4gang for light scenes	7516 88 85	53
Push-button 3gang with thermostat	7566 37 85	54
Push-button 5gang with thermostat	7566 57 85	55

Design	Order no.	PU
Aluminium black/anthracite matt, aluminium anodised	**1309 30 05**	1

Frame with large cut-out

Suitable for	Order no.	Page
Push-button 4gang	7516 43 80	53
Push-button 4gang comfort	7516 47 80	51
Push-button 4gang for light scenes	7516 88 80	53
Push-button 3gang with thermostat	7566 37 80	54
Push-button 5gang with thermostat	7566 57 80	55

Design	Order no.	PU
Aluminium brown/polar white matt, aluminium anodised	**1309 30 21**	1

Frame with large cut-out

Suitable for	Order no.	Page
Push-button 4gang	7516 43 85	53
Push-button 4gang comfort	7516 47 85	51
Push-button 4gang for light scenes	7516 88 85	53
Push-button 3gang with thermostat	7566 37 85	54
Push-button 5gang with thermostat	7566 57 85	55

Design	Order no.	PU
Aluminium brown/anthracite matt, aluminium anodised	**1309 30 01**	1

Frame with large cut-out

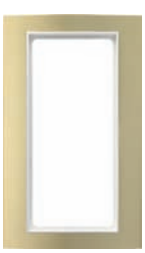
Suitable for	Order no.	Page
Push-button 4gang	7516 43 80	53
Push-button 4gang comfort	7516 47 80	51
Push-button 4gang for light scenes	7516 88 80	53
Push-button 3gang with thermostat	7566 37 80	54
Push-button 5gang with thermostat	7566 57 80	55

Design	Order no.	PU
Aluminium red/polar white matt, aluminium anodised	**1309 30 22**	1

Frame with large cut-out

Suitable for	Order no.	Page
Push-button 4gang	7516 43 85	53
Push-button 4gang comfort	7516 47 85	51
Push-button 4gang for light scenes	7516 88 85	53
Push-button 3gang with thermostat	7566 37 85	54
Push-button 5gang with thermostat	7566 57 85	55

Design	Order no.	PU
Aluminium red/anthracite matt, aluminium anodised	**1309 30 12**	1



Frame with large cut-out

Suitable for	Order no.	Page
Push-button 4gang	7516 43 80	53
Push-button 4gang comfort	7516 47 80	51
Push-button 4gang for light scenes	7516 88 80	53
Push-button 3gang with thermostat	7566 37 80	54
Push-button 5gang with thermostat	7566 57 80	55

Design	Order no.	PU
Aluminium gold/polar white matt, aluminium anodised	**1309 30 46**	1

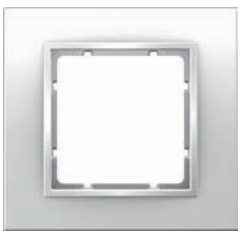
Frame with large cut-out

Suitable for	Order no.	Page
Push-button 4gang	7516 43 85	53
Push-button 4gang comfort	7516 47 85	51
Push-button 4gang for light scenes	7516 88 85	53
Push-button 3gang with thermostat	7566 37 85	54
Push-button 5gang with thermostat	7566 57 85	55

Design	Order no.	PU
Aluminium gold/anthracite matt, aluminium anodised	**1309 30 16**	1

Berker B.7 frames

– Not suitable for surface-mounted housing
– For vertical and horizontal mounting



Frame

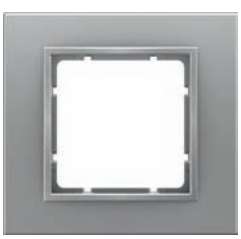
– plastic

Design	Order no.	PU
polar white matt, 1gang	**1011 69 19**	10
polar white matt, 2gang	**1012 69 19**	5
polar white matt, 3gang	**1013 69 19**	5
polar white matt, 4gang	**1014 69 19**	1
polar white matt, 5gang	**1015 69 19**	1

Frame

– plastic

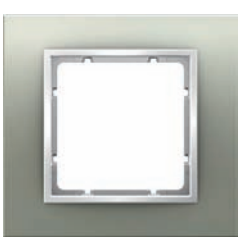
Design	Order no.	PU
anthracite matt, 1gang	**1011 66 26**	10
anthracite matt, 2gang	**1012 66 26**	5
anthracite matt, 3gang	**1013 66 26**	5
anthracite matt, 4gang	**1014 66 26**	1
anthracite matt, 5gang	**1015 66 26**	1



Frame

– plastic

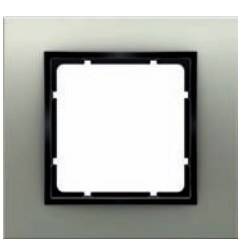
Design	Order no.	PU
aluminium matt, lacquered, 1gang	**1011 64 24**	10
aluminium matt, lacquered, 2gang	**1012 64 24**	5
aluminium matt, lacquered, 3gang	**1013 64 24**	5
aluminium matt, lacquered, 4gang	**1014 64 24**	1
aluminium matt, lacquered, 5gang	**1015 64 24**	1



Frame

– metal, aluminum profile anodized

Design	Order no.	PU
Aluminium/polar white matt, aluminium anodised, 1gang	**1011 69 14**	10
Aluminium/polar white matt, aluminium anodised, 2gang	**1012 69 14**	5
Aluminium/polar white matt, aluminium anodised, 3gang	**1013 69 14**	5
Aluminium/polar white matt, aluminium anodised, 4gang	**1014 69 14**	1
Aluminium/polar white matt, aluminium anodised, 5gang	**1015 69 14**	1



Frame

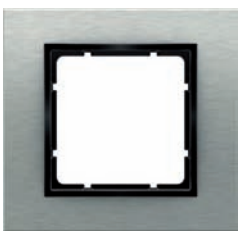
– metal, aluminum profile anodized

Design	Order no.	PU
aluminium/anthracite matt, aluminium anodised, 1gang	**1011 69 04**	10
aluminium/anthracite matt, aluminium anodised, 2gang	**1012 69 04**	5
aluminium/anthracite matt, aluminium anodised, 3gang	**1013 69 04**	5
aluminium/anthracite matt, aluminium anodised, 4gang	**1014 69 04**	1
aluminium/anthracite matt, aluminium anodised, 5gang	**1015 69 04**	1

Frame

– metal, stainless steel, brushed

Design	Order no.	PU
Stainless steel/polar white matt, metal brushed, 1gang	**1011 36 09**	10
Stainless steel/polar white matt, metal brushed, 2gang vertical	**1012 36 09**	5
Stainless steel/polar white matt, metal brushed, 3gang vertical	**1013 36 09**	5
Stainless steel/polar white matt, metal brushed, 4gang vertical	**1014 36 09**	1
Stainless steel/polar white matt, metal brushed, 5gang vertical	**1015 36 09**	1
Stainless steel/polar white matt, metal brushed, 2gang horizontal	**1022 36 09**	5
Stainless steel/polar white matt, metal brushed, 3gang horizontal	**1023 36 09**	5
Stainless steel/polar white matt, metal brushed, 4gang horizontal	**1024 36 09**	1
Stainless steel/polar white matt, metal brushed, 5gang horizontal	**1025 36 09**	1



Frame

– metal, stainless steel, brushed

Design	Order no.	PU
Stainless steel/anthracite matt, metal brushed, 1gang	**1011 36 06**	10
Stainless steel/anthracite matt, metal brushed, 2gang vertical	**1012 36 06**	5
Stainless steel/anthracite matt, metal brushed, 3gang vertical	**1013 36 06**	5
Stainless steel/anthracite matt, metal brushed, 4gang vertical	**1014 36 06**	1
Stainless steel/anthracite matt, metal brushed, 5gang vertical	**1015 36 06**	1
Stainless steel/anthracite matt, metal brushed, 2gang horizontal	**1022 36 06**	5
Stainless steel/anthracite matt, metal brushed, 3gang horizontal	**1023 36 06**	5
Stainless steel/anthracite matt, metal brushed, 4gang horizontal	**1024 36 06**	1
Stainless steel/anthracite matt, metal brushed, 5gang horizontal	**1025 36 06**	1

Frame

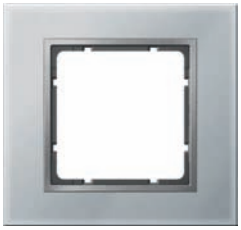
– toughened glass

Design	Order no.	PU
glass polar white/polar white matt, 1gang	**1011 69 09**	10
glass polar white/polar white matt, 2gang	**1012 69 09**	5
glass polar white/polar white matt, 3gang	**1013 69 09**	5
glass polar white/polar white matt, 4gang	**1014 69 09**	1
glass polar white/polar white matt, 5gang	**1015 69 09**	1

Frame

– toughened glass

Design	Order no.	PU
glass black/anthracite matt, 1gang	**1011 66 16**	10
glass black/anthracite matt, 2gang	**1012 66 16**	5
glass black/anthracite matt, 3gang	**1013 66 16**	5
glass black/anthracite matt, 4gang	**1014 66 16**	1
glass black/anthracite matt, 5gang	**1015 66 16**	1



Frame

– toughened glass

Design	Order no.	PU
glass aluminium/aluminium matt, lacquered, 1gang	**1011 64 14**	10
glass aluminium/aluminium matt, lacquered, 2gang	**1012 64 14**	5
glass aluminium/aluminium matt, lacquered, 3gang	**1013 64 14**	5
glass aluminium/aluminium matt, lacquered, 4gang	**1014 64 14**	1
glass aluminium/aluminium matt, lacquered, 5gang	**1015 64 14**	1

Frame with large cut-out

– For vertical mounting
– Not suitable for surface-mounted housing.

Frame with large cut-out

– plastic

Suitable for	Order no.	Page
Push-button 4gang	7516 43 80	53
Push-button 4gang comfort	7516 47 80	51
Push-button 4gang for light scenes	7516 88 80	53
Push-button 3gang with thermostat	7566 37 80	54
Push-button 5gang with thermostat	7566 57 80	55

Design	Order no.	PU
polar white matt, lacquered	**1309 69 19**	2

Frame with large cut-out

– plastic

Suitable for	Order no.	Page
Push-button 4gang	7516 43 85	53
Push-button 4gang comfort	7516 47 85	51
Push-button 4gang for light scenes	7516 88 85	53
Push-button 3gang with thermostat	7566 37 85	54
Push-button 5gang with thermostat	7566 57 85	55

Design	Order no.	PU
anthracite matt, lacquered	**1309 66 26**	2

Frame with large cut-out

– plastic

Suitable for	Order no.	Page
Push-button 4gang	7516 43 80	53
Push-button 4gang comfort	7516 47 80	51
Push-button 4gang for light scenes	7516 88 80	53
Push-button 3gang with thermostat	7566 37 80	54
Push-button 5gang with thermostat	7566 57 80	55

Design	Order no.	PU
aluminium matt, lacquered	**1309 64 24**	2

Frame with large cut-out

– metal, aluminum profile anodized

Suitable for	Order no.	Page
Push-button 4gang	7516 43 80	53
Push-button 4gang comfort	7516 47 80	51
Push-button 4gang for light scenes	7516 88 80	53
Push-button 3gang with thermostat	7566 37 80	54
Push-button 5gang with thermostat	7566 57 80	55

Design	Order no.	PU
Aluminium/polar white matt, aluminium anodised	**1309 69 14**	2

Frame with large cut-out

– metal, aluminum profile anodized

Suitable for	Order no.	Page
Push-button 4gang	7516 43 85	53
Push-button 4gang comfort	7516 47 85	51
Push-button 4gang for light scenes	7516 88 85	53
Push-button 3gang with thermostat	7566 37 85	54
Push-button 5gang with thermostat	7566 57 85	55

Design	Order no.	PU
aluminium/anthracite matt, aluminium anodised	**1309 69 04**	2

Frame with large cut-out

– stainless steel surface, brushed transversely

Suitable for	Order no.	Page
Push-button 4gang	7516 43 80	53
Push-button 4gang comfort	7516 47 80	51
Push-button 4gang for light scenes	7516 88 80	53
Push-button 3gang with thermostat	7566 37 80	54
Push-button 5gang with thermostat	7566 57 80	55

Design	Order no.	PU
Stainless steel/polar white matt, metal brushed	**1309 36 09**	2

Frame with large cut-out

– stainless steel surface, brushed transversely

Suitable for	Order no.	Page
Push-button 4gang	7516 43 85	53
Push-button 4gang comfort	7516 47 85	51
Push-button 4gang for light scenes	7516 88 85	53
Push-button 3gang with thermostat	7566 37 85	54
Push-button 5gang with thermostat	7566 57 85	55

Design	Order no.	PU
Stainless steel/anthracite matt, metal brushed	**1309 36 06**	2

Glass frame with large cut-out

– toughened glass

Suitable for	Order no.	Page
Push-button 4gang	7516 43 80	53
Push-button 4gang comfort	7516 47 80	51
Push-button 4gang for light scenes	7516 88 80	53
Push-button 3gang with thermostat	7566 37 80	54
Push-button 5gang with thermostat	7566 57 80	55

Design	Order no.	PU
glass polar white/polar white matt	**1309 69 09**	2

Glass frame with large cut-out

– toughened glass

Suitable for	Order no.	Page
Push-button 4gang	7516 43 85	53
Push-button 4gang comfort	7516 47 85	51
Push-button 4gang for light scenes	7516 88 85	53
Push-button 3gang with thermostat	7566 37 85	54
Push-button 5gang with thermostat	7566 57 85	55

Design	Order no.	PU
glass black/anthracite matt	**1309 66 16**	2

Glass frame with large cut-out

– toughened glass

Suitable for	Order no.	Page
Push-button 4gang	7516 43 80	53
Push-button 4gang comfort	7516 47 80	51
Push-button 4gang for light scenes	7516 88 80	53
Push-button 3gang with thermostat	7566 37 80	54
Push-button 5gang with thermostat	7566 57 80	55

Design	Order no.	PU
glass aluminium/aluminium matt, lacquered	**1309 64 14**	2

Berker K.1/K.5 frames

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

Frame

– for vertical and horizontal mounting

Design	Order no.	Suitable for optional Sealings IP44	Order no.	Page 97
				PU
polar white glossy, 1gang	**1313 70 09**			10
polar white glossy, 2gang vertical	**1323 70 09**			2
polar white glossy, 3gang vertical	**1333 70 09**			2
polar white glossy, 4gang vertical	**1343 70 09**			2
polar white glossy, 5gang vertical	**1353 70 09**			2
polar white glossy, 2gang horizontal	**1363 70 09**			2
polar white glossy, 3gang horizontal	**1373 70 09**			2
polar white glossy, 4gang horizontal	**1383 70 09**			2
polar white glossy, 5gang horizontal	**1393 70 09**			2

Frame

– for vertical and horizontal mounting

Design	Order no.	Suitable for optional Sealings IP44	Order no.	Page 97
				PU
anthracite matt, lacquered, 1gang	**1313 70 06**			10
anthracite matt, lacquered, 2gang vertical	**1323 70 06**			10
anthracite matt, lacquered, 3gang vertical	**1333 70 06**			2
anthracite matt, lacquered, 4gang vertical	**1343 70 06**			2
anthracite matt, lacquered, 5gang vertical	**1353 70 06**			2
anthracite matt, lacquered, 2gang horizontal	**1363 70 06**			10
anthracite matt, lacquered, 3gang horizontal	**1373 70 06**			2
anthracite matt, lacquered, 4gang horizontal	**1383 70 06**			2
anthracite matt, lacquered, 5gang horizontal	**1393 70 06**			2

Frame

Support plate thickness max. 2 mm

– for vertical and horizontal mounting

Design	Order no.	Suitable for optional Sealings IP44	Order no.	Page 97
				PU
Aluminium, aluminium anodised, 1gang	**1313 70 03**			10
Aluminium, aluminium anodised, 2gang vertical	**1323 70 03**			2
Aluminium, aluminium anodised, 3gang vertical	**1333 70 03**			2
Aluminium, aluminium anodised, 4gang vertical	**1343 70 03**			2
Aluminium, aluminium anodised, 5gang vertical	**1353 70 03**			2
Aluminium, aluminium anodised, 2gang horizontal	**1363 70 03**			2
Aluminium, aluminium anodised, 3gang horizontal	**1373 70 03**			2
Aluminium, aluminium anodised, 4gang horizontal	**1383 70 03**			2
Aluminium, aluminium anodised, 5gang horizontal	**1393 70 03**			2

Frame

– for vertical and horizontal mounting

Suitable for optional	Order no.	Page
Sealings IP44		97

Design	Order no.	PU
Stainless steel, metal matt finish, 1gang	**1313 70 04**	10
Stainless steel, metal matt finish, 2gang vertical	**1323 70 04**	2
Stainless steel, metal matt finish, 3gang vertical	**1333 70 04**	2
Stainless steel, metal matt finish, 4gang vertical	**1343 70 04**	2
Stainless steel, metal matt finish, 5gang vertical	**1353 70 04**	2
Stainless steel, metal matt finish, 2gang horizontal	**1363 70 04**	2
Stainless steel, metal matt finish, 3gang horizontal	**1373 70 04**	2
Stainless steel, metal matt finish, 4gang horizontal	**1383 70 04**	2
Stainless steel, metal matt finish, 5gang horizontal	**1393 70 04**	2

Frame with large cut-out

Frame with large cut-out

Not suitable for surface-mounted housing.

– for vertical mounting

Suitable for	Order no.	Page
Push-button 4gang	7516 43 70	53
Push-button 4gang comfort	7516 47 70	51
Push-button 4gang for light scenes	7516 88 70	53
Push-button 3gang with thermostat	7566 37 70	54
Push-button 5gang with thermostat	7566 57 70	55

Design	Order no.	PU
polar white glossy	**1309 70 09**	1

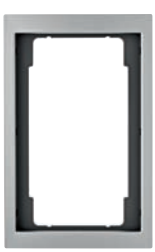
Frame with large cut-out

Not suitable for surface-mounted housing.

– for vertical mounting

Suitable for	Order no.	Page
Push-button 4gang	7516 43 75	53
Push-button 4gang comfort	7516 47 75	51
Push-button 4gang for light scenes	7516 88 75	53
Push-button 3gang with thermostat	7566 37 75	54
Push-button 5gang with thermostat	7566 57 75	55

Design	Order no.	PU
anthracite matt, lacquered	**1309 70 06**	1



Not suitable for surface-mounted housing.

– for vertical mounting

Suitable for	Order no.	Page
Push-button 4gang	7516 43 74	53
Push-button 4gang comfort	7516 47 74	51
Push-button 4gang for light scenes	7516 88 74	53
Push-button 3gang with thermostat	7566 37 74	54
Push-button 5gang with thermostat	7566 57 74	55

Design	Order no.	PU
Aluminium, aluminium anodised	**1309 70 03**	1

Frame with large cut-out

Not suitable for surface-mounted housing.

– for vertical mounting

Suitable for	Order no.	Page
Push-button 4gang	7516 43 73	53
Push-button 4gang comfort	7516 47 73	51
Push-button 4gang for light scenes	7516 88 73	53
Push-button 3gang with thermostat	7566 37 73	54
Push-button 5gang with thermostat	7566 57 73	55

Design	Order no.	PU
Stainless steel, metal matt finish	**1309 70 04**	1

Berker Q.1 frames

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

Frame

– for vertical and horizontal mounting

Design	Order no.	Suitable for optional Sealings IP44	Order no.	Page
				97
polar white velvety, 1gang	**1011 60 89**			10
polar white velvety, 2gang	**1012 60 89**			10
polar white velvety, 3gang	**1013 60 89**			2
polar white velvety, 4gang	**1014 60 89**			2
polar white velvety, 5gang	**1015 60 89**			2

Frame

– for vertical and horizontal mounting

Design	Order no.	Suitable for optional Sealings IP44	Order no.	Page
				97
anthracite velvety, lacquered, 1gang	**1011 60 86**			10
anthracite velvety, lacquered, 2gang	**1012 60 86**			10
anthracite velvety, lacquered, 3gang	**1013 60 86**			2
anthracite velvety, lacquered, 4gang	**1014 60 86**			2
anthracite velvety, lacquered, 5gang	**1015 60 86**			2

Frame

– for emphasising special switches, socket outlets, etc.
– for vertical and horizontal mounting

Design	Order no.	Suitable for optional Sealings IP44	Order no.	Page
				97
red velvety, 1gang	**1011 60 62**			10
red velvety, 2gang	**1012 60 62**			10
red velvety, 3gang	**1013 60 62**			2
red velvety, 4gang	**1014 60 62**			2
red velvety, 5gang	**1015 60 62**			2

Frame

- Labelling field

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

Design	Order no.	Suitable for optional Sealings IP44	Order no.	Page
				97
polar white velvety, 1gang	**1011 60 19**			10
polar white velvety, 2gang vertical	**1012 60 19**			10
polar white velvety, 3gang vertical	**1013 60 19**			10
polar white velvety, 4gang vertical	**1014 60 19**			2
polar white velvety, 5gang vertical	**1015 60 19**			2
polar white velvety, 2gang horizontal	**1022 60 19**			10
polar white velvety, 3gang horizontal	**1023 60 19**			10
polar white velvety, 4gang horizontal	**1024 60 19**			2
polar white velvety, 5gang horizontal	**1025 60 19**			2

Frame

- Labelling field

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

Suitable for optional	Order no.	Page
Sealings IP44		97

Design	Order no.	PU
anthracite velvety, lacquered, 1gang	**1011 60 16**	10
anthracite velvety, lacquered, 2gang vertical	**1012 60 16**	10
anthracite velvety, lacquered, 3gang vertical	**1013 60 16**	10
anthracite velvety, lacquered, 4gang vertical	**1014 60 16**	2
anthracite velvety, lacquered, 5gang vertical	**1015 60 16**	2
anthracite velvety, lacquered, 2gang horizontal	**1022 60 16**	10
anthracite velvety, lacquered, 3gang horizontal	**1023 60 16**	10
anthracite velvety, lacquered, 4gang horizontal	**1024 60 16**	2
anthracite velvety, lacquered, 5gang horizontal	**1025 60 16**	2

Frame with large cut-out

Frame with large cut-out

Not suitable for surface-mounted frames.

– for vertical mounting

Suitable for	Order no.	Page
Push-button 3gang with thermostat	7566 37 29	59
Push-button 5gang with thermostat	7566 57 29	59

Design	Order no.	PU
polar white velvety	**1309 60 89**	10

Frame with large cut-out

Not suitable for surface-mounted frames.

– for vertical mounting

Suitable for	Order no.	Page
Push-button 3gang with thermostat	7566 37 26	59
Push-button 5gang with thermostat	7566 57 26	59

Design	Order no.	PU
anthracite velvety, lacquered	**1309 60 86**	10

Berker Q.3 frames

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

Frame

– for vertical and horizontal mounting

Suitable for optional	Order no.	Page
Sealings IP44		97

Design	Order no.	PU
polar white velvety, 1gang	**1011 60 99**	10
polar white velvety, 2gang	**1012 60 99**	2
polar white velvety, 3gang	**1013 60 99**	2
polar white velvety, 4gang	**1014 60 99**	2
polar white velvety, 5gang	**1015 60 99**	2

Frame

– for vertical and horizontal mounting

Suitable for optional	Order no.	Page
Sealings IP44		97

Design	Order no.	PU
anthracite velvety, lacquered, 1gang	**1011 60 96**	10
anthracite velvety, lacquered, 2gang	**1012 60 96**	2
anthracite velvety, lacquered, 3gang	**1013 60 96**	2
anthracite velvety, lacquered, 4gang	**1014 60 96**	2
anthracite velvety, lacquered, 5gang	**1015 60 96**	2

Frame

- Labelling field

When the frame has been dismantled, the labelling field remains on the insert.

For inserts with order no. 4522, 4523, 4593, 4594, mounting of the labelling field on the supporting ring is not possible.
For this, the labelling field can be engaged in the recess of the frame.

– also suitable for cable ducts

Design	Order no.	PU
polar white velvety, 1gang	**1051 60 99**	10
polar white velvety, 2gang horizontal	**1022 60 99**	10
polar white velvety, 2gang vertical	**1052 60 99**	10
polar white velvety, 3gang horizontal	**1023 60 99**	10
polar white velvety, 3gang vertical	**1053 60 99**	10

Frame with large cut-out

Frame with large cut-out

Not suitable for surface-mounted frames.

– for vertical mounting

Suitable for	Order no.	Page
Push-button 3gang with thermostat	7566 37 29	59
Push-button 5gang with thermostat	7566 57 29	59

Design	Order no.	PU
polar white velvety	**1309 60 99**	2

Frame with large cut-out

Not suitable for surface-mounted frames.

– for vertical mounting

Suitable for	Order no.	Page
Push-button 3gang with thermostat	7566 37 26	59
Push-button 5gang with thermostat	7566 57 26	59

Design	Order no.	PU
anthracite velvety, lacquered	**1309 60 96**	1

Berker Arsys frames

Frame

Design	Order no.	PU
white glossy, 1gang	**1313 00 02**	10
white glossy, 2gang vertical	**1323 00 02**	2
white glossy, 3gang vertical	**1333 00 02**	2
white glossy, 4gang vertical	**1343 00 02**	2
white glossy, 5gang vertical	**1353 00 02**	2
white glossy, 2gang horizontal	**1363 00 02**	2
white glossy, 3gang horizontal	**1373 00 02**	2
white glossy, 4gang horizontal	**1383 00 02**	2
white glossy, 5gang horizontal	**1393 00 02**	2

Frame

Design	Order no.	PU
polar white glossy, 1gang	**1313 00 69**	10
polar white glossy, 2gang vertical	**1323 00 69**	2
polar white glossy, 3gang vertical	**1333 00 69**	2
polar white glossy, 4gang vertical	**1343 00 69**	2
polar white glossy, 5gang vertical	**1353 00 69**	2
polar white glossy, 2gang horizontal	**1363 00 69**	2
polar white glossy, 3gang horizontal	**1373 00 69**	2
polar white glossy, 4gang horizontal	**1383 00 69**	2
polar white glossy, 5gang horizontal	**1393 00 69**	2

Frame

Design	Order no.	PU
brown glossy, 1gang	**1313 00 01**	10
brown glossy, 2gang vertical	**1323 00 01**	2
brown glossy, 3gang vertical	**1333 00 01**	2
brown glossy, 4gang vertical	**1343 00 01**	2
brown glossy, 5gang vertical	**1353 00 01**	2
brown glossy, 2gang horizontal	**1363 00 01**	2
brown glossy, 3gang horizontal	**1373 00 01**	2
brown glossy, 4gang horizontal	**1383 00 01**	2
brown glossy, 5gang horizontal	**1393 00 01**	2

Frame

Design	Order no.	PU
light bronze matt, aluminium lacquered, 1gang	**1314 00 01**	10
light bronze matt, aluminium lacquered, 2gang vertical	**1324 00 01**	2
light bronze matt, aluminium lacquered, 3gang vertical	**1334 00 01**	2
light bronze matt, aluminium lacquered, 4gang vertical	**1344 00 01**	2
light bronze matt, aluminium lacquered, 5gang vertical	**1354 00 01**	2
light bronze matt, aluminium lacquered, 2gang horizontal	**1364 00 01**	2
light bronze matt, aluminium lacquered, 3gang horizontal	**1374 00 01**	2
light bronze matt, aluminium lacquered, 4gang horizontal	**1384 00 01**	2
light bronze matt, aluminium lacquered, 5gang horizontal	**1394 00 01**	2

Frame

Design	Order no.	PU
Stainless steel, metal matt finish, 1gang	**1314 00 04**	10
Stainless steel, metal matt finish, 2gang vertical	**1324 00 04**	2
Stainless steel, metal matt finish, 3gang vertical	**1334 00 04**	2
Stainless steel, metal matt finish, 4gang vertical	**1344 00 04**	2
Stainless steel, metal matt finish, 5gang vertical	**1354 00 04**	2
Stainless steel, metal matt finish, 2gang horizontal	**1364 00 04**	2
Stainless steel, metal matt finish, 3gang horizontal	**1374 00 04**	2
Stainless steel, metal matt finish, 4gang horizontal	**1384 00 04**	2
Stainless steel, metal matt finish, 5gang horizontal	**1394 00 04**	2

Frame

Design	Order no.	PU
gold matt, aluminium anodised, 1gang	**1314 00 02**	10
gold matt, aluminium anodised, 2gang vertical	**1324 00 02**	2
gold matt, aluminium anodised, 3gang vertical	**1334 00 02**	2
gold matt, aluminium anodised, 4gang vertical	**1344 00 02**	2
gold matt, aluminium anodised, 5gang vertical	**1354 00 02**	2
gold matt, aluminium anodised, 2gang horizontal	**1364 00 02**	2
gold matt, aluminium anodised, 3gang horizontal	**1374 00 02**	2
gold matt, aluminium anodised, 4gang horizontal	**1384 00 02**	2
gold matt, aluminium anodised, 5gang horizontal	**1394 00 02**	2

Frame

– for emphasising special switches, socket outlets, etc.

Design	Order no.	PU
red glossy, 1gang	**1313 00 62**	10
red glossy, 2gang vertical	**1323 00 62**	2
red glossy, 2gang horizontal	**1363 00 62**	2

Berker R.1 frames

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

Frame

– for vertical and horizontal mounting

Design	Order no.	Suitable for optional Sealings IP44	Order no.	Page
				97
polar white glossy, 1gang	**1011 21 89**			10
polar white glossy, 2gang	**1012 21 89**			2
polar white glossy, 3gang	**1013 21 89**			2
polar white glossy, 4gang	**1014 21 89**			2
polar white glossy, 5gang	**1015 21 89**			2

Frame

– for vertical and horizontal mounting

Design	Order no.	Suitable for optional Sealings IP44	Order no.	Page
				97
black glossy, 1gang	**1011 21 45**			10
black glossy, 2gang	**1012 21 45**			2
black glossy, 3gang	**1013 21 45**			10
black glossy, 4gang	**1014 21 45**			2
black glossy, 5gang	**1015 21 45**			2

Frame

– for vertical and horizontal mounting

Design	Order no.	Suitable for optional Sealings IP44	Order no.	Page
				97
Aluminium/polar white, 1gang	**1011 21 74**			10
Aluminium/polar white, 2gang	**1012 21 74**			10
Aluminium/polar white, 3gang	**1013 21 74**			10
Aluminium/polar white, 4gang	**1014 21 74**			2
Aluminium/polar white, 5gang	**1015 21 74**			2

Frame

– for vertical and horizontal mounting

Design	Order no.	Suitable for optional Sealings IP44	Order no.	Page
				97
aluminium/black, 1gang	**1011 21 84**			10
aluminium/black, 2gang	**1012 21 84**			10
aluminium/black, 3gang	**1013 21 84**			10
aluminium/black, 4gang	**1014 21 84**			2
aluminium/black, 5gang	**1015 21 84**			2

Frame

– for vertical and horizontal mounting

Design	Order no.	Suitable for optional Sealings IP44	Order no.	Page 97
				PU
Stainless steel/polar white, 1gang	**1011 21 14**			10
Stainless steel/polar white, 2gang	**1012 21 14**			10
Stainless steel/polar white, 3gang	**1013 21 14**			10
Stainless steel/polar white, 4gang	**1014 21 14**			2
Stainless steel/polar white, 5gang	**1015 21 14**			2

Frame

– for vertical and horizontal mounting

Design	Order no.	Suitable for optional Sealings IP44	Order no.	Page 97
				PU
Stainless steel/black, 1gang	**1011 21 04**			10
Stainless steel/black, 2gang	**1012 21 04**			10
Stainless steel/black, 3gang	**1013 21 04**			10
Stainless steel/black, 4gang	**1014 21 04**			2
Stainless steel/black, 5gang	**1015 21 04**			2

Frame

– for vertical and horizontal mounting

Design	Order no.	Suitable for optional Sealings IP44	Order no.	Page 97
				PU
glass polar white , 1gang	**1011 21 09**			10
glass polar white, 2gang	**1012 21 09**			5
glass polar white, 3gang	**1013 21 09**			5
glass polar white, 4gang	**1014 21 09**			1
glass polar white, 5gang	**1015 21 09**			1

Frame

– for vertical and horizontal mounting

Design	Order no.	Suitable for optional Sealings IP44	Order no.	Page 97
				PU
glass black, 1gang	**1011 21 16**			10
glass black, 2gang	**1012 21 16**			5
glass black, 3gang	**1013 21 16**			5
glass black, 4gang	**1014 21 16**			1
glass black, 5gang	**1015 21 16**			1

Frame

- Labelling field

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

Design	Order no.	PU
polar white glossy, 1gang	**1011 21 79**	10
polar white glossy, 2gang vertical	**1012 21 69**	2
polar white glossy, 3gang vertical	**1013 21 69**	2
polar white glossy, 2gang horizontal	**1012 21 79**	2
polar white glossy, 3gang horizontal	**1013 21 79**	2

Frame

- Labelling field

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

Design	Order no.	PU
black glossy, 1gang	**1011 21 35**	10
black glossy, 2gang vertical	**1012 21 25**	2
black glossy, 3gang vertical	**1013 21 25**	2
black glossy, 2gang horizontal	**1012 21 35**	2
black glossy, 3gang horizontal	**1013 21 35**	2

Frames made from special materials

Frame

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

Caution!
Installation only possible on a flat surface.
Tighten screws of the covers only by hand.

The colour of surface material can change when exposed to UV radiation.

Caution!
Natural product made from open-pored material, which is sensitive to grease and dirt.

- for vertical and horizontal mounting
- natural, untreated surface structure
- natural material that underscores the individual character by means of developed structures and different material thicknesses and colour schemes

Design	Order No.	PU
anthracite/polar white glossy, natural slate, 1gang	**1011 23 89**	1
anthracite/polar white glossy, natural slate, 2gang	**1012 23 89**	1
anthracite/polar white glossy, natural slate, 3gang	**1013 23 89**	1

Frame

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

Caution!
Installation only possible on a flat surface.
Tighten screws of the covers only by hand.

The colour of surface material can change when exposed to UV radiation.

Caution!
Natural product made from open-pored material, which is sensitive to grease and dirt.

- for vertical and horizontal mounting
- natural, untreated surface structure
- natural material that underscores the individual character by means of developed structures and different material thicknesses and colour schemes

Design	Order No.	PU
anthracite/black glossy, natural slate, 1gang	**1011 23 84**	1
anthracite/black glossy, natural slate, 2gang	**1012 23 84**	1
anthracite/black glossy, natural slate, 3gang	**1013 23 84**	1

Frame

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

Caution!
Installation only possible on a flat surface.
Tighten screws of the covers only by hand.

The colour of surface material can change when exposed to UV radiation.

Caution!
Natural product made from open-pored material, which is sensitive to grease and dirt.

- for vertical and horizontal mounting
- smoothly milled surface
- natural material that underscores the individual character by means of different structures and colour schemes

Design	Order No.	PU
grey/polar white glossy, grounded concrete, 1gang	**1011 23 79**	1
grey/polar white glossy, grounded concrete, 2gang	**1012 23 79**	1
grey/polar white glossy, grounded concrete, 3gang	**1013 23 79**	1

Frame

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

Caution!
Installation only possible on a flat surface.
Tighten screws of the covers only by hand.

The colour of surface material can change when exposed to UV radiation.

Caution!
Natural product made from open-pored material, which is sensitive to grease and dirt.

- for vertical and horizontal mounting
- smoothly milled surface
- natural material that underscores the individual character by means of different structures and colour schemes

Design	Order No.	PU
grey/black glossy, grounded concrete, 1gang	**1011 23 74**	1
grey/black glossy, grounded concrete, 2gang	**1012 23 74**	1
grey/black glossy, grounded concrete, 3gang	**1013 23 74**	1

Frame

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

The shape of surface materials can change during changes in temperature and humidity and its colour can change when exposed to UV radiation.

Patina typical for real leather can develop over time due to touch and the influence of light.

Caution!
Natural product made from open-pored material, which is sensitive to grease and dirt.

- for vertical and horizontal mounting
- structured surface
- high quality, durable material that underscores the individual character by means of different structures and colour schemes

Design	Order No.	PU
brown/polar white glossy, embossed leather, 1gang	**1011 23 69**	1
brown/polar white glossy, embossed leather, 2gang	**1012 23 69**	1
brown/polar white glossy, embossed leather, 3gang	**1013 23 69**	1
brown/polar white glossy, embossed leather, 4gang	**1014 23 69**	1
brown/polar white glossy, embossed leather, 5gang	**1015 23 69**	1

Frame

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

The shape of surface materials can change during changes in temperature and humidity and its colour can change when exposed to UV radiation.

Patina typical for real leather can develop over time due to touch and the influence of light.

Caution!
Natural product made from open-pored material, which is sensitive to grease and dirt.

- for vertical and horizontal mounting
- structured surface
- high quality, durable material that underscores the individual character by means of different structures and colour schemes

Design	Order No.	PU
brown/black glossy, embossed leather, 1gang	**1011 23 64**	1
brown/black glossy, embossed leather, 2gang	**1012 23 64**	1
brown/black glossy, embossed leather, 3gang	**1013 23 64**	1
brown/black glossy, embossed leather, 4gang	**1014 23 64**	1
brown/black glossy, embossed leather, 5gang	**1015 23 64**	1

Frame

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

The shape of surface materials can change during changes in temperature and humidity and its colour can change when exposed to UV radiation.

- for vertical and horizontal mounting
- stained on bog oak
- natural material that underscores the individual character by means of different grains and colour structures

Design	Order No.	PU
oak/polar white glossy, stained wood, 1gang	**1011 23 59**	1
oak/polar white glossy, stained wood, 2gang	**1012 23 59**	1
oak/polar white glossy, stained wood, 3gang	**1013 23 59**	1
oak/polar white glossy, stained wood, 4gang	**1014 23 59**	1
oak/polar white glossy, stained wood, 5gang	**1015 23 59**	1

Frame

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

The shape of surface materials can change during changes in temperature and humidity and its colour can change when exposed to UV radiation.

- for vertical and horizontal mounting
- stained on bog oak
- natural material that underscores the individual character by means of different grains and colour structures

Design	Order No.	PU
oak/black glossy, stained wood, 1gang	**1011 23 54**	1
oak/black glossy, stained wood, 2gang	**1012 23 54**	1
oak/black glossy, stained wood, 3gang	**1013 23 54**	1
oak/black glossy, stained wood, 4gang	**1014 23 54**	1
oak/black glossy, stained wood, 5gang	**1015 23 54**	1

Frame

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

- for vertical and horizontal mounting

Design	Order No.	PU
red transparent/polar white glossy, acrylic, 1gang	**1011 23 49**	1
red transparent/polar white glossy, acrylic, 2gang	**1012 23 49**	1
red transparent/polar white glossy, acrylic, 3gang	**1013 23 49**	1
red transparent/polar white glossy, acrylic, 4gang	**1014 23 49**	1
red transparent/polar white glossy, acrylic, 5gang	**1015 23 49**	1

Frame

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

- for vertical and horizontal mounting

Design	Order No.	PU
red transparent/black glossy, acrylic, 1gang	**1011 23 44**	1
red transparent/black glossy, acrylic, 2gang	**1012 23 44**	1
red transparent/black glossy, acrylic, 3gang	**1013 23 44**	1
red transparent/black glossy, acrylic, 4gang	**1014 23 44**	1
red transparent/black glossy, acrylic, 5gang	**1015 23 44**	1

Frame

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

- for vertical and horizontal mounting

Design	Order No.	PU
orange transparent/polar white glossy, acrylic, 1gang	**1011 23 39**	1
orange transparent/polar white glossy, acrylic, 2gang	**1012 23 39**	1
orange transparent/polar white glossy, acrylic, 3gang	**1013 23 39**	1
orange transparent/polar white glossy, acrylic, 4gang	**1014 23 39**	1
orange transparent/polar white glossy, acrylic, 5gang	**1015 23 39**	1

Frame

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

- for vertical and horizontal mounting

Design	Order No.	PU
orange transparent/black glossy, acrylic, 1gang	**1011 23 34**	1
orange transparent/black glossy, acrylic, 2gang	**1012 23 34**	1
orange transparent/black glossy, acrylic, 3gang	**1013 23 34**	1
orange transparent/black glossy, acrylic, 4gang	**1014 23 34**	1
orange transparent/black glossy, acrylic, 5gang	**1015 23 34**	1

Berker R.3 frames

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

Frame

Design	**Suitable for optional** Sealings IP44	**Order no.**	**Page** 97
	Order no.		PU
polar white glossy, 1gang	**1011 22 89**		10
polar white glossy, 2gang	**1012 22 89**		2
polar white glossy, 3gang	**1013 22 89**		2
polar white glossy, 4gang	**1014 22 89**		2
polar white glossy, 5gang	**1015 22 89**		2

Frame

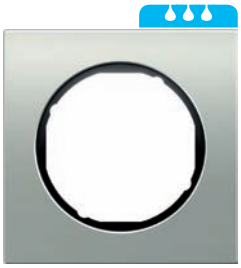
– for vertical and horizontal mounting

Design	**Suitable for optional** Sealings IP44	**Order no.**	**Page** 97
	Order no.		PU
black glossy, 1gang	**1011 22 45**		10
black glossy, 2gang	**1012 22 45**		2
black glossy, 3gang	**1013 22 45**		10
black glossy, 4gang	**1014 22 45**		2
black glossy, 5gang	**1015 22 45**		2

Frame

– for vertical and horizontal mounting

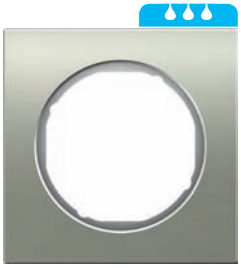
Design	**Suitable for optional** Sealings IP44	**Order no.**	**Page** 97
	Order no.		PU
Aluminium/polar white , 1gang	**1011 22 74**		10
Aluminium/polar white, 2gang	**1012 22 74**		10
Aluminium/polar white, 3gang	**1013 22 74**		10
Aluminium/polar white, 4gang	**1014 22 74**		2
Aluminium/polar white, 5gang	**1015 22 74**		2



Frame

– for vertical and horizontal mounting

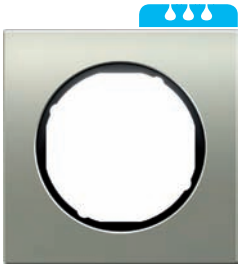
Design	Order no.	Suitable for optional Sealings IP44	Order no.	Page 97
aluminium/black, 1gang	**1011 22 84**			10
aluminium/black, 2gang	**1012 22 84**			10
aluminium/black, 3gang	**1013 22 84**			10
aluminium/black, 4gang	**1014 22 84**			2
aluminium/black, 5gang	**1015 22 84**			2



Frame

– for vertical and horizontal mounting

Design	Order no.	Suitable for optional Sealings IP44	Order no.	Page 97
Stainless steel/polar white, 1gang	**1011 22 14**			10
Stainless steel/polar white, 2gang	**1012 22 14**			10
Stainless steel/polar white, 3gang	**1013 22 14**			10
Stainless steel/polar white, 4gang	**1014 22 14**			2
Stainless steel/polar white, 5gang	**1015 22 14**			2



Frame

– for vertical and horizontal mounting

Design	Order no.	Suitable for optional Sealings IP44	Order no.	Page 97
Stainless steel/black, 1gang	**1011 22 04**			10
Stainless steel/black, 2gang	**1012 22 04**			10
Stainless steel/black, 3gang	**1013 22 04**			10
Stainless steel/black, 4gang	**1014 22 04**			2
Stainless steel/black, 5gang	**1015 22 04**			2

Frame

– for vertical and horizontal mounting

Design	Order no.	Suitable for optional Sealings IP44	Order no.	Page 96
glass polar white, 1gang	**1011 22 09**			10
glass polar white, 2gang	**1012 22 09**			5
glass polar white, 3gang	**1013 22 09**			5
glass polar white, 4gang	**1014 22 09**			1
glass polar white, 5gang	**1015 22 09**			1

Frame

– for vertical and horizontal mounting

Design	Order no.	Suitable for optional Sealings IP44	Order no.	Page 97
glass black, 1gang	**1011 22 16**			10
glass black, 2gang	**1012 22 16**			5
glass black, 3gang	**1013 22 16**			5
glass black, 4gang	**1014 22 16**			1
glass black, 5gang	**1015 22 16**			1

Frame

- Labelling field

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

Design	Order no.	PU
polar white glossy, 1gang	**1011 22 79**	10
polar white glossy, 2gang vertical	**1012 22 69**	2
polar white glossy, 3gang vertical	**1013 22 69**	2
polar white glossy, 2gang horizontal	**1012 22 79**	2
polar white glossy, 3gang horizontal	**1013 22 79**	2

Frame

- Labelling field

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

Design	Order no.	PU
black glossy, 1gang	**1011 22 35**	10
black glossy, 2gang vertical	**1012 22 25**	2
black glossy, 3gang vertical	**1013 22 25**	2
black glossy, 2gang horizontal	**1012 22 35**	2
black glossy, 3gang horizontal	**1013 22 35**	2

Sealings IP44

Sealing set for switches/push-buttons

– also for KNX applications: push-button, 1gang, and group push-button, 1gang
– with IP44 fixing piece to screw on

Suitable for	Order no.	Page
Covers for rocker switches/rocker push-buttons		61
Frames		83

Design	Order no.	PU
Berker Q.1/Q.3, K.1/K.5		
transparent	**1010 71 00**	1

Sealing set for switches/push-buttons

– also for KNX applications: push-button, 1gang, and group push-button, 1gang
– with IP44 fixing piece to screw on

Suitable for	Order no.	Page
Covers for rocker switches/rocker push-buttons		61
Frames		90

Design	Order no.	PU
Berker R.1/R.3		
transparent	**1010 77 00**	1

Visualisations

Operating panel

Berker Master Control

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
Limit values	max. 32
Logic operations (cascadable)	80
TFT screen size	5.7”
Resolution graphical display	320 x 240 / 240 x 320 Mpx
Graphics memory	≈ 4 MB
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	221 x 141 x 46 mm

- freely-programmable indication and operating panel with TFT touch display
- 50 dialog pages each with up to 16 parameterisable display elements (max. 400)
- display elements suitable for invoking predefined or freely-configurable functions
- calling up dialog pages about KNX object
- background bitmaps insertable (e.g. ground plans)
- linking of dialogue pages possible
- functions e.g. switching, dimming, blinds, light scenes, heating, operating modes, date, time
- functions e.g. access control, positive operation, value transmitter, value display with/without limit values
- intelligent functions e.g. time links, logic functions, multiplexes parameterisable
- display lighting, duration and type of activation and brightness adjustable in 2 stages
- indication of up to 8 RSS news feeds
- data logger for recording, evaluation and representation of measuring points as diagram
- freely-selectable national language (code page) per indication page
- 50 error messages, can be parameterised
- indication of the last 20 error messages via message window, audible warning
- text display (ASCII-format)
- retrieval of e-mails
- transmission of predefined e-mails
- with synchronisable integral real-time clock with date
- time switch (weekly) with 16 channels each with 8 switching times
- presence simulation with recording and reproduction type daily sequences
- astro programme for functions during sunrise/sunset
- retrieval, adjustment and storage of 24 light scenes with up to 32 outputs
- integrated alarm system for monitoring of windows, doors and interiors
- 4 password levels for differentiated access authorization parametrizable
- integral piezo buzzer
- remote operation via PC possible
- programmable via USB interface or network
- RJ45 Port for LAN connection
- bus connection via connecting terminal
- with screw terminals

Design	Order no.	PU
polar white	**7574 00 12**	1
anthracite	**7574 00 13**	1

Frame for Master Control

Dimensions (W x H x D) 234 x 168 x 9 mm

Glass, high-gloss, printed on the rear.
Stainless steel, brushed.

Design	Order no.	PU
Stainless steel, metal matt finish	**7594 01 03**	1
glass polar white	**7594 01 01**	1
glass black	**7594 01 05**	1
glass aluminium	**7594 01 04**	1

Flush-mounted/built-in housing for mini control panels

Cavity wall opening (W x H x D)	212 x 124 x 75 mm
Dimensions (W x H x D)	216 x 134 x 75 mm
Weight	≈ 900 g

– with cleaning cover
– for flush mounting and hollow-wall mounting

Design	Order no.	PU
grey	**7590 00 21**	1

IP Control RMD

Operating voltage	10 ... 30 V=
Power consumption	5 VA
receiptable addresses	32766
RAM	256 MB
Operating temperature	+0 ... +35 °C
Assembling height as from DIN rail	58 mm
Width of rail mounted device (RMD)	8 TE
Dimensions (W x H x D)	144 x 90 x 64 mm

NEW: PRODUCT VARIANT FOR USE-INDEPENDENT ROOM CONTROL:
IP control (order no. 7571 00 36) including software, with which an assignment plan can be stored, for building services engineering control according to room/building use, e.g. in schools according to timetables or in public buildings according to visiting or working times.

Knowledge of the relevant network technology is required for installation.

Mobile devices such as iPhones/iPad, mobile phones or PDAs can be linked via the Internet.

– integrated element library with standard operating elements
– freely configurable graphic operating surface for representation on the PC monitor
– up to 20 operating configurations for different applications
– integration of external control units with JAVA support (e.g. tablet PC) via WLAN
– central operating and visualisation unit for KNX via web browser
– control of multimedia applications
– for control and visualisation of e.g.shutters, lights, heating, ventilation, alarm system, sensors
– with status LED for operational stand-by, data processing, KNX communication, LAN status
– KNX server to supply up to 15 visualisation clients with KNX data
– time updating via Internet NTP server and sending on the KNX
– creation of light scenes with up to 28 telegrams each
– central functions/scenarios for heating, shutters, illumination, etc. can be configured by end user
– remote commissioning / maintenance of KNX systems possible via the Internet
– commissioning and programming without ETS via web browser
– with week and year timer function
– configuration tool for installation of IP settings and parameterisations
– support of common web browsers (IE, Netscape, Firefox etc.)
– with event indicator for e.g. status/alarm messages via e-mail
– operation with non-choked output of KNX voltage supply possible (pay attention to current consumption)
– administration of 50 users for the control of access authorisation
– database connection to the memory of utilisation/consumption data of the KNX
– also usable with Apple Macintosh
– with updatable Flash-Controller for subsequent function expansions
– integration of network cameras possible
– for LAN connection of individual KNX installations
– with integrated controller for logic functions (concatenations, threshold value processing)
– RJ45 Port for LAN connection
– bus connection via connecting terminal
– with screw terminals

Design	Order no.	PU
IP control RMD, light grey	**7571 00 04**	1
IP-Control for use-dependent room controllers RMD, light grey	**7571 00 36**	1

domovea

domovea server incl. software

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	24 V=
Current consumption (operation)	≈ 150 mA
Power consumption (operation)	≈ 1.5 W
RAM	128 MB
Graphics memory	≈ 20 MB
Processor	400 MHz
Operating temperature	+0 ... +45 °C
Width of rail mounted device (RMD)	6 TE

Central operating and visualisation unit for KNX installations via client software.

Knowledge of the relevant network technology is required for installation.

System requirements: Windows XP, VISTA and Windows 7 (32 or 64-bit).

- user interface can be configured individually for each room with special background images
- creation of max. 50 sequences from different actions
- for control and visualisation of e.g.shutters, lights, heating, ventilation, alarm system, sensors
- with status LEDs for LAN status, operational stand-by and connection status to web portal
- KNX server to supply up to 30 visualisation clients simultaneously with KNX data
- creation of light scenes
- creation of measured value archives and energy consumption visualisation with KNX energy meters
- configuration tool for installation of IP settings and parameterisations
- with configuration and client software on USB stick
- managing up to 30 users with different access rights
- software update via USB interface on the device
- integration of max. 10 network cameras
- RJ45 Port for LAN connection
- bus connection via connecting terminal
- with plug-in terminals

Suitable for	Order no.	Page
Power supply 24 V DC 1A	TGA200	101
optional		
domovea remote access	TJ550	100

Design	Order no.	PU
light grey matt	**TJA450**	1

domovea software server with USB/KNX interface

Operating voltage interface via bus	21 ... 32 V=
RAM	128 MB
Graphics resolution	min. 1024 x 768 px
Free hard disk space	min. 500 MB

Central operating and visualisation software for operation via client software.

Knowledge of the relevant network technology is required for installation.

System requirements: Windows XP, VISTA and Windows 7 (32 or 64-bit).

- user interface can be configured individually for each room with special background images
- creation of max. 50 sequences from different actions
- for control and visualisation of e.g.shutters, lights, heating, ventilation, alarm system, sensors
- KNX server to supply up to 30 visualisation clients simultaneously with KNX data
- creation of light scenes
- creation of measured value archives and energy consumption visualisation with KNX energy meters
- configuration tool for installation of IP settings and parameterisations
- with configuration and client software on USB stick
- managing up to 30 users with different access rights
- integration of max. 10 network cameras
- processor min. 600 MHz
- with USB interface for connecting to the bus
- with connecting cable

Suitable for	Order no.	Page
optional		
domovea remote access	TJ550	100

Design	Order no.	PU
domovea server software with USB adapter	**TJ701A**	1

domovea remote access

Licence for the activation of the remote access to a domovea server via the web-portal www.berker-ios.de

- for remote control of the KNX building systems via domovea
- licence data on USB stick

Suitable for	Order no.	Page
domovea server incl. software	TJA450	100
domovea software server w. USB/KNX interf.	TJ701A	100

Design	Order no.	PU
Berker IOS licence for remote access	**TJ550**	1

Power supply 24 V DC 1A

Operating voltage	230 V~
Frequency	50/60 Hz
Output voltage	24 V=
Output current	max. 1 A
Current consumption	< 150 mA
Power consumption	36 W
Operating temperature	+0 ... +45 °C
Width of rail mounted device (RMD)	4 TE

– with plug-in terminals

Suitable for	Order no.	Page
domovea server incl. software	TJA450	100

Design	Order no.	PU
light grey matt	**TGA200**	1

domovea system package

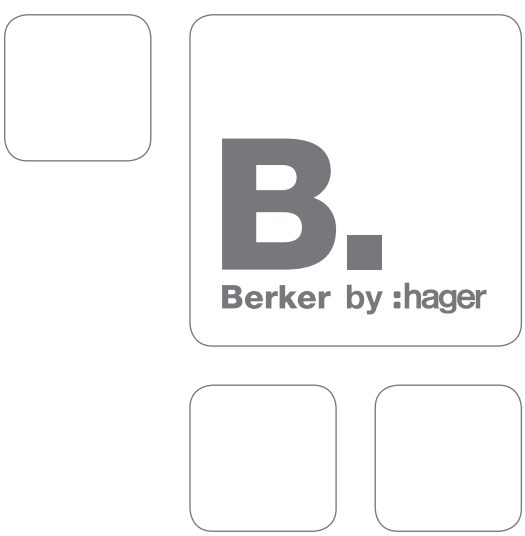
Knowledge of the relevant network technology is required for installation.

Set consisting of:
- domovea server incl. software, order no. TJA450
- Power supply 24 V DC 1A, order no. TGA200

Design	Order no.	PU
domovea set	**TJA451**	1

KNX sensors and actuators

With KNX, a house provides a significant contribution to looking after itself: motion detectors activate lighting as necessary. Windows and doors left open by accident are signalled using magnetic contacts and can be closed automatically. In addition, when the windows are open, the heating system reduces output. Using the Berker KNX bus system, your house can learn to adapt to changed environmental conditions. Actuators are selected according to the resources they are to switch or control. This allows e.g. switchable lamps, socket outlets or fixed-location consumers to be operated with switch actuators. The Berker KNX System so contains a special actuator type for each application.



Motion detectors

Bus coupling unit flush-mounted

Operating voltage over bus	21 ... 32 V=
Power consumption, KNX	≈ 100 mW
Operating temperature	-5 ... +45 °C
Insertion depth	23 mm

- as interface between KNX user module and bus line
- with programming button and red programming LED
- bus connection via connecting terminal
- without spreader claws

Design	Order no.	PU
Bus coupling unit flush-mounted	**7504 00 01**	1

Controller sensors

- With cover to limit detection angle
- Also suitable as extension unit
- Cyclic transmission possible

KNX controller comfort 1.1 m

Power consumption, KNX	≈ 110 mW
Nominal mounting height	1.1 m
Number of detection levels	2
Number of switching segments	72
Detection field, semi-oval shaped	≈ 10 x 12 m
Detection angle	180 °
Range, frontal	≈ 10 m
Range, side	each ≈ 6 m
Delay time	≈ 10 s
Additional delay time programmable	130 ms ... 306 h
Potentiometer for additional delay time	± 50 %
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, configurable	3 ... 100 / daytime operation lx
Response brightness adjustable by potentiometer	± 50 %
Lockout time	8 ms ... 140 min
Operating temperature	-5 ... +45 °C
Dimensions assembling height	23.5 mm

- with slide switch for OFF/automatic/ON
- with potentiometers for fine adjustment of the response brightness, sensitivity and delay time
- with red diagnostic LED for brightness-independent walk test function and disassembly message
- with lighting and message mode
- operating mode switched with object
- functions for lighting operating mode: Switching, Value transmitter and Light scene call
- parameter defineable lock function
- alarm telegram after disconnection from bus coupling unit, 1-bit

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	104

Caution:
Direct sunlight can lead to false alarms when using alarm application. Avoid using detection field equipment on windows.

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

When movement of a person is detected a parameter defined data telegram is sent.

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**7526 15 52**	1
polar white glossy	**7526 15 59**	1
polar white matt	**7526 15 89**	1
anthracite matt	**7526 15 85**	1
aluminium matt, lacquered	**7526 15 83**	1

Berker Q.1/Q.3

polar white velvety	**7526 15 29**	1
anthracite velvety, lacquered	**7526 15 26**	1

Berker K.1/K.5

polar white glossy	**7526 15 79**	1
anthracite matt, lacquered	**7526 15 75**	1
aluminium matt, lacquered	**7526 15 71**	1
stainless steel, matt, lacquered	**7526 15 73**	1

Berker Arsys

white glossy	**7526 15 42**	1
polar white glossy	**7526 15 49**	1
light bronze matt, lacquered	**7526 15 44**	1
stainless steel matt, lacquered	**7526 15 43**	1

KNX motion detector module comfort 1.1 - integrated bus coupling unit

Operating voltage over bus	21 ... 29 V=
Nominal mounting height	1.1 m
Delay time adjustable	1 ... 30 min
Response brightness, adjustable	≈ 5 to 1000 lux
Detection field, rectangular shaped	≈ 10 x 10 m
Operating temperature	-5°C ... +45°C

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

Automatic triggering of bus functions for movement within the detection area or manual control via integrated button.

- Push-button function: switching functions, dimming functions, blind control functions, value transmitter functions, forced control functions, scene functions
- Specification of the controller operating mode
- Operating mode display via status LED, red/green/orange
- Operating modes: automatic, permanent ON, ON for 2 hours, permanent OFF
- Two separated function channels for brightness-dependent and brightness-independent functions
- Integrated button for manual control of bus functions can be configured
- with button for automatic/permanent ON/ON for 2 hours/permanent OFF
- bus connection via connecting terminal
- with dismanting protection

Suitable for	Order no.	Page
Cover for KNX motion detector module	7596 28 6.	105

Design	Order no.	PU
KNX motion dectector module comfort 1.1 m	**7524 20 60**	1

Cover for KNX motion detector module

Suitable for	Order no.	Page
KNX motion detector module comfort 1.1 m	7524 20 60	105

Design	Order no.	PU
Berker R.1/R.3		
polar white glossy	**7596 28 69**	1
black glossy	**7596 28 65**	1

KNX controller comfort 2.2 m

Power consumption, KNX	≈ 110 mW
Nominal mounting height	2.2 m
Number of detection levels	2
Number of switching segments	72
Detection field, semi-oval shaped	≈ 12 x 12 m
Detection angle	180 °
Range, frontal (at 1.1 m installation height)	≈ 6 m
Range, frontal	≈ 12 m
Range, side (at 1.1 m installation height)	each ≈ 3 m
Range, side	each ≈ 6 m
Delay time	≈ 10 s
Additional delay time programmable	130 ms ... 306 h
Potentiometer for additional delay time	± 50 %
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, configurable	3 ... 100 / daytime operation lx
Response brightness adjustable by potentiometer	± 50 %
Lockout time	8 ms ... 140 min
Operating temperature	-5 ... +45 °C
Dimensions assembling height	23.5 mm

Application as for order no. 7526 15 ..

Caution:
Direct sunlight can lead to false alarms when using alarm application. Avoid using detection field equipment on windows.

When movement of a person is detected a parameter defined data telegram is sent.

- with slide switch for OFF/automatic/ON
- with potentiometers for fine adjustment of the response brightness, sensitivity and delay time
- with red diagnostic LED for brightness-independent walk test function and disassembly message
- with lighting and message mode
- operating mode switched with object
- functions for lighting operating mode: Switching, Value transmitter and Light scene call
- parameter defineable lock function
- alarm telegram after disconnection from bus coupling unit, 1-bit

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	104

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**7526 16 52**	1
polar white glossy	**7526 16 59**	1
polar white matt	**7526 16 89**	1
anthracite matt	**7526 16 85**	1
aluminium matt, lacquered	**7526 16 83**	1

Berker Q.1/Q.3		
polar white velvety	**7526 16 29**	1
anthracite velvety, lacquered	**7526 16 26**	1

Berker K.1/K.5		
polar white glossy	**7526 16 79**	1
anthracite matt, lacquered	**7526 16 75**	1
aluminium matt, lacquered	**7526 16 71**	1
stainless steel matt, lacquered	**7526 16 73**	1

Design	Order no.	PU
Berker Arsys		
white glossy	**7526 16 42**	1
polar white glossy	**7526 16 49**	1
light bronze matt, lacquered	**7526 16 44**	1
stainless steel matt, lacquered	**7526 16 43**	1

KNX controller 1.1 m

Nominal mounting height	1.1 m
Number of detection levels	2
Number of switching segments	72
Detection field, semi-oval shaped	≈ 10 x 12 m
Detection angle	180 °
Range, frontal	≈ 10 m
Range, side	each ≈ 6 m
Delay time	≈ 10 s
Additional delay time programmable	130 ms ... 152 ms
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, configurable	1 ... 1000 / daytime operation lx
Lockout time	8 ms ... 140 min
Operating temperature	-5 ... +45 °C
Dimensions assembling height	23.5 mm

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

When movement of a person is detected a parameter defined data telegram is sent.

- with potentiometer for fine adjustment of the response sensitivity
- parameter defineable lock function

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	104

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**7526 11 52**	1
polar white glossy	**7526 11 59**	1
polar white matt	**7526 11 89**	1
anthracite matt	**7526 11 85**	1
aluminium matt, lacquered	**7526 11 83**	1
Berker Q.1/Q.3		
polar white velvety	**7526 11 29**	1
anthracite velvety, lacquered	**7526 11 26**	1

Berker K.1/K.5		
polar white glossy	**7526 11 79**	1
anthracite matt, lacquered	**7526 11 75**	1
aluminium matt, lacquered	**7526 11 71**	1
stainless steel matt, lacquered	**7526 11 73**	1
Berker Arsys		
white glossy	**7526 11 42**	1
polar white glossy	**7526 11 49**	1
light bronze matt, lacquered	**7526 11 44**	1
stainless steel matt, lacquered	**7526 11 43**	1

KNX controller 2.2 m

Nominal mounting height	2.2 m
Number of detection levels	2
Number of switching segments	72
Detection field, semi-oval shaped	≈ 12 x 12 m
Detection angle	180 °
Range, frontal (at 1.1 m installation height)	≈ 6 m
Range, frontal	≈ 12 m
Range, side (at 1.1 m installation height)	each ≈ 3 m
Range, side	each ≈ 6 m
Delay time	≈ 10 s
Additional delay time programmable	130 ms ... 152 h
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, configurable	1 ... 1000 / daytime operation lx
Lockout time	8 ms ... 140 min
Operating temperature	-5 ... +45 °C
Dimensions assembling height	23.5 mm

Application as for order no. 7526 11 ..
When movement of a person is detected a parameter defined data telegram is sent.

- with potentiometer for fine adjustment of the response sensitivity
- parameter defineable lock function

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	104

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**7526 12 52**	1
polar white glossy	**7526 12 59**	1
polar white matt	**7526 12 89**	1
anthracite matt	**7526 12 85**	1
aluminium matt, lacquered	**7526 12 83**	1

Berker Q.1/Q.3		
polar white velvety	**7526 12 29**	1
anthracite velvety, lacquered	**7526 12 26**	1

Berker K.1/K.5		
polar white glossy	**7526 12 79**	1
anthracite matt, lacquered	**7526 12 75**	1
aluminium matt, lacquered	**7526 12 71**	1
stainless steel matt, lacquered	**7526 12 73**	1

Berker Arsys		
white glossy	**7526 12 42**	1
polar white glossy	**7526 12 49**	1
light bronze matt, lacquered	**7526 12 44**	1
stainless steel matt, lacquered	**7526 12 43**	1

Presence detectors

KNX 2 channels presence detector

Supply voltage	Bus 30 V
Power consumption	12 mA
Lighting time delay via potentiometer	1 to 30 min
Presence time delay via potentiometer	30 s to 60 min
Brightness threshold	5 to 1200 lux
Recommended installation distance from ground	2.5 m to 3.5 m
Operating temperature	0°C to 45°C

- TX510 devices are 2-channel presence detectors capable of detecting low amplitude movements (e.g. person working in an office).
- 2 control channels via KNX bus.
- Time delay adjustment for brightness and presence controls via product potentiometers or via ETS.
- Brightness threshold adjustment via product potentiometer or via ETS.
- Detection is by means of 2 pyroelectric sensors located under detection lenses.
- Brightness sensor measures room brightness on a continuous basis, matching it against the brightness threshold set by potentiometer.
- The head of the detector is directional at 90° and can be used to adjust the detection area according to the room configuration.
- Application software allows configuring the 2 channel presence detector 360° TX510.
- The TX510 2-channel presence detector is sensitive to infrared rays associated with heat emitted by moving bodies. Lighting, roller shutter / blind, heating, priority and scene commands can be sent during movement detection, depending on the ambient brightness.
- The lighting channel controls a load in case of presence detection, when the ambient brightness is below an adjustable threshold.
- The presence channel controls a load in case of presence detection, without taking account of the ambient brightness.
- The ambient brightness threshold can be defined by parameterizing or on the device via a potentiometer.
- Lighting and presence delay function sends a command at the end of a delay when no presence has been detected during the delay („absence“ of persons). The delay value can be set by parameterizing or on the device via a potentiometer.
- Brightness probe locking (Lighting channel) function inhibits the brightness measurement of certain detectors when they control the same output.
- This function authorizes or forbids presence detection by the lighting channel (by a clock, for example, at certain periods). The presence channel continues operating independently.
- The operating mode (Automatic or Semi-automatic) is selected by parameterizing or via a switch directly on the device.
- Master/Slave function extends the motion detector‘s detection area by associating it with several other detectors.
- The Scene Execution function sends group commands to different kinds of outputs to create ambiences or scenarios (presence scenario, absence scenario ...)

Design	Order no.	PU
white	**TX510**	1

KNX presence detector with light regulation

Supply voltage	29 V DC
Power consumption	12 mA
Lighting output operation time	1 to 30 min
Brightness threshold	5 to 1200 lux
Minimum adjustment range	0% to 50%
Presence level adjustment	mini to 100%
Recommended installation distance from ground	2.5 m to 3.5 m
Operating temperature	0°C to 45°C

- TX511 devices, in association with KNX dimmers, offer lighting control functions.
- 1 regulation channel via KNX bus.
- Brightness threshold, lighting time delay and minimum dimming level adjustment via product potentiometer or via ETS.
- They are designed to detect low amplitude movements (e.g. person working in an office).
- Detection is by means of 2 pyroelectric sensors located under detection lenses.
- A brightness sensor measures room brightness on a continuous basis, matching it against the brightness threshold set by potentiometer.
- The head of the detector is directional at 90° and can be used to adjust the detection area according to the room configuration.
- Application software allows configuring the 1-channel 360° presence detector lignt regulator TX511.
- The TX511 1-channel presence detector with light regulation is sensitive to infrared rays associated with heat emitted by moving bodies. It thus detects the presence or absence of persons in a room.
- Lighting level regulation can be active or inactive.
- When regulation is active, the regulation set points can be defined in Lux either via the potentiometer on the device or by ETS.
- When regulation is inactive, the dimming levels can be defined in %either via the potentiometer on the device or by ETS.
- Set point modification via pushbutton function modifies the regulation set point or the dimming level in the presence of persons via a communicating push button. The new value is then stored.
- Lighting delay function starts a delay at each presence detection; it extends the presence period accordingly.
- Priority function allows overriding a regulation set point (active regulation) or a dimming level (inactive regulation).
- Authorization ON or OFF function authorizes or inhibits presence detection (by a clock, for example, at certain periods).
- The operating mode (Automatic or Semi-automatic) is selected by parameterizing or via a switch directly on the device.
- The Scene function allows defining, for a given scene number, regulation setpoints or lighting levels to create ambiences or scenarios (presence scenario, absence scenario ...)

Design	Order no.	PU
white	**TXC511**	1

KNX presence detector 360° monobloc

Supply voltage	KNX bus 30 V DC
Busline consumption	12 mA
Lighting output operating time	1 min to 1 hr
Brightness level	5 to 1000 lux
Recommended installation distance from ground	2.5 m to 3.5 m
Detection range	Ø 7 m (installed product height: 2.5 m)
Hole size required	60 mm (flush mounted)
Operating temperature	0°C to 45°C

- Occupancy sensors TCC520E are presence detectors designed to detect low amplitude movements (e.g. person sitting at a desk).
- Detection is by means of a pyro-electric sensor located under detection lens.
- The occupancy sensor measures the brightness in the room on a continuous basis and compares it to the level preset on the potentiometer or ETS parameter.
- One direct lighting control channel (relay output of the product).
- One lighting control channel on the KNX bus.
- Control of presence/ absence mode.
- Time and brightness adjustment via ETS or remot control EE807.
- Area linking: the occupancy sensor in a room can switch the light on in the corridor beside or the opposite.
- In addition to the local load, the detector can also activate an actuator connected to the bus when presence is detected and brightness level is below a defined threshold.
- The brightness threshold can be defined by ETS or directly on the device via a potentiometer or by means of the installer remote control EE807.
- The lighting time delay defines the activation duration of the lighting channel in case of occupancy. This delay may be reduced when there is enough ambient light. It can be set locally via potentiometer, remote control ETS, EE807.
- The Lighting channel and local load can also be switched on via the remote control ETS or via a EE808 push button.
- Authorization ON or OFF (Lighting channel) function authorizes or forbids presence detection by the lighting channel (by a clock, for example, at certain periods).
- The operating mode (Automatic or Semi-automatic) is selected by parameterizing or via a switch directly on the device.
- This function extends the presence detector‘s detection area by associating several other detectors.
- The local load can be controlled by the presence detector or directly via communication objects;

Design	Order no.	PU
white	**TCC520E**	1

KNX presence detector with regulation DALI/DSI

Supply voltage	KNX bus 30 V DC
Busline consumption	12 mA
Lighting output operating time	1 min to 1 hr
Brightness level	5 to 1000 lux
Recommended installation distance from ground	2.5 m to 3.5 m
Detection range	Ø 7 m (installed product height: 2.5 m)
Hole size required	60 mm (flush mounted)
Operating temperature	-10°C to 45°C

- Presence detector with regulation DALI/DSI Occupancy sensors TCC521E are presence detectors designed to detect low amplitude movements (e.g. person sitting at a desk).
- Detection is by means of a pyro-electric sensor located under detection lens.
- The occupancy sensor measures the brightness in the room on a continuous basis and compares it to the level preset on the potentiometer (or by means of the remote control EE807 or ETS parameter).
- One lighting control channel on the KNX bus.
- Control of presence/ absence mode.
- Time and brightness adjustment via ETS or remote control EE807.
- Area linking: the occupancy sensor in a room can switch the light on in the corridor beside or the opposite.
- Application software allows configuring the light regulator -channel of TCC521E.
- The TCC521E presence detector for light regulation embeds a DALI/DSI interface that will be used to control directly DALI/DSI ballasts.
- It can also control KNX dimmers and KNX/DALI gateways (TX216) to fulfill the light regulation functionality.
- The lighting regulation process is activated according the presence and absence.
- When regulation is active, the detector regulates the lighting level in the room according to a set-point value in Lux in the presence of persons and according to another set-point value in the absence of persons.
- When regulation is inactive, the detector sets the dimming level of the dimmer outputs to a configurable set % value in the presence of persons and to another configurable set value in the absence of persons.
- Time delay (Lighting and regulation functions) function starts a delay at each presence detection; it extends the presence period accordingly.
- Authorization ON or OFF (Lighting and regulation functions) function authorizes or inhibits presence detection (by a clock, for example, at certain periods).
- The operating mode (Automatic or Semiautomatic) is selected by parameterizing or via a switch directly on the device.
- The Scene function allows defining, for a given scene number, regulation set-points or lighting levels to create ambiences or scenarios (presence scenario, absence scenario).
- Remote control via infra red control EE808.
- Setup with the installer remote control EE807.
- Linking Master / Slave function extends the motion detector's detection area by associating several other detectors.
- In addition to the lighting regulation channel, the detector can also activate an actuator connected to the bus, when presence and brightness level is below a defined threshold.

Design	Order no.	PU
white	**TCC521E**	1

KNX presence detector monobloc without relay

Supply voltage	KNX bus 30 V DC
Busline consumption	10 mA
Lighting output operating time	1 min to 1 hr
Brightness level	5 to 1000 lux
Recommended installation distance from ground	2.5 m to 3.5 m
Detection range	Ø 7 m (installed product height: 2.5 m)
Hole size required	60 to 63 mm (flush mounted)
Operating temperature	-10°C to 45°C

- High performance detector to be used in premises or in passage areas, where they increase comfort and reduce drastically energy costs.
- KNX commissioning via ETS or TX100

Design	Order no.	PU
white	**TCC510S**	1

KNX presence detector monobloc multi-channel

Supply voltage	KNX bus 30 V DC
Busline consumption	315 mA
Lighting output operating time	1 min to 1 hr
Brightness level	5 to 1000 lux
Recommended installation distance from ground	2.5 m to 3.5 m
Detection range	Ø 7 m (installed product height: 2.5 m)
Hole size required	60 to 63 mm (flush mounted)
Operating temperature	-10°C to 45°C

- High performance detector to be used in premises or in passage areas, where they increase comfort and reduce drastically energy costs.
- KNX commissioning via ETS.

Design	Order no.	PU
white	**TCC530E**	1

Mounting accessory

Suitable for	Order no.	Page
KNX presence detector monobloc w/o relay	TCC510S	113
KNX presence detector monobloc multi-channel	TCC530E	113

Design	Order no.	PU
white	**EEK005**	1

IP30

IR hand-held transmitter for presence detector

Dimensions (L x W x H) 120 x 70 x 10 mm
Battery service life [years] ≈ 3.5

Scope of functions dependent on the controlled presence detector.
Required battery (CR 2032) is included in the scope of delivery.
For control for the lighting connected to the presence detector.

- RC6 code
- additional acknowledgement LED for displaying the IR transmission
- with 4 function buttons (calling up/saving light scene)
- with green “on” and red “off” button (on/off, dimmer function)

Suitable for	Order no.	Page
KNX presence detector 360° monobloc	TCC520E	111
KNX presence detector with regulation DALI/DSI	TCC521E	112
KNX presence detector monobloc without relay	TCC510S	113
KNX presence detector monobloc multi-channel	TCC530E	113

Design	Order no.	PU
black matt	**EE808**	1

IP30

IR configuration hand-held transmitter for presence detector

Dimensions (L x W x H) 111 x 63 x 10 mm
Battery service life [years] ≈ 3.5

Required battery (CR 2032) is included in the scope of delivery.
For convenient configuration of supported presence detectors.

- RC6 code
- additional acknowledgement LED for displaying the IR transmission
- 15 buttons with integrated status-LED
- 3 configuration ranges for control, switch-off delay, brightness threshold
- setting of the brightness threshold manually, by default values or teach-in mode
- default settings can be selected for the brightness threshold daylight, office, corridor
- 2 configuration memories for identical configuration of several presence detectors

Suitable for	Order no.	Page
KNX presence detector 360° monobloc	TCC520E	111
KNX presence detector with regulation DALI/DSI	TCC521E	112
KNX presence detector monobloc without relay	TCC510S	113
KNX presence detector monobloc multi-channel	TCC530E	113

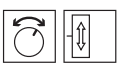
Design	Order no.	PU
black matt	**EE807**	1

Thermostat

- For individual single room temperature control
- For heating and/or cooling mode
- Heating or cooling possible in 2 stages
- Bus connection via connecting terminal
- For continuous (PI) or switched (2-point) control
- With dismantling protection
- 4 binary inputs or 2-3 binary inputs and 1-2 outputs parameterisable
- With 4 independent binary inputs for potential-free contacts e.g. window magnetic contact
- Behaviour can be defined for bus voltage return
- Binary inputs / outputs with screw terminals
- Valve protection can be defined

KNX thermostat

- Setting knob
- integrated bus coupling unit



Output current per channel	max. 0.8 mA
Set value control by setting knob	± 0 ... 5 K
Operating temperature	-5 ... +45 °C
Cable length, inputs/outputs	max. 5 m
Sensor cable length	50 m

Binary input 4 parameter defineable for temperature sensor, order no. 161.

- operating modes:comfort, standby, night lowering, frost/heat protection, dewpoint displayed with LED
- with presence button for switching between comfort and standby mode
- with programming button and red programming LED
- presence button and setting knob can be programmed to have no functions
- with status LEDs: red for heating, blue for cooling and yellow for activation
- without spreader claws

Suitable for optional	Order no.	Page
Temperature sensor	161	116

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**7544 11 52**	1
polar white glossy	**7544 11 59**	1
polar white matt	**7544 11 89**	1
anthracite matt	**7544 11 85**	1
aluminium matt, lacquered	**7544 11 83**	1

Berker Q.1/Q.3		
polar white velvety	**7544 11 29**	1
anthracite velvety, lacquered	**7544 11 26**	1

Berker K.1/K.5		
polar white glossy	**7544 11 79**	1
anthracite matt, lacquered	**7544 11 75**	1
aluminium matt, lacquered	**7544 11 71**	1
stainless steel matt, lacquered	**7544 11 73**	1

Berker Arsys		
white glossy	**7544 11 42**	1
polar white glossy	**7544 11 49**	1
light bronze matt, lacquered	**7544 11 44**	1
stainless steel matt, lacquered	**7544 11 43**	1

KNX object thermostat

- integrated bus coupling unit

Output current per channel	max. 0.8 mA
Operating temperature	-5 ... +45 °C
Cable length, inputs/outputs	max. 5 m
Sensor cable length	50 m

Binary input 4 parameter defineable for temperature sensor, order no. 161.

- operating modes: comfort, standby, night lowering, frost/heat protected, dewpoint
- with programming button and red programming LED
- without spreader claws

Suitable for optional	Order no.	Page
Temperature sensor	161	116

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**7544 12 52**	1
polar white glossy	**7544 12 59**	1
polar white matt	**7544 12 89**	1
anthracite matt	**7544 12 85**	1
aluminium matt, lacquered	**7544 12 83**	1

Berker Q.1/Q.3		
polar white velvety	**7544 12 29**	1
anthracite velvety, lacquered	**7544 12 26**	1

Berker K.1/K.5		
polar white glossy	**7544 12 79**	1
anthracite matt, lacquered	**7544 12 75**	1
Aluminium, aluminium anodised	**7544 12 71**	1
Stainless steel, metal matt finish	**7544 12 73**	1

Berker Arsys		
white glossy	**7544 12 42**	1
polar white glossy	**7544 12 49**	1
light bronze matt, aluminium lacquered	**7544 12 44**	1
Stainless steel, metal matt finish	**7544 12 43**	1

Temperature sensor

Characteristic resistance value at 25 °C	33 kΩ
Sensor cable length	4 m

- as replacement or function extension of products with suitable connection, such as thermostat, glass sensors or KNX thermostat

Suitable for	Order no.	Page
Glass sensors comfort		35
Glass sensors with thermostat		37
KNX thermostat		115
KNX object thermostat		116

Design	Order no.	PU
Temperature sensor	**161**	1

Light sensitive switch

Light sensitive switch

Supply voltage	Bus 29 V
Maximum connection distance of probe	100 m
Operating range	2 to 200 lux 200 to 20000 lux
Operating temperature	0°C to 45°C
Size	2 modules

This product is mainly intended for automatic control of inside/outside lighting circuits (ON/OFF and dimming controls) and blinds or rolling shutters according to ambient lighting level.

Associated with an external probe, this lightsensitive switch measures natural lighting and controls circuits according to a preset threshold range of 2 to 20000 lux.

Several light sensitive switches may be chained to increase the number of channels. In this case, only one probe is connected to one of the light sensitive switches.

Design	Order no.	PU
without cell	**TXA025**	1
with cell	**TXA026**	1

Cell for flush mounting

Dimensions	89 x 48 x 32 mm
Connection	flexible 2 x 0.75 mm² / 1m
IP	54
Operating temperature	-30°C to 60°C

- Delivered with 1 m cable

Design	Order no.	PU
cell for flush mounting	**EE002**	1

Cell for wall mounting

Dimensions	25 x 25 x 20 mm
Connection	fixed 1 to 4 mm²
IP	54
Operating temperature	-30°C to 60°C

Design	Order no.	PU
cell for wall mounting	**EE003**	1

Physical sensors

KNX weather station

KNX weather station

Supply voltage	12-40 V DC 12-28 V AC
Consumption	max. 81 mA 24 V DC 10 % residual ripple
IP	44
Operating temperature	-30 °C to 50°C
Dimensions	96 x 77 x 118 mm

The weather station GPS-KNX TG053A measures the outdoor temperature, the wind speed and light. It detects rain and daylight fall.

The weather station gets date/time and site location data from GPS signals. It calculates also the exact position of the sun (Azimuth and Altitude) based on site coordinates and date/time data. This information (brightness level and sun position) is used to control blinds with slats based on sun tracking for up to 6 building frontages.

TG053A compact case houses all sensors, electronic data processing gear, GPS antenna and KNX bus connection.

The values measured are sent to the KNX bus as physical values (2x8 bits ou 1 bit). Each output has communication objects indicating the measured and calculated values. The state of outputs depends on one or more levels. Thresholds can be defined by settings or the communication objects.

The weather station TG 053A includes an annual clock and a weekly clock. The clock channels can switch the outputs using the communication objects. The weekly clock controls up to four different time settings for each day of the week. The annual clock can be used to define up to three periods in the year with two daily ON/OFF commands for each of them. The switching times can be defined by settings or the communication objects.

The weather station also has 8 logical AND gates and 8 logical OR gates, each with four inputs. All control events, time programs, and the 8 logical inputs (such as communication objects) can be used as inputs of logical gates. The output of each gate can be configured in 1-bit or 2 x 8-bit format.

ETS software performs KNX configuration.

Design	Order no.	PU
white	**TG053A**	1

Support for TG053 weather station

Design	Order no.	PU
big (75 x 60 x 360 mm)	**TG353**	1
small (45 x 53 x 60 mm)	**TG354**	

Power supply for TG053 weather station

Supply voltage	230 V 160 mA max 24 V DC TBTS 0.25 A max
IP	54
Operating temperature	-25 °C to 50°C
Dimensions	50 x 50 x 24 mm

Design	Order no.	PU
black	**TP110**	1

Analogue inputs

Analogue input 4gang RMD

Frequency	50/60 Hz
Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	24 V~
Voltage, inputs	0-1; 0-10 V
Input impedence, voltage	18 kΩ
Sensor output voltage	24 V=
Sensor output current	max. 100 mA
Current consumption	170 mA
Inputs, current	0-20; 4-20 mA
Input impedence, current	100 Ω
Limit values	per channel 2
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE

- with green/red status LED (operation/fault)
- with programming button and red programming LED
- for active sensors
- for wind, precipitation, brightness, temperature, twilight as well as humidity and temperature sensor, surface-mounted
- extendable with an analogue input module 4gang
- bus connection via connecting terminal
- inputs parameterisable can be set individually
- input 4-20 mA will be controlled for wire break
- cyclic transmission or transmission at absolute input modification settable
- with screw terminals
- with system interface for analogue input module

Suitable for	Order no.	Page
Power supply 24 V AC RMD	ST312	120

The analogue input is for the registration and treatment of independent analogue sensor signals. Depending on the input signal, limiting value messages can be transmitted via KNX.

Input signals to according to DIN IEC 381-1, -2

Design	Order no.	PU
light grey	**TYF784**	1

Wind gauge

Wind gauge

Supply voltage	230 V AC 50 Hz
contact loading capacity	230 V AC 4 A
IP	65
Operating temperature	-25 °C to 50°C
Dimensions of the enclosure	80 x 100 x 52 mm

- Adjustment of wind's speed limit : up to 55 km/h (range ex-works 25 km/h)
- Reaction time when exceeding this limit : 3 seconds (5 seconds max.)
- Close time at wind : 10 minutes (fixed)

In the system Tebis, the wind gauge TG050 is used as a protection device for solar shading equipment against strong wind. The speed of the wind is measured by the wind gauge.

If the wind's speed exceeds the value adjusted on the potentiometer for longer than three seconds, the solar shading equipment is retracted and kept in security position for 10 minutes.

After this delay, if the wind speed has decreased, the solar shading equipment can again be controlled by switches.

Design	Order no.	PU
wind gauge and connection enclosure IP65	**TG050**	1

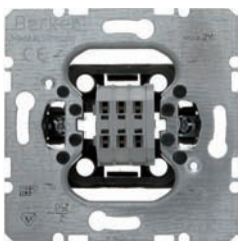
Supplementary products

Safety transformer 25VA 230V / 12-24V

Operating voltage	230 V~
Frequency	50/60 Hz
Rated power	25VA
Operating temperature	-20 ... +35 °C
Width	4 modules

- These transformers are designed to ensure personal safety, their primary winding are electrically separated from their secondary windings and they are intended to feed safety extra low voltage circuits U ≤ 50V. A thermal overload, in the primary windings, ensures that if a short circuit or an overload occurs in the output it will not damage the device.

Design	Order no.	PU
light grey	**ST312**	1



Sensor insert

- e.g. for temperature sensor PT100
- with plug-in terminals
- without spreader claws

Design	Order no.	PU
Sensor insert	**7594 10 01**	10

Central plate for sensor insert

Caution!
Use only with intermediate ring for central plate from the corresponding range.
Labelling field cannot be used.

- e.g. for temperature sensor PT100
- with slots for air circulation

Design	Order no.	PU
Berker S.1/B.3/B.7, Q.1/Q.3, K.1/K.5, Arsys		
white glossy	**7594 04 02**	1
polar white glossy	**7594 04 09**	1
polar white matt/velvety	**7594 04 89**	1
anthracite matt	**7594 04 85**	1
aluminium matt, lacquered	**7594 04 83**	1
light bronze matt, lacquered	**7594 04 04**	1
stainless steel matt, lacquered	**7594 04 03**	1

Input modules

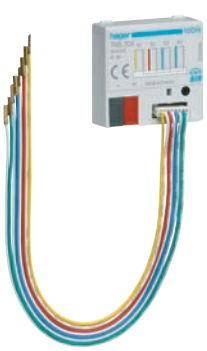
- Power supply by Bus.
- The modules are installed in a 60 mm dia. Flush mounting box in association with a pushbutton or a switch.
- Application software is used to configure the individual inputs.
- The sensors associated to the inputs (pushbuttons, switches, automatic controls) are used to control lighting, shutters, blinds.
- The Toggle Switch function changes the status of the controlled output whenever it is operated.
- This function is used for switching lighting, blind or heating circuits ON or OFF. The command may come from switches, pushbuttons or automatic controls.
- This function is used to control lighting circuits using one or two buttons
- The ON / OFF function transmits the ON / OFF object (short key-press).
- The Dimming function transmits the Dimming object (long key-press).
- This function controls a shutter or a blind using one or two push buttons.
- The Up / Down function transmits the Up / Down object (long key-press).
- The Stop / Angle function transmits the Stop / Angle object (short key-press).
- The Alarm 1 and Alarm 2 functions allow alarms coming from automatic controls to be periodically emitted (anemometer, rain detector, light sensitive switch, etc.)
- The Heating mode function is used to select a heating or air conditioning set point (Comfort, Eco, Frost protection, Absence). The command may come from switches, pushbuttons or automatic controls.
- The Value function (2 byte) is used for sending: Percentage %, Temperature °C, Luminosity level Lux, Brightness value % and Value 0-65535.
- The Scene function is used to select and storing scenes.
- The Timer function is used to switch ON or OFF a lighting circuit, shutters, heating for an adjustable time.
- The Priority function allows an input to be forced to a defined status.
- The Two Channel mode function allows controlling, with the same pushbutton, two independent circuits having different functions.
- The Jamming function is used to lock an input via an object on the bus.
- With programming button and red programming LED.

2-input universal module

Contact current	0.5 mA
Supply voltage	30V DC
Busline max consumption	15 mA
Dimensions	38 x 35 x 12 mm
Degree of protection	IP 30
Operating temperature	+0 ... +45°C
Storage temperature	-20 ... +70°C
Standards	EN 60 669-2-1 NF EN 50 428

- Universal input modules are used to interface contacts free of potential with KNX bus.
- In this way, pushbuttons, switches or conventional automatic controls can become communicating devices.
- 2 independent channels.

Design	Order no.	PU
light grey, 2gang	**TXB302**	1



4-input universal module

Contact current	0.5 mA
Supply voltage	30V DC
Busline max consumption	15 mA
Dimensions	38 x 35 x 12 mm
Degree of protection	IP 30
Operating temperature	+0 ... +45°C
Storage temperature	-20 ... +70°C
Standards	EN 60 669-2-1 NF EN 50 428

- Universal input modules are used to interface contacts free of potential with KNX bus.
- 4 independent channels.

Design	Order no.	PU
light grey, 4gang	**TXB304**	1

4 LED kit

Suitable for	Order no.	Page
2-input / 2-output indication of state	TXB322	122
4-input / 4-output indication of state	TXB344	122

Design	Order no.	PU
Ø 5mm, red	**TG308**	1

Input / output modules

- Power supply by Bus.
- Control of 2 LEDs.
- The modules are associated with push buttons or switches and are installed in a flush-mounted wall box of diameter 60mm and adapted depth.
- Connection length to push button and LEDs shall not exceed 5m.
- Physical addressing is done using push button and LED.
- Application softwares are used to configure the individual inputs of the TXB322 products.
- The products allow controlling lighting, blinds, shutters, heating and scenes.
- The Priority function sends priority-start or priority-stop commands.
- The Scene function sends group controls to different kinds of outputs to create ambiences or scenarios (leaving home scenario, reading ambience, etc.).
- The Jamming function authorizes product locking. Jamming forbids sending commands.
- The 2-channel mode function allows controlling, with the same pushbutton, 2 independent circuits having different functions.
- LED outputs (statusindication) control the lighting of standard LED signal lamps.

2-input / 2-output module LED (status indication)

LED outputs specifications	I = 850 µA U = 1.8V DC
Supply voltage	30V DC
Busline max consumption	15 mA
Dimensions	38 x 35 x 12 mm
Degree of protection	IP 30
Operating temperature	+0 ... +45°C
Storage temperature	-20 ... +70°C
Standards	EN 60 669-2-1 NF EN 50 428

- The universal input modules interface potential free contacts with KNX.
- Push buttons, switches and conventional automatisms can thus be used to drive standard LED indicators.
- Outputs can control conventional signaling LEDs.
- 2 independent channels.

Design	Order no.	PU
light grey, 2gang	**TXB322**	1

4-input / 4-output module LED (status indication)

LED outputs specifications	I = 850 µA U = 1.8V DC
Supply voltage	30V DC
Busline max consumption	15 mA
Dimensions	38 x 35 x 12 mm
Degree of protection	IP 30
Operating temperature	+0 ... +45°C
Storage temperature	-20 ... +70°C
Standards	EN 60 669-2-1 NF EN 50 428

- The universal input modules interface potential free contacts with KNX.
- 4 independent channels.

Design	Order no.	PU
light grey, 4gang	**TXB344**	1

Binary inputs

- Power failure detection is available to filter false alarms due to cut-off of all inputs connected on the same reference phase.
- Output states are displayed on the product.
- Outputs can be controlled manually from the product
- Application software is used to configure the individual inputs
- The sensors associated to the inputs (pushbuttons, switches, automatic controls) are used to control lighting, shutters, blinds
- The Toggle Switch function changes the status of the controlled output whenever it is operated
- This function is used for switching lighting, blind or heating circuits ON or OFF. The command may come from switches, pushbuttons or automatic controls
- This function is used to control lighting circuits using one or two buttons
    - The ON / OFF function transmits the ON / OFF object (short key-press)
    - The Dimming function transmits the Dimming object (long key-press)
- This function controls a shutter or a blind using one or two push buttons.
    - The Up / Down function transmits the Up / Down object (long key-press)
    - The Stop / Angle function transmits the Stop / Angle object (short key-press)
- The Alarm 1 and Alarm 2 functions allow alarms coming from automatic controls to be periodically emitted (anemometer, rain detector, light sensitive switch, etc.)
- The Heating mode function is used to select a heating or air conditioning set point (Comfort, Eco, Frost protection, Absence).
- The command may come from switches, pushbuttons or automatic controls.
- The Value function (2 byte) is used for sending: Percentage %, Temperature °C, Luminosity level Lux, Brightness value % and Value 0-65535.
- The Scene function is used to select and storing scenes.
- The Timer function is used to switch ON or OFF a lighting circuit, shutters, heating for an adjustable time
- The Priority function allows an input to be forced to a defined status
- The Two Channel mode function allows controlling, with the same pushbutton, two independent circuits having different functions.
- The Jamming function is used to lock an input via an object on the bus
- The power cut detection function is used for specific management of an input during a power cut, taking into account all the status changes which could occur during this period
- With programming button and red programming LED
- Bus connection via connecting terminal
- Quick Connection Terminal

4 channel input module

Signal voltage	230V AC 50 Hz
Maximum connection distance per input	100 m
Minimum contacts closing time	18 ms
Low signal level	0 -> 100 V
High signal level	> 195 V
Supply voltage	30V DC
Busline max consumption	4 mA
Width	4 modules
Operating temperature	0°C to +45°C
Connections	0.75 to 2.5 mm^2

- Universal input modules allow interfacing 230V AC contacts supplied by KNX bus
- In this way, pushbuttons, switches or conventional automatic controls can become communicating devices
- 4 independent channels can be connected on different phases
- It is possible to connect 10 illuminated pushbuttons per channel

Design	Order no.	PU
light grey	**TXA304**	1

6 channel input module

Signal voltage	24 ... 230V AC (50Hz)/DC
Maximum connection distance per input	100 m
Minimum contacts closing time	50 ms
Supply voltage	30V DC
Busline max consumption	7 mA
Width	6 modules
Operating temperature	0°C to +45°C
Connections	0.75 to 2.5 mm²

- Universal input modules allow interfacing contacts free of potential or supplied with 24…230V AC/DC power by bus KNX.
- In this way, pushbuttons, switches or conventional automatic controls can become communicating devices.
- 6 independent channels with automatic recognition of the type of connected circuit (24…230V AC/DC or circuit free of potential).
- It is possible to connect 5 illuminated pushbuttons per channel

Design	Order no.	PU
light grey	**TXA306**	1

10 channel input module

Signal voltage	230V AC 50 Hz max
Maximum connection distance per input	100 m
Minimum contacts closing time	18 ms
Low signal level	0 -> 100 V
High signal level	> 195 V
Supply voltage	30V DC
Busline max consumption	15 mA
Width	6 modules
Operating temperature	0°C to +45°C
Connections	0.75 to 2.5 mm²

- Universal input modules allow interfacing 230V AC contacts supplied by KNX bus
- In this way, pushbuttons, switches or conventional automatic controls can become communicating devices
- 10 independent channels can be connected on different phases

Design	Order no.	PU
light grey	**TXA310**	1

Time switches

2 channels electronic time switches weekly cycle

Supply voltage	Bus 30 V DC
Consumption	9.5 mA max (TXA022) 10 mA max (TXA023)
IP	20
Operating temperature	-5 °C to 45°C
Size	2 modules

- Product delivered with current time and date set.
- Automatic change of winter / summer time
- Programming key:
  - for permanent overrides,
  - for program copy or save
- Programming for day or group of days
- 56 program steps On, Off , 1 s to 30 min pulse or options
- Permanent overrides On or Off (permanent light on).
- ON or OFF temporary priority settings, using configuration tools
- Temporary overrides On or Off (flashing)
- Holiday mode : overrides On or Off between two dates
- Simulation of presence
- Display bar graph of daily profile for both channels.
- Keyboard locking possible
- Programmable with power off
- DCF Synchronization (only for TXA023)
- Possible transmission of date and time on the bus

Design	Order no.	PU
EASY	**TXA022**	1
with DCF	**TXA023**	1

Clock key

Avoids unrequested handling of the TXA022 and TXA023 time switches.

Design	Order no.	PU
yellow	**EG004**	1

Programming key

Allows complementary programms back-up for TXA022 and TXA023 time switches.

Design	Order no.	PU
grey	**EG005**	1

Consumption indicator and energymeters

KNX consumption indicator

Bus power supply	30 V DC (TBTS)
Mains power supply	230 V AC +10/-15% 50 Hz
Max. consumption on the bus	15 mA to 30 V DC
Dissipated output	0.5 W max
Connection capacity: - for the upper terminals - for the lower terminals	 0.75 to 2.5 mm^2 0.2 to 1.5 mm^2
IP	20
Operating temperature	-5 °C to 45°C
Size	6 modules

The consumption indicator informs users of their consumption through 4 metering channels. It is used to monitor and control energy consumption and is built into an automatic global energy management system.

- This product can be used in a single-phase or three-phase installation. In three-phase, consumption is measured phase by phase
- The data is sent on the KNX bus
- In addition to metering, the consumption indicator also has:
  - 1 tariff input T1/T2
  - a temperature input for the connection of a probe
- The system can be constructed with several TE330. This thus makes it possible to measure one or more circuits using toroids
- The consumption indicator is adapted for use with domovea. In this case, the display devices are:
  - meter (consumption)
  - meter (production)
  - energy
  - power
  - sub-counter (consumption)
- It can also be interfaced with the ambiance units or other display systems thanks to objects sent on the KNX bus
- It is used to display the current tariff and the energy consumption according to the current tariff. The tariff can also be distributed to other devices on the bus
- Includes 3 current transformers and straps.

Design	Order no.	PU
light grey	**TE330**	1

Temperature sensors

Design	Order no.	PU
outdoor sensor	**EK088**	1
indoor sensor	**EK089**	1

Three phase energymeter, direct reading 100A

Voltage	230 V AC 50/60 Hz
Starting current	40 mA
Base current	10A
Max current	63A

Energymeters are aimed to measure the active energy consumed by an installation.
They permit to have under control the real cost of an installation and to divide the consumption between the different appliances.

- Fully compliant with the european standard EN50470-3.
- Class B.
- Accuracy 1%
- Energy readout : 7 digits.
- Backlighted display
- Indication of instantaneous power consumption
- Total / partial counter (excepted MID references)
- Pulsed ouput
- unlimited saving of measures.
- LED flashing according to consumption.
- Option : tarif 1 / tarif 2.
- Three phases energymeters are adapted to all kind of networks.
- Display indication in case of bad wiring.

Design	Order no.	PU
light grey	**TE360**	1

Three phase energymeters, connection via current transformers

Voltage	230/400 V AC 50/60 Hz
Starting current	10 mA
Max current on CT secondary	6A

Energymeters are aimed to measure the active energy consumed by an installation.
They permit to have under control the real cost of an installation and to divide the consumption between the different appliances.

- Fully compliant with the european standard EN50470-3.
- Class B.
- Accuracy 1%
- Energy readout : 7 digits.
- Backlighted display
- Indication of instantaneous power consumption
- Total / partial counter (excepted MID references)
- Pulsed ouput
- unlimited saving of measures.
- LED flashing according to consumption.
- Option : tarif 1 / tarif 2.
- Three phases energymeters are adapted to all kind of networks.
- Display indication in case of bad wiring.

Design	Order no.	PU
light grey	**TE370**	1

Current transformers for TE360 and TE370

Design	Order no.	PU
50 / 5 A	**SR051**	1
100 / 5 A	**SR101**	1
150 / 5 A	**SR150**	1
200 / 5 A	**SR200**	1
250 / 5 A	**SR250**	1
300 / 5 A	**SR300**	1
400 / 5 A	**SR400**	1
600 / 5 A	**SR600**	1
800 / 5 A	**SR800**	1
1000 / 5 A	**SR850**	1
1500 / 5 A	**SR900**	1
2000 / 5 A	**SR910**	1

Switching actuators

- Common parameter of switching actuator
- Output states are displayed on the product.
- Outputs can be controlled manually from the product
- Each output to be individually configurated for Lighting or Heating
- The ON/OFF function is used to switch a lighting circuit ON or OFF
- The Status indication function displays the status of the output contact
- The Timer function is used to switch a lighting circuit ON or OFF for an adjustable time
- The Time delayed switch function combines a toggle function and a cut-off delay
- The Priority function allows overriding an output to a definite status, ON or OFF
- The Jamming function allows locking an output in its current status
- Each output may be integrated into 32 different scenes
- The Timer and Automatic controls function allow the outputs to by controlled by:
    - Timer functions: Timer/toggle change over, Switching delay, Tripping delay, Switching and tripping delay, Timer.
    - Aut omatic control functions: Authorization, Logical AND or Logical

OR

- Each output may be integrated into 32 different scenes
- Manual override, permanent or Time limited.
- Behavior in the event of bus voltage failure/Return parameterisable
- With programming button and red programming LED
- Bus connection via connecting terminal
- Quick Connection Terminal

	Max. switching capacity for switching actuators					
	TYA604A TYA606A TYA608A TYA610A	TYA604B TYA606B TYA608B TYA610B	TYA604C TYA606C TYA608C TYA610C	TYA604D TYA606D TYA608D TYA610D	TYA606E	TYB601A TYB602A
230 V incandescent and halogen lamps	800 W	1200 W	2300 W	2300 W	2300 W	600 W
Halogen ELV (12 or 24V) via ferromagnetic transformer	800 W	1200 W	1600 W	1600 W	1600 W	600 W
Halogen ELV (12 or 24V) via Electronic transformer	800 W	1000 W	1200 W	1200 W	1380 W	600 W
Fluorescent tubes non compensated	800 W	1000 W	1200 W	1200 W	800 W	600 W
Fluorescent tubes for electronic ballast	450 W	550 W	725 W	725 W	25 x 18 W	6 X 58 W
Parallel compensated fluorescent tubes	-	-	-	1500 W (200µF)	1000 W (130µF)	-
Compact fluorescent with PF < 0.6	150 W	300 W	425 W	425 W	25 x 18 W	6 X 18 W

4 channel switching actuator 4A/10A/16A/16A (Capacitive Load)

Supply voltage	30 V DC
Power dissipation	1 W (TYA204A) 3 W (TYA204B) 8 W (TYA204C) 8 W (TYA204D)
Width	4 modules
Operating temperature	0°C to +45°C
Connections	0.75 to 2.5 mm^2

- The 4-fold output module TYA604. are relays designed to interface Bus KNX with on/off electric loads
- 4 volt-free contacts

Design	Order no.	PU
switching actuator 4A	**TYA604A**	1
switching actuator 10A	**TYA604B**	1
switching actuator 16A	**TYA604C**	1
switching actuator 16A for capacitive load	**TYA604D**	1

6 channel switching actuator 4A/10A/16A/16A (Capacitive Load)

Supply voltage	30 V DC
Power dissipation	1 W (TYA206A) 5 W (TYA206B) 12 W (TYA206C) 12 W (TYA206D) 6 W (TYA206E)
Width	4 modules 6 modules (TYA606E)
Operating temperature	0°C to +45°C
Connections	0.75 to 2.5 mm^2

- The 6-fold output module TYA606. are relays designed to interface Bus KNX with on/off electric loads
- 6 volt-free contacts

Design	Order no.	PU
switching actuator 4A	**TYA606A**	1
switching actuator 10A	**TYA606B**	1
switching actuator 16A	**TYA606C**	1
switching actuator 16A for capacitive load	**TYA606D**	1
switching actuator 16A for capacitive load with current monitoring	**TYA606E**	1

8 channel switching actuator 4A/10A/16A/16A (Capacitive Load)

Supply voltage	30 V DC
Power dissipation	2 W (TYA206A) 6 W (TYA206B) 12 W (TYA206C) 12 W (TYA206D)
Width	6 modules
Operating temperature	0°C to +45°C
Connections	0.75 to 2.5 mm^2

- The 8-fold output module TYA608. are relays designed to interface Bus KNX with on/off electric loads
- 8 volt-free contacts

Design	Order no.	PU
switching actuator 4A	**TYA608A**	1
switching actuator 10A	**TYA608B**	1
switching actuator 16A	**TYA608C**	1
switching actuator 16A for capacitive load	**TYA608D**	1

10 channel switching actuator 4A/10A/16A/16A (Capacitive Load)

Supply voltage	30 V DC
Power dissipation	3 W (TYA206A) 7 W (TYA206B) 15 W (TYA206C) 15 W (TYA206D)
Width	6 modules
Operating temperature	0°C to +45°C
Connections	0.75 to 2.5 mm^2

- The 10-fold output module TYA610. are relays designed to interface Bus KNX with on/off electric loads
- 10 volt-free contacts
- Each output to be individually configurated for Lighting or Shutters/Blinds applications
- Shutters/Blinds applications required two Output Channel

Design	Order no.	PU
switching actuator 4A	**TYA610A**	1
switching actuator 10A	**TYA610B**	1
switching actuator 16A	**TYA610C**	1
switching actuator 16A for capacitive load	**TYA610D**	1

1 flush mounted output

Supply voltage	30 V DC SELV
Power dissipation	225 W
Typical consumption on the KNX bus	5.3 mA
Standby consumption on the KNX bus	4.7 mA
Dimensions	53 x 29 mm
Operating temperature	0°C to +45°C
Connections	0.75 to 2.5 mm^2
Breaking capacity	µ230 Vv 4A AC1
Surge voltage	4kV
Protection degree	IP20

- 1 channel controlled via the KNX bus (depending on features configured).
- Output state is displayed on the product.
- Output can be manually controlled using the pushbutton.

Each product feature depends on its configuration and settings.

Design	Order no.	PU
light grey	**TYB601A**	1

2 flush mounted outputs

Supply voltage	30 V DC SELV
Power dissipation	225 W
Typical consumption on the KNX bus	5.9 mA
Standby consumption on the KNX bus	4.7 mA
Dimensions	53 x 29 mm
Operating temperature	0°C to +45°C
Connections	0.75 to 2.5 mm^2
Breaking capacity	µ230 Vv 4A AC1
Surge voltage	4kV
Protection degree	IP20

- 2 channels controlled via the KNX bus (depending on features configured).
- Outputs state are displayed on the product.
- Outputs manual control option from pushbuttons.

Each product feature depends on its configuration and settings.

Design	Order no.	PU
light grey	**TYB602A**	1

Dim actuators

Universal dim actuators

- 1 dimming channels controlled by KNX bus.
- Universal dimmer with automatic load recognition
- Min/Max level local setting.
- Display of channel state on the product.
- Manual mode that allows dimming even when the bus is disconnected.
- Control button for manual mode.
- Per channels 32 light scenes with a related scene speed
- Short-circuit, over heating & overload protection with LED indication
- With programming button and red programming LED in same button.
- Bus connection via connecting terminal.
- Quick Connection Terminal.

1 channel universal dimmer 300W

Supply voltage	30 V DC 230 V AC 50/60 Hz
Busline max consumption	2.3 mA
Consumption without load	3 W
Power dissipation	4 W
Width	4 modules
Operating temperature	-5°C to +45°C
Connections	0.75 to 2.5 mm²

- 230 V incandescent and halogen lamps 300W
- Halogen ELV (12 or 24V) via ferromagnetic transformer suitable for dimming 300VA.
- Halogen ELV (12 or 24V) via electronic transformer suitable for dimming 300W
- Dimmable CFL lamp (CFLi) with integrated ballast suitable for dimming 60W
- Dimmable LED lamp(LEDi) with integrated ballast suitable for dimming 60W

Design	Order no.	PU
light grey	**TYA661A**	1

1 channel universal dimmer 600W

Supply voltage	30 V DC 230 V AC 50/60 Hz
Busline max consumption	2.3 mA
Consumption without load	3 W
Power dissipation	7.5 W
Width	4 modules
Operating temperature	-5°C to +45°C
Connections	0.75 to 2.5 mm²

- 230 V incandescent and halogen lamps 600W
- Halogen ELV (12 or 24V) via ferromagnetic transformer suitable for dimming 600VA.
- Halogen ELV (12 or 24V) via electronic transformer suitable for dimming 600W
- Dimmable CFL lamp (CFLi) with integrated ballast suitable for dimming 120W
- Dimmable LED lamp (LEDi) with integrated ballast suitable for dimming 120W

Design	Order no.	PU
light grey	**TYA661B**	1

3 channels universal dimmer 300W

Supply voltage	30 V DC 230 V AC 50/60 Hz
Busline max consumption	2.3 mA
Consumption without load	5 W
Power dissipation	8.9 W
Width	6 modules
Operating temperature	-5°C to +45°C
Connections	0.75 to 2.5 mm²

- 1, 2, or 3 dimming channels controlled by KNX bus.
- The product can control 1, 2 or 3 independent lighting circuits, the outputs number depends on the switch position.
- 230 V incandescent and halogen lamps 300W, 600W, 900W according to output selector switch per channel.
- Halogen ELV (12 or 24V) via ferromagnetic transformer suitable for dimming 300W, 600W, 900W according to output selector switch per channel.
- Halogen ELV (12 or 24V) via electronic transformer 300W, 600W, 900W according to output selector switch per channel.
- Dimmable CFL lamp (CFLi) with integrated ballast suitable for dimming 210W, 120W, 60W according to output selector switch per channel.
- Dimmable LED lamp (LEDi) with integrated ballast suitable for dimming 210W, 120W, 60W according to output selector switch per channel.

Design	Order no.	PU
light grey	**TYA663A**	1

1 - 10 V / DALI interfaces

3 channel 1 - 10 V dimmer

Supply voltage	30 V DC 230 V AC 50/60 Hz
Busline max consumption	2.3 mA
Consumption without load	3 W
Power dissipation	9 W
Control current per channel	50 mA max
Switching current	16A
230 V incandescent and halogen lamps	2300 W
Halogen ELV (12 or 24V) via ferromagnetic transformer/ electronic transformer	1500 VA / 1500 W
Electronic Ballast 1-10V	1000 W
Dimmable Electronic Ballast	50 mA max
Light Dimmer	30 max
Width	4 modules
Operating temperature	0°C to +45°C
Connections	1 to 6 mm^2 (screw terminal)

- 3 dimming channels controlled by bus KNX
- Control lighting circuits via a 1/10V connection, acting upon remote control dimmers or electronic ballasts
- Min/Max level local setting
- State of channel displayed on product
- Manual control of channels available locally on the product for Wiring, testing and start-up
- After power on, a 20-sec delay is required for the dimmer switch to perform the first control operation
- With potential-free NO contacts
- Basic brightness programmable
- Behavior in the event of bus voltage failure parameterisable
- With programming button and red programming LED
- Bus connection via connecting terminal
- With screw terminals

Design	Order no.	PU
light grey	**TX211A**	1

KNX DALI-Gateway

KNX supply voltage	21 ... 32 V DC SELV
External supply voltage	110...240 V AC +10%/-15% 50/60 Hz
Busline max consumption	typically 150 mW
Power consumption	max. 6 W
Total power loss	max. 3 W
Operating temperature	-5°C to +45°C
Connections	screw terminal preferably on top
DALI voltage	typically 16 V DC with overvoltage protection
DALI current	typically 128mA max. 200mA temporarily

- Control of a maximum of 64 DALI devices in a max. of 32 groups
- Manual control of the groups independent of the bus (site operation with broadcast control)
- Feedback of DALI error status or short-circuit and supply voltage failure message
- Central switching function
- Incorporation of the groups into up to 16 lightscenes possible
- All channel-oriented functions can be parameterized separately for each group. This feature permits independent and multi-functional control of the DALI devices
- The Staircase timer function can only be parameterized for groups 1 ... 16
- Adjusting the limit values for brightness is possible.
- Dimming response can be parameterized.
- Soft-On or Soft-Off function
- Disable function or, alternatively, forced-control position function can be parameterized for each group, with the disable function, blinking of lighting groups is possible
- Timer functions (ON-delay, OFF-delay, staircase lighting function, also with pre-warning function)
- Response to bus voltage failure and bus voltage return as well as after ETS programming can be adjusted for each group
- Automatic device replacement
- With programming button and red programming LED
- Bus connection via connecting terminal
- With screw terminals preferably on top

Design	Order no.	PU
light grey	**TYA670D**	1

3-channel LED controller

3-channel LED controller - voltage controlled

Supply voltage	12-24 V DC
Maximum charge	2.2 A / channel
Max power	12V DC 80 W 24V DC 155 W
Control mode	direct voltage
Number of channel	1-3
Control signal	KNX
Consumption on the KNX bus	Max. 12 mA
Operating temperature	-5°C to +45°C
Connections	KNX wire 0.75 to 1.5 mm^2 (screw-on terminal block)
Output signal	PWM / 600Hz
Max. cable length	10 m
Protection degree	IP20

- 3 variation channels controlled by the KNX bus
- 60 scenes called up by the KNX bus
- 4 different colour sequences including up to 12 colours per sequence.
- Short circuit protection
- Overheating protection
- Electrical surge protection
- Polarity reversal protection

The TYB673A 3-channel LED controller can be used to vary the luminosity of a voltage controlled LED module.
This product can be used more particularly to control a coloured lighting system, create lighting effects or launch a sequence of pre-programmed colours.

Design	Order no.	PU
black	**TYB673A**	1

3-channel LED controller - current controlled

Supply voltage	24 V DC
Output current	350/500/700 mA
Control mode	direct current
Max output voltage	22V DC
Number of channel	1-3
Control signal	KNX
Consumption on the KNX bus	Max. 12 mA
Operating temperature	-5°C to +45°C
Connections	KNX wire 0.75 to 1.5 mm^2 (screw-on terminal block)
Output signal	PWM / 600Hz
Max. cable length	10 m
Protection degree	IP20

- 3 variation channels controlled by the KNX bus
- 60 scenes called up by the KNX bus
- 4 different colour sequences including up to 12 colours per sequence.
- Short circuit protection
- Overheating protection
- Electrical surge protection
- Polarity reversal protection

The TYB673B 3-channel LED controller can be used to vary the luminosity of a current controlled LED module.
This product can be used more particularly to control a coloured lighting system, create lighting effects or launch a sequence of pre-programmed colours.

Design	Order no.	PU
black	**TYB673B**	1

Blind actuators RMD

- Outputs can be controlled manually from the product
- Output states are displayed on the product
- Delay time between 2 opposite directions 600 ms.
- Application softwares allow each output to be individually configurated for Shutter/Blind applications.
- The Up/Down Function allows moving up or down a shutter, a blind with inclinable slats, an awning, a Venetian blind, etc.
- The Up/Down function also allows opening and closing electric curtains.
- The Slat angle/Stop function allows inclining the slats of a blind or stopping its current movement.
- The Slat angle/Stop function allows modifying the occultation or the direction of the light beams coming from outside.
- The Stop function allows stopping the current shutter movement.
- The Position in % function allows putting a shutter or a blind in a desired position expressed in % of closure.
- The Slat angle function allows inclining the slats of a blind into a desired position expressed in degrees (0° to 180°).
- Wind alarm and rain alarm functions allow putting a shutter or a blind in a parameterisable predefined status.
- The Priority function allows forcing a shutter or a blind into a predefined position.
- The Jamming function allows locking a shutter or a blind in its current position.
- Each output may be integrated into 32 different scenes.
- The Status indication function allows sending on the bus:
  - St atus indication (1 byte): indicates the current operating mode of the output (Alarm, Priority, Jamming, and Normal)
  - Position indication in %: indicates the position of the shutter or blind
  - Slat angle indication in °: indicates the position of the shutter or blind
  - St atus indication (1Bit): indicates the last movement, up or down, of the shutter or blind

Output device for 4 shutters 230V AC

Supply voltage	30 V DC SELV
Power dissipation	2W
Typical consumption on the KNX bus	5,2 mA
Standby consumption on the KNX bus	4,5 mA
Width	4 modules
Operating temperature	-5°C to +45°C
Connections	0.75 to 2.5 mm^2
Breaking capacity	µ230 Vv 6A AC1
Surge voltage	4kV
Protection degree	IP20

- 4 independent channels controlled by bus KNX.
- Output states are displayed on the product.
- Outputs can be controlled manually from the product.

Each product feature depends on its configuration and settings.

The 4-output drivers TYA624A and TYA624C are actuators that allow interfacing Bus KNX with opening devices. They are part of the tebis Installation System and are designed to control such devices as rolling shutters, blinds with awnings, blinds with slats, etc.

Design	Order no.	PU
output device for 4 shutters	**TYA624A**	1
output device for 4 shutters and / or blinds	**TYA624C**	1

Output device for 4 shutters 24V DC

Supply voltage	30 V DC SELV
Power dissipation	2W
Typical consumption on the KNX bus	5,2 mA
Standby consumption on the KNX bus	4,5 mA
Width	4 modules
Operating temperature	-5°C to +45°C
Connections	0.75 to 2.5 mm^2
Breaking capacity	µ 24V DC 6A DC1
Surge voltage	4kV
Protection degree	IP20

- 4 independent channels controlled by bus KNX.
- Output states are displayed on the product.
- Outputs can be controlled manually from the product.

Each product feature depends on its configuration and settings.

The 4-output drivers TYA624B and TYA624D are actuators that allow interfacing Bus KNX with opening devices. They are part of the tebis Installation System and are designed to control such devices as rolling shutters, blinds with awnings, blinds with slats, etc.

Design	Order no.	PU
output device for 4 shutters	**TYA624B**	1
output device for 4 shutters and / or blinds	**TYA624D**	1

Output device for 8 shutters 230V AC

Supply voltage	30 V DC SELV
Power dissipation	2W
Typical consumption on the KNX bus	15.8 mA
Standby consumption on the KNX bus	8.8 mA
Width	6 modules
Operating temperature	-5°C to +45°C
Connections	0.75 to 2.5 mm^2
Breaking capacity	µ230 Vv 6A AC1
Surge voltage	4kV
Protection degree	IP20

- 8 independent channels controlled by bus KNX.
- Product display of outputs status with or without the presence of bus and/or main supply (230V~).
- The outputs may be switched with or without the presence of bus and/or main supply (230V~).

Each product feature depends on its configuration and settings.

The 8-output drivers TYA628A and TYA628C are actuators that allow interfacing Bus KNX with opening devices. They are part of the tebis Installation System and are designed to control such devices as rolling shutters, blinds with awnings, blinds with slats, etc.

Design	Order no.	PU
output device for 8 shutters	**TYA628A**	1
output device for 8 shutters and / or blinds	**TYA628C**	1

1-output module for shutters and/or blinds, flush mounting

Supply voltage	30 V DC SELV
Power dissipation	225 mW
Typical consumption on the KNX bus	5.9 mA
Standby consumption on the KNX bus	4.7 mA
Dimensions	53 x 29 mm
Operating temperature	-5°C to +45°C
Connections	0.75 to 2.5 mm^2
Breaking capacity	µ230Vv 4A AC1
Surge voltage	4kV
Protection degree	IP20

- 1 controlled channel.
- Visualization of the movement in progress (up/down) on the product.
- Up/down manual control option from pushbuttons.

Each product feature depends on its configuration and settings.

The 1-output controls TYB621C are actuators that enable interfacing of the KNX Bus with the opening elements. They are part of the tebis installation system. They are used to control opening elements such as shutters, awnings, venetian blinds, etc.

Design	Order no.	PU
flush mounting	**TYB621C**	1

HVAC actuators RMD

Heating actuator 6gang RMD 230 V

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230/240 V~
Frequency	50/60 Hz
Switching current at 250 V~	max. 50 mA
Actuators per channel	max. 4
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	58 mm
Dimensions (W x H x D)	72 x 90 x 65 mm
Width of rail mounted device (RMD)	4 TE

- valve drives for thermoelectric valve drives 230 V, closed in de-energized state
- for individual single room temperature control
- for continuous (PI) or switched (2-point) control
- with programming button and red programming LED
- bus connection via connecting terminal
- with emergency programme, e.g. for sensor or bus failure
- with screw terminals

Suitable for	Order no.	Page
Valve drive 230 V	7590 00 76	137

Design	Order no.	PU
light grey	**TYF646T**	1

Fan coil actuator 2gang RMD

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
230 V incandescent lamps	2300 W
230 V halogen lamps	2300 W
Conventional transformers	1200 W
Electronic transformers	1500 W
Fluorescent lamps:	
- uncompensated	1000 W
- parallel compensated	1160 W /140 µF
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width	4 modules

Comply with the fan convector manufacturer's instructions.
Optimised for commissioning with ETS3 from version D, patch A.

- for the electric activation of fan convectors
- for converting RTR control variables into valve positions, fan stages
- activation of 1 or 2 fan channels with 6 or 3 fan stages
- for operating modes heating/cooling or heating and cooling
- manual activation of blow fans using push-buttons or the operating panel
- use of free channels to control switching loads
- 4 manual operation buttons for controlling fan stages and bus function on/off
- manual operating also possible without bus e.g. on building site
- with programming button and red programming LED
- with 8 red status LEDs and 3 red LEDs as manual actuation indication
- bus connection via connecting terminal
- with screw terminals

Design	Order no.	PU
light grey	**TYF642F**	1

Valve drives

KNX valve drive

Power supply	bus KNX 30V DC TBTS
Power consumption	< 10 mA
Run time	< 20 s/mm
Set force	> 120N
Maximal stroke	6 min
Target value display	5 LEDs
Operating temperature	0°C to +50°C
Dimensions	82 x 50 x 65 mm

- Automatic regulating apparatus and temperature collection apparatus.
- Work mode: Comfort, Standby, Night time, Frost.
- Oriented start up
- Forced service
- Summer operation

Design	Order no.	PU
white	**TX502**	1

IP54

Valve drive 230 V

Operating voltage	230 V~
Frequency	0 … 60 Hz
Power consumption	1.8 W
Running time	45 s /mm
Stroke	4 mm
Operating temperature	+0 ... +60 °C
Medium temperature	max. 0 ... 100 °C
Pre-assembled cables	≈ 1 m
Dimensions (W x H x D)	44 x 60 x 61 mm

- valve drives closed in de-energized state
- thermoelectric mode of operation
- with state indication (opened or closed)
- with overheating protection
- with anti-dismantling protection
- pluggable connection cable
- for plug-in cover

Neutral conductor necessary!

Order valve adapter separately.

Suitable for	Order no.	Page
Valve adapter for valve drive	7590 00 7.	137
Heating actuator 6gang RMD 230 V	TYF646T	136
Heating actuator 230 V flush-mounted	TYB641A	139

Design	Order no.	PU
polar white	**7590 00 76**	1

IP54

Valve drive 24 V AC/DC

Operating voltage	24 V~/=
Frequency	50/60 Hz
Power consumption	1.8 W
Running time	45 s /mm
Stroke	4 mm
Operating temperature	+0 ... +60 °C
Medium temperature	max. 0 ... 100 °C
Line length	max. 200 m
Pre-assembled cables	≈ 1 m
Dimensions (W x H x D)	44 x 60 x 61 mm

- valve drives closed in de-energized state
- thermoelectric mode of operation
- with state indication (opened or closed)
- with overheating protection
- with anti-dismantling protection
- pluggable connection cable
- for plug-in cover

Order valve adapter separately.

Suitable for	Order no.	Page
Heating actuator 6 channels	TX206H	139
Valve adapter for valve drive	7590 00 7 ..	137

Design	Order no.	PU
polar white	**7590 00 77**	1

Valve adapter for valve drive

Cap nut (M x L)	M30 x 1.5 mm
Metric thread	M30

More valve adapters upon request.

Suitable for	Order no.	Page
Valve drive 230 V	7590 00 76	137
Valve drive 24 V AC/DC	7590 00 77	137

Design	Order no.	PU
grey, VA10, Dumser/Simplex/Beulco (from 2005)	**7590 00 72**	1
dark grey, VA50, Cazzaniga/Honeywell & Braukmann/ Landis & Gyr/Frese/Reich (distributor)/KaMo	**7590 00 73**	1
light grey, VA80, Comap/Empur/Heimeier/Herb/IVAR/ MNG/Onda/Oventrop/Schlösser/Strawa/TA/Thermot	**7590 00 75**	1
polar white, VA78, flane for Danfoss valves, type: RA	**7590 00 74**	1

Analogue actuators

Analogue actuator 4gang RMD

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	24 V~
Frequency	50/60 Hz
Output load voltage	> 1 kΩ
Voltage, outputs	0 ... 1; 0 ... 10 V
Output current per channel	max. 20 mA
Current consumption	max. 170 mA
Outputs current	0 ... 20, 4 ... 20 mA
Output load current	< 500 Ω
Forced controls (1-bit objects)	per channel 2
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE

The analogue actuator receives KNX telegrams and converts them into current and/or voltage signals, e.g. for heating, air conditioning and ventilation systems.
Output signals according to DIN IEC 381

- with green/red status LED (operation/fault)
- with red programming LED
- channels can be adjusted independently
- with programming button
- expandable with 4gang analogue actuator module
- bus connection via connecting terminal
- initial status via status- and/or switch object evaluable
- with 4 independant analogue outputs
- cyclic supervision of the outputs
- with screw terminals
- with system interface for analogue actuator module

Suitable for	Order no.	Page
Power supply 24 V AC RMD	ST312	120
optional		
Analogue actuator module 4gang RMD	TYF684A	138

Design	Order no.	PU
light grey	**TYF684**	1

Analogue actuator module 4gang RMD

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	24 V~
Frequency	50/60 Hz
Output load voltage	> 1 kΩ
Voltage, outputs	0 ... 1; 0 ... 10 V
Output current per channel	max. 20 mA
Current consumption	max. 170 mA
Outputs current	0 ... 20, 4 ... 20 mA
Output load current	< 500 Ω
Forced controls (1-bit objects)	per channel 2
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE

Output signals according to DIN IEC 381

- with 4 yellow output status LEDs
- with green/red status LED (operation/fault)
- as extension for analogue actuator 4gang
- with 4 independant analogue outputs
- cyclic supervision of the outputs
- with screw terminals
- with system plug for connection to the analogue actuator system interface

Suitable for	Order no.	Page
Analogue actuator 4gang RMD	TYF684	138

Design	Order no.	PU
light grey	**TYF684A**	1

Actuators, flush/surface-mounted

Heating actuator 230 V flush-mounted

Operating voltage	21 ... 32 V=
Switching current for electronic outputs	max. 25 mA
Actuators per channel	max. 2
Operating temperature	-5 ... +45 °C
Load cable length	≈ 20 cm with 2 x 1,5 mm²
Cable length, bus + inputs (extendable to max. 5 m)	≈ 33 cm
Dimensions (Ø x H)	53 x 28 mm

Optimised for commissioning with ETS3 from version D, patch A.

- binary input functions: Switching, dimming, shutter control and value transmitter
- for individual single room temperature control
- for continuous (PI) or switched (2-point) control
- with programming button and red programming LED
- 1 electronic output (triac) for connection of 230V thermoelectric actuator drives
- with 3 independent binary inputs for potential-free contacts
- with emergency programme, e.g. for sensor or bus failure
- installation in flush-mounted or splash-protected junction box
- pre-assembled, with cables

Suitable for	Order no.	Page
Valve drive 230 V	7590 00 76	137

Design	Order no.	PU
light grey	**TYB641A**	1

Heating actuator 6 channels

Supply voltage	230V AC
Bus KNX	30V DC TBTS
Max. power uptake	50W
Bus power consumption	< 10mA
Standard fuse	T 2A
Max. number of actuators	13
Operating temperature	-5 to +40 °C
Dimensions (W x H x D)	302 x 75 x 70 mm
Frequency	50/60 Hz

- for valve drives 24 V, closed in de-energized state
- with on red heat request LED per channel
- with green operation LED and red programming LED
- with red fuse LED
- with integral transformer
- bus connection via connecting terminal
- with emergency programme, e.g. for sensor or bus failure
- short-circuit and overload proof (fine-wire fuse)
- with plug-in terminals
- for individual single room temperature control
- for continuous (PI) or switched (2-point) control

Suitable for	Order no.	Page
Valve drive 24 V AC/DC	7590 00 77	137

Design	Order no.	PU
grey, 6gang Triac	**TX206H**	1

KNX system units

The system components are KNX devices, which assume higher-level functions, independent of the application. They guarantee the necessary infrastructure in the building, ensuring a flawless information exchange between sensors and actuators. In addition, the system devices stand for the highest quality and functional safety in the system.

Berker by :hager

Power supplies

- With integral choke
- Short-circuit and overload protection
- The “OK” indicator lights up in normal working mode
- The “I>Imax” indicator lights up, eliminate the origin of the fault (short circuit or overload)
- Protected earth conductor must be connected
- Quick Connection Terminal

Power supply 320 mA RMD

Supply voltage	230V AC 50/60 Hz
Output voltage	30V DC
Output current max.	320 mA
Absorbed power	15 VA
Width	4 modules
Operating temperature	-5 ... +45°C
Connections	Quick Connection 0.75 to 2.5 mm²

Design	Order no.	PU
light grey	**TXA111**	1

Power supply 640 mA RMD

Supply voltage	230V AC 50/60 Hz
Output voltage	30V DC
Output current max.	640 mA
Absorbed power	24 VA
Width	4 modules
Operating temperature	-5 ... +45°C
Connections	Quick Connection 0.75 to 2.5 mm²

Design	Order no.	PU
light grey	**TXA112**	1

Power supply 160 mA RMD

Supply voltage	230V AC 50/60 Hz
Output voltage	30V DC
Output current max.	160 mA
Absorbed power	15 VA
Width	4 modules
Operating temperature	-5 ... +45°C
Connections	Quick Connection 0.75 to 2.5 mm²

Design	Order no.	PU
light grey	**TXA113**	1

Power supply 1x30V, 320 mA + 1x24V, 640 mA RMD

Supply voltage	230V AC 50/60 Hz
Output voltage	30V DC and 24 V DC
Output current max.	320 mA and 640 mA
Absorbed power	4.4 W
Width	4 modules
Operating temperature	-5 ... +45°C
Connections	Quick Connection 0.75 to 2.5 mm²

Design	Order no.	PU
light grey	**TXA114**	1

Power supply 2x30V, 320 mA RMD

Supply voltage	230V AC 50/60 Hz
Output voltage	30V DC
Output current max.	2 x 30 V DC 320 mA
Absorbed power	3.5 W
Width	4 modules
Operating temperature	-5 ... +45°C
Connections	Quick Connection 0.75 to 2.5 mm^2

- Power supply has 2 outputs KNX 30 V DC 320 mA

Design	Order no.	PU
light grey	**TXA116**	1

Couplers

Line coupler

Operating voltage	21 - 32 V DC
Width	2 modules
Operating temperature	-5 ... +45°C

- Can be used as line/area coupler or line amplifier.
- With programming button.
- With green operation LED, red programming LED and red diagnosis LED.
- With 2 yellow data traffic LEDs for higher and lower ranking line.
- Allows extension of a wire line and repeats the messages.
- Ensures a galvanic insulation between lines.
- Necessary in case of systems with more than 64 wire products.
- Line connection via connecting terminal

Design	Order no.	PU
light grey	**TYF130**	1

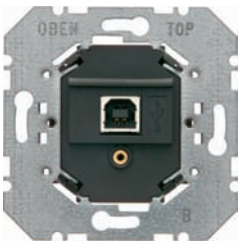
Router IP/KNX

Supply voltage	KNX bus (21 -30V DC)
External SELV power	24V AC/DC (12-30V AC/DC)
Supply:	1.6 GHz
- power usage from the bus line	10mA max 30V DC
- power usage from the auxiliary power supply	800mW max (25mA - 24V DC)
Operating temperature	-5°C to 45°C
Width	2 modules

- Quick communication of lines/areas and systems via data networks (Internet protocols).
- Needed for operation a power supply of 24 V DC.
- As interface to PCs and data processing devices.
- For reporting bus voltage failure via data networks.
- Internet protocols supported: ARP, ICMP, IGMP, UDP/IP, and DHCP.
- IP according to Konnex specifications: Core, Routing, Tunneling, Device Management.
- Can be used as line/area coupler.
- With RJ45 connection for Ethernet/IP networks.
- With programming button and red programming LED.
- With green operation LED and yellow data traffic LED.
- With green, yellow and red LEDs for indicating the IP communication.
- Line connection via connecting terminal.
- Operating voltage connection via connecting terminal.

Design	Order no.	PU
Router IP/KNX	**TH210**	1

Data interfaces



KNX data interface USB flush-mounted

Operating voltage over bus	21 ... 32 V=
Data transmission rate	max. 9.6 kBd
Operating temperature	-5 ... +45 °C
USB cable length	max. 5 m

For connection of a PC for addressing, programming and diagnosis of KNX components and for visualisation.

- programmable from ETS3, V1.0
- for addressing, programming and diagnosis of KNX components
- with B-type USB socket for data traffic (voltage supply via PC)
- compatible with USB 1.1/2.0 transmission protocols
- system requirements: Windows 2000 or later
- without spreader claws
- with flash-controller technology

Design	Order no.	PU
black	**7504 00 04**	1

Centre plate with TAE cut-out

	Suitable for KNX data interface USB flush-mounted	Order no. 7504 00 04	Page 144

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**1033 89 12**	10
polar white glossy	**1033 89 19**	10
polar white matt, with 2 knock out openings	**1033 19 09**	10
anthracite matt, with 2 knock out openings	**1033 16 06**	10
aluminium matt, lacquered, with 2 knock out openings	**1033 14 04**	10

Berker Q.1/Q.3		
polar white velvety	**1033 60 89**	10
anthracite velvety, lacquered	**1033 60 86**	10

Berker K.1/K.5		
polar white glossy	**1035 70 09**	10
anthracite matt, lacquered	**1035 70 06**	10
Aluminium, aluminium anodised	**1035 70 03**	10
Stainless steel, metal matt finish	**1035 70 04**	10

Berker Arsys		
white glossy	**1035 01 02**	10
polar white glossy	**1035 01 69**	10
brown glossy	**1035 01 01**	10
light bronze matt, aluminium lacquered	**1034 00 01**	10
Stainless steel, metal matt finish	**1034 00 04**	10
gold matt, aluminium anodised	**1034 00 02**	10

Berker R.1/R.3		
polar white glossy	**1038 20 89**	10
black glossy	**1038 20 45**	10

Accessories

Data rail with connector

Operating temperature	-5 ... +45 °C	– with 4 plug-in terminals 4pole
length	214 mm	– self-adhesive
For DIN rail with depth	7.5 mm	
Width of rail mounted device (RMD)	12 TE	

For DIN rail 35 x 7.5 mm to according to DIN EN 60715

Design	Order no.	PU
Data rail with connector	**7500 00 08**	1

Cover for data rail

Operating temperature	-5 ... +45 °C	– to protect against dirt contamination and interference voltage
length	240 mm	
divisible into	0.5 TE-steps	
Width of rail mounted device (RMD)	13.5 TE	

Design	Order no.	PU
light grey	**7500 00 04**	5

Connecting terminal

Operating temperature	-5 ... +45 °C	– 2pole
Conductor Ø	0.6 ... 0.8 mm	– for the bus connection of the units
Number of conductors	2 x 4	– polarization red + black -
Dimensions (L x W x H)	10.2 x 11.5 x 10 mm	– can be used as branch terminal
		– with plug-in terminals

Design	Order no.	PU
red/black	**TG008**	50

KNX bus cable

Bus cable (ST) Y 2 x 2 x 0.8mm
(4KV test voltage)

Design	Order no.	PU
length 100 m	**TG018**	1
length 500 m	**TG019**	1
length 100 m without halogen	**TG060**	1
length 500 m without halogen	**TG061**	1

Quickconnect jumpers for KNX

Quick Connect jumpers for the tebis KNX system
for looping

Design	Order no.	PU
black	**TG200A**	50
grey	**TG200B**	50
brown	**TG200C**	50

KNX surge protection device

Nominal voltage	24 V
Nominal current (max.)	3 A
Nominal discharge current	5 kA
Limiting discharge	8 kA
Protection level at 100 V / S	≤ 350 V
Protection level at 1 kV / S	≤ 500 V
Response time	≤ 100 ms
Insulation resistance	> 10,000 MΩ
Capacity	1 pF
Operating temperature	-25 to +80°C
Bus connection	line Ø 0.8 mm, length 200 m
Ground connection	conductor 0.75 mm2, length 200 m

- The application is recommended if:
  - The bus line is laid parallel to high-performance power lines,
  - The bus line is routed in parallel to metal installation parts that can flow through the lightning currents,
  - The bus line is used building border.

Design	Order no.	PU
blue	**TG029**	1

Modular USB interface

Operating voltage	21 - 32 V DC
Data transfer rate	max. 9.6 kBaud
Operating temperature	-25 to +45°C
Width	2 modules

- For addressing, programming and diagnosis of KNX components.
- With B-type USB socket for data traffic (voltage supply via PC)
- Compatible with USB 1.1/2.0 transmission protocols.
- With flash-controller technology

Design	Order no.	PU
light grey	**TH101**	1

Kit interface USB/KNX

Operating voltage	21 - 32 V DC
Data transfer rate	max. 9.6 kBaud
Operating temperature	-25 to +45°C
USB cable length	max. 3 m
Width	2 modules

- For addressing, programming and diagnosis of KNX components.
- With B-type USB socket for data traffic (voltage supply via PC)
- Compatible with USB 1.1/2.0 transmission protocols.
- With flash-controller technology
- For connection of a PC for addressing, programming and diagnosis of instabus components to Modular USB interface

Design	Order no.	PU
light grey	**TH102**	1

USB cable

Cable length	max. 3 m

- For connection of a PC for addressing, programming and diagnosis of instabus components to Modular USB interface

Design	Order no.	PU
light grey	**TH103**	1

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