JUNG

British range

EN

MADE IN GERMANY SINCE 1912

Progress as tradition

JUNG stands for pure design and future-oriented solutions worldwide. Innovation, passion and precision have been guiding our product developments for more than 100 years. Light, shading, room climate, energy, security, door communication and multimedia – our systems provide the appropriate solution for every requirement.

With 1,400 employees we are present on 5 continents in around 70 countries with 20 subsidiaries and independent sales and partner organisations. Whether private, commercial or hotel construction: Architects and planners worldwide place their trust in the innovative solutions from JUNG. Our building technology can be found in the Reichstag in Berlin as well as in the Hermitage in St. Petersburg or the Shangri-La Hotel in Singapore.

We consciously combine this internationality with close ties to the headquarters of our family business in Schalksmühle. We develop and manufacture components for classic electrical installations as well as intelligent systems for building technology. Flow production, small series or manufacture: Our modern production methods meet the highest requirements.

WE ARE JUNG:

1912 Medium-sized third generation family company	**"Made in Germany"** for more than 100 years
Around 1,400 employees	20 subsidiaries and over 70 agencies worldwide

Global and versatile

JUNG offers a wide range of solutions for the British market. The design aspirations and the ambition to implement advanced solutions for the classic electrical installation all the way to automated building technology expertly come together at JUNG. Our switch designs and applications can be tailored to the individual needs of the user. Around the world, owners, planners and architects trust the quality from JUNG.

A 550 in matt graphite black

© CATHRINE STUKHARD

A 550 in matt snow white

A 550

This JUNG switch range impresses with its striking and minimalist design. Made of unbreakable thermoplastic, the A 550 has a clear design language.
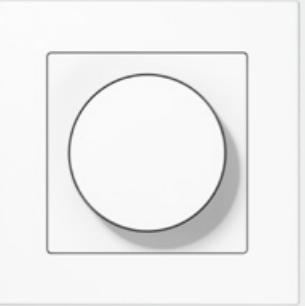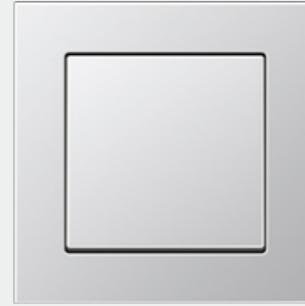
Sockets in A 550

SOCKET 13 A

in white

SOCKET 5 A

in aluminium look

SOCKET 13 A, SWITCHABLE

in matt anthracite

**SOCKET 13 A, SWITCHABLE
WITH INDICATOR LAMP**

in black

A balanced combination with optimal proportions for the ratio of insert and frame: concentrated on the essentials, the technology for the British connection now also impresses in the A 550 switch range.

A 550 in black

Versatile technology in A 550

ROTARY DIMMER

in white

SWITCHES / PUSH-BUTTONS

in aluminium look

UNIVERSAL TIMER BLUETOOTH

in matt anthracite

STANDARD CENTRE PLATE 2-GANG

in black

JUNG technology for the British electrical standard in the A 550 switch range covers all important areas of modern installations – from simple switches via dimmers to timers with app integration. With the Clever Config app, one can set and operate the Bluetooth-compatible devices using a smartphone: for convenient control of functions, display of values and statuses, setting of timer controls and parameters such as shut-off delay or brightness. All A 550 covers are made from breakproof thermoplastic and have a clear design language.

A 550 in matt anthracite

A FLOW

A harmonious shape and
breakproof thermoplastic:
with its design, the switch
range blends confidently
into different interior styles.

A FLOW in black

Sockets in A FLOW

SOCKET 13 A

in white

SOCKET 5 A

in black

SOCKET 13 A, SWITCHABLE

in aluminium look

SOCKET 13 A, SWITCHABLE WITH INDICATOR LAMP
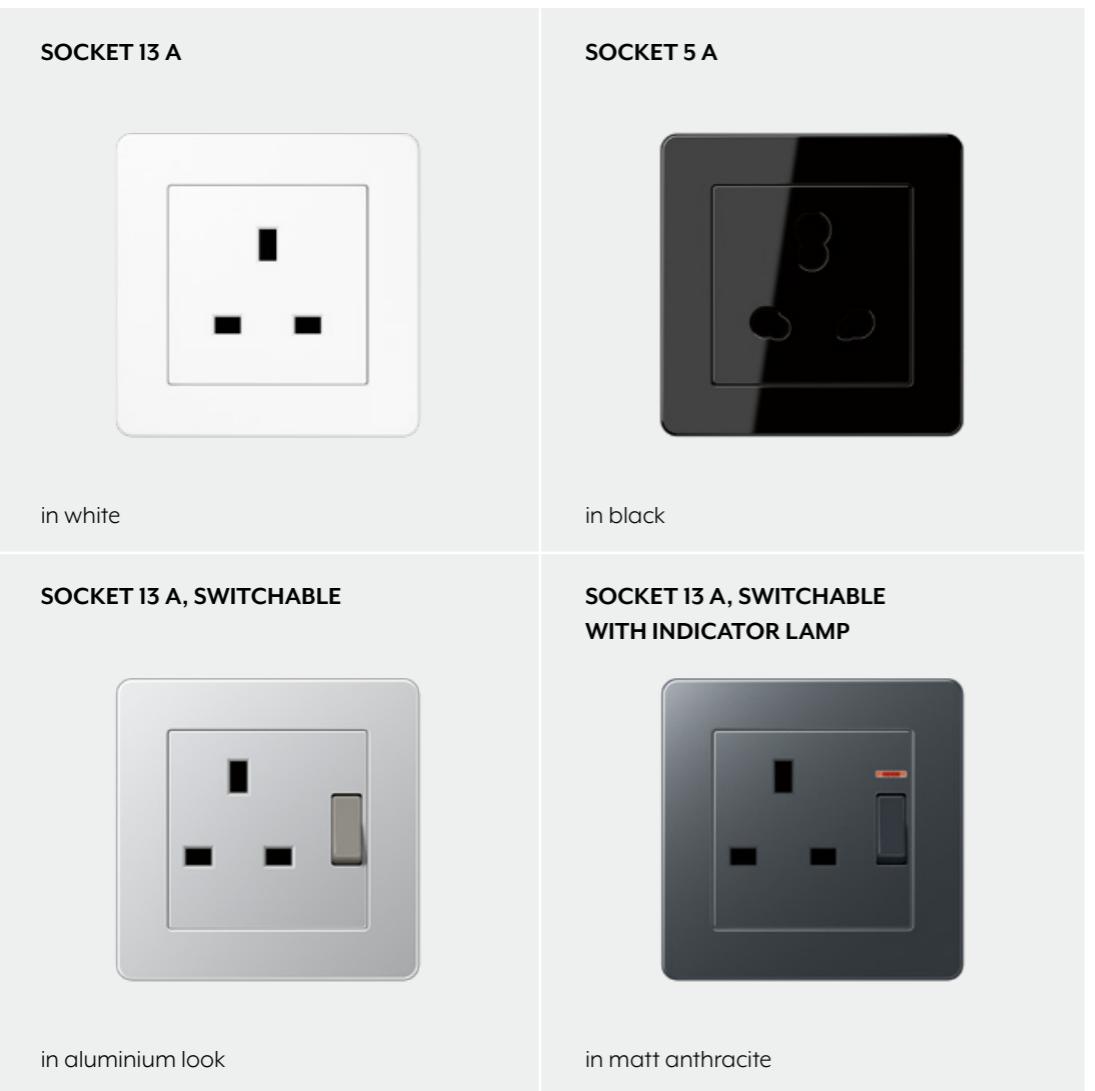
in matt anthracite

Young, modern and adaptable: A FLOW remains stylish even if tastes change. With this switch range, electrical installations get a light and modern design.

A FLOW in white

A FLOW in matt anthracite

Versatile technology in A FLOW

2-GANG PUSH-BUTTON
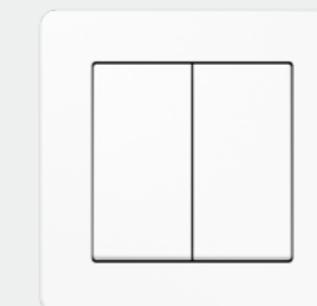
in white

CENTRE PLATE

in black

ROTARY DIMMER

in aluminium look

UNIVERSAL TIMER BLUETOOTH

in matt anthracite

With the JUNG A FLOW range, the electrical installation has a harmonious effect – from conventional to interlinked building technology. Control lighting, set the desired temperature and operate blinds: the JUNG components make it all very easy. Like the timer, they have a flat design and a shallow installation depth, which makes those products very installation-friendly. The Universal timer Bluetooth is a cover for all system inserts for light and shading control. You control it either manually with the two rockers or with a smartphone using the Clever Config app.

LS Design

This switch range is based on a clear form and high flexibility. Numerous combinations are possible thanks to a wide range of colours and materials.

LS Design
in classic brass

Sockets in LS Design

SOCKET 13 A

in stainless steel

G + I SOCKET

in anthracite (varnished aluminium)
with insert in black

SOCKET 13 A, SWITCHABLE
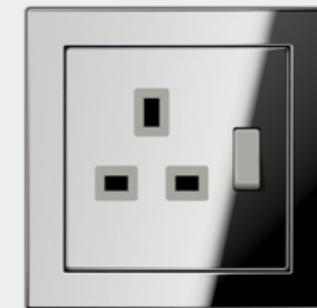
in chrome
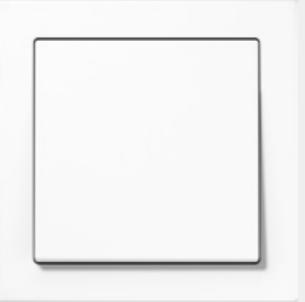
**SOCKET 13 A, SWITCHABLE
WITH INDICATOR LAMP**

In dark (varnished aluminium)

LS Design is based on a clear form and high flexibility. The switch range is also available for British Standard and alongside frames and inserts in plastic also offers versions in metal. The special shadow gap creates a spatial depth and the sockets appear to float.

LS Design in aluminium

Versatile technology in LS Design

PUSH-BUTTON

in white

STANDARD CENTRE PLATE 2-GANG

in black

ROTARY DIMMER

in antique brass

UNIVERSAL TIMER BLUETOOTH

in classic brass

Timers, rotary dimmers or classical switches: LS Design covers all areas of a modern electrical installation according to the British range.

The possibilities are numerous. Even conventional switches in LS Design impress with their simple operation and high-quality appearance.

LS Design in white

British Standard Support
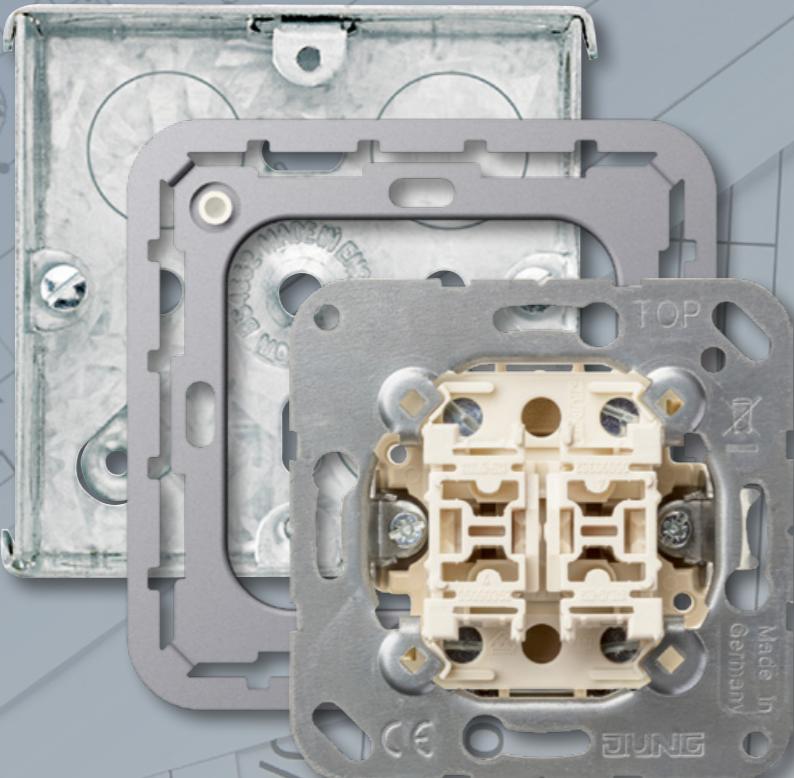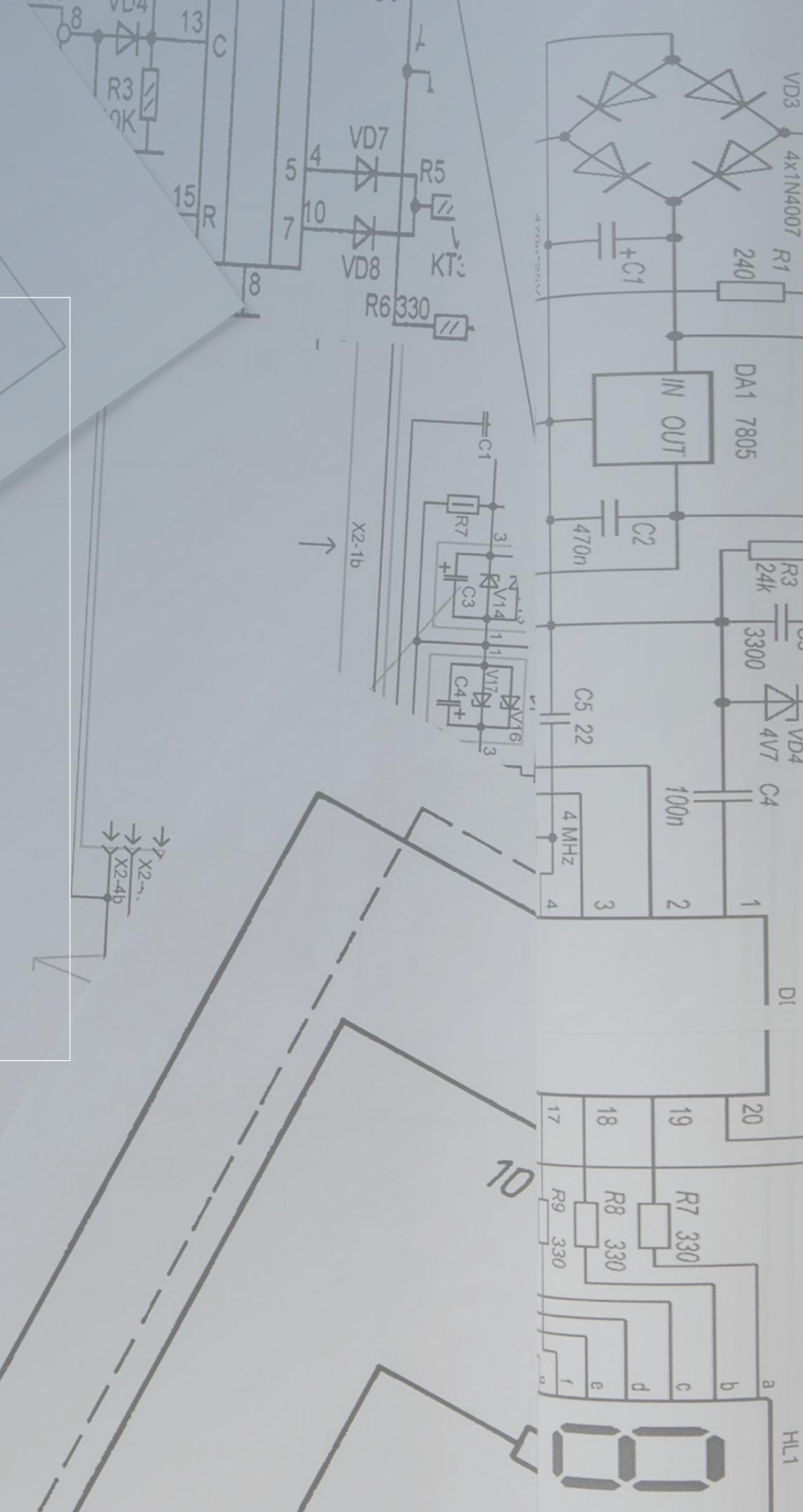
Technology, that supports

JUNG offers numerous components for building technology that fit into the widely used flush-mounted boxes. This is made possible by the adapter frame: it is the connection between box and insert – with this, existing boxes can simply continue to be used.

Combining JUNG products with the adapter frame

INSTALLATION WITH SUPPORT RING 71 x 71 MILLIMETRE AND ADAPTER FRAME

A FLOW

LS Design

A 550

LS range

A range

A range

1 Wall box as traditional BS4662
2 Adapter frame
3 Flush-mounting insert
4 Design frame
5 Cover
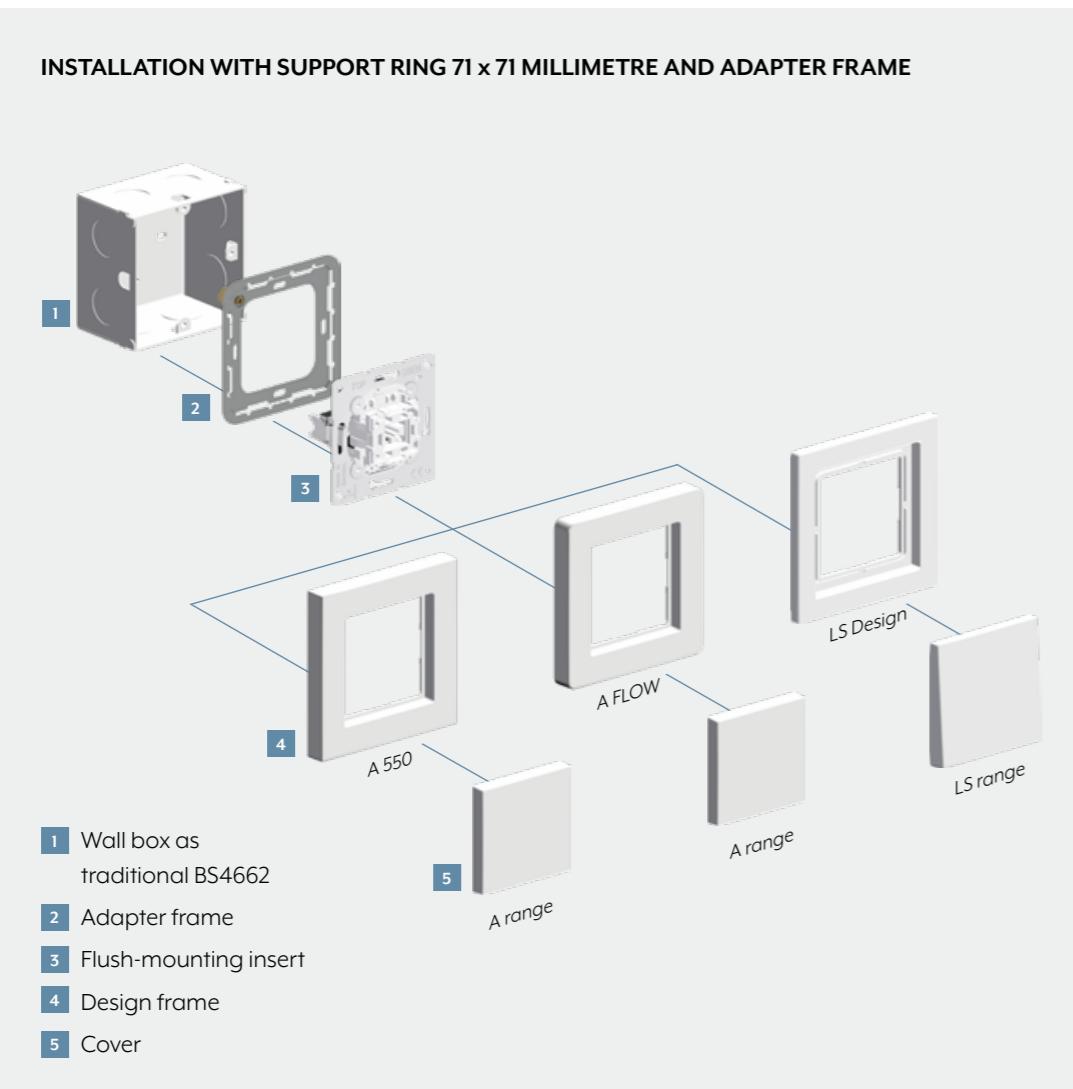
Ideal for renovations: JUNG technology with adapter frame. With this method, installers can install versatile building technology, without extensive restoration work or a reconfiguration of the electrical installation under the plaster.

WALL BOX 1-GANG AND ADAPTER FRAME

British 1-gang wall box

+

Adapter frame
ref. no. BS 1980 APM

INSERTS WITH SUPPORT RING 71 x 71 MM

Double rocker switch
ref. no.: 509 U

USB charger
ref. no.: USB 15 CA WW

Blind insert
ref. no.: 1730 JE
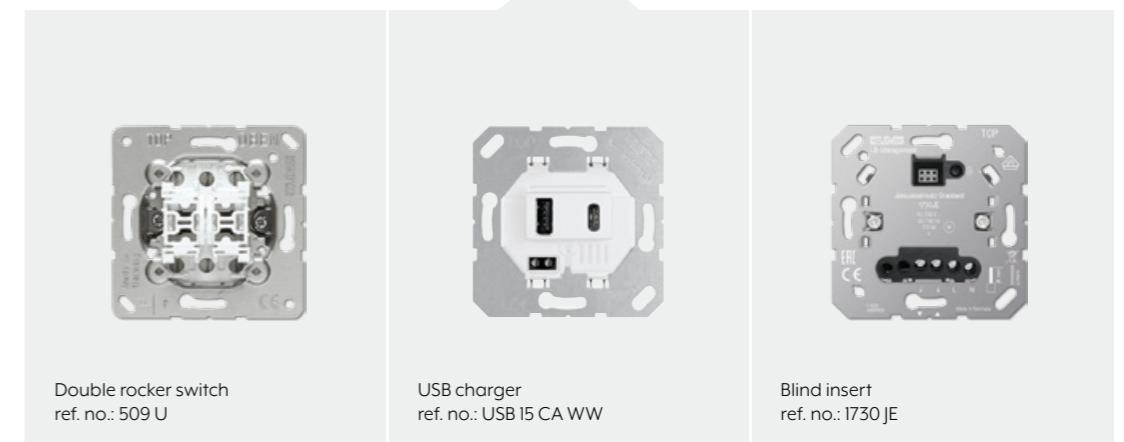
With the adapter frame, installers can install different components such as the JUNG USB socket or a Universal timer Bluetooth without any great effort. The adapter frame compensates for the different dimensions between wall box and insert. In this way, the existing flush-mounted installation can continue to be used and more versatile JUNG technology fits into the existing British wall box.

British 1-gang socket

BRITISH RANGE: INSTALLATION WITH SUPPORT RING 80 x 80 MILLIMETRE

LS Design

A FLOW

A 550

LS range

A range

A range

1   Wall box as traditional BS4662
2   Flush-mounting insert with support ring 80 x 80 mm
3   Design frame
4   Cover
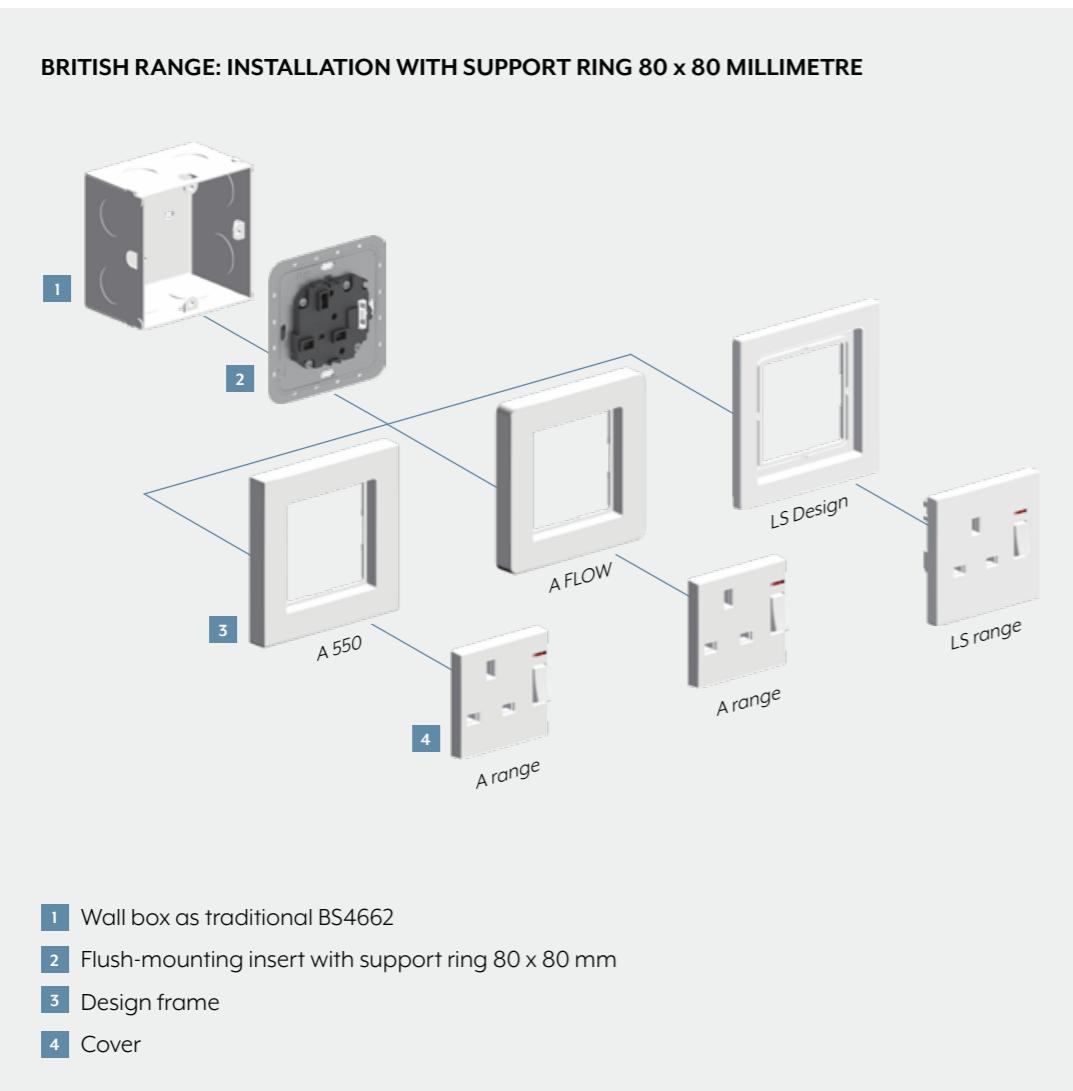
Sockets are the basis of every electrical installation. For a smooth and fast installation, JUNG supplies British sockets from the factory with the appropriate support ring. The A 550, A FLOW and LS Design frames lend the installations a high-quality appearance.

WALL BOX 1-GANG

British 1-gang wall box

INSERTS WITH SUPPORT RING 80 x 80 MM

Socket insert, 13 A
ref. no.: BS2521EINS

Switched socket insert, 13 A
ref. no.: BS2171EINS

Switched socket insert, 13 A
ref. no.: BS2171KOEINS

Socket insert, 5 A
ref. no.: BS2171-5EINS

Switched socket insert, type G + I
ref. no.: GI2171WEINS

Fused connection unit
ref. no.: BS 2190 CU KO EINS

The well-thought-out modular system makes it possible to install a socket and covers into a British wall box without complication. The large support ring in the dimensions 80 x 80 millimetre provides the basis for every electrical installation in the British connection system.

British 2-gang socket

BRITISH RANGE: INSTALLATION WITH SUPPORT RING 80 x 140 MILLIMETRE

LS Design

A FLOW

A 550

A range

LS range

A range

1   Wall box as traditional BS4662
2   Flush-mounting insert with support ring 80 x 140 mm
3   Design frame
4   Cover
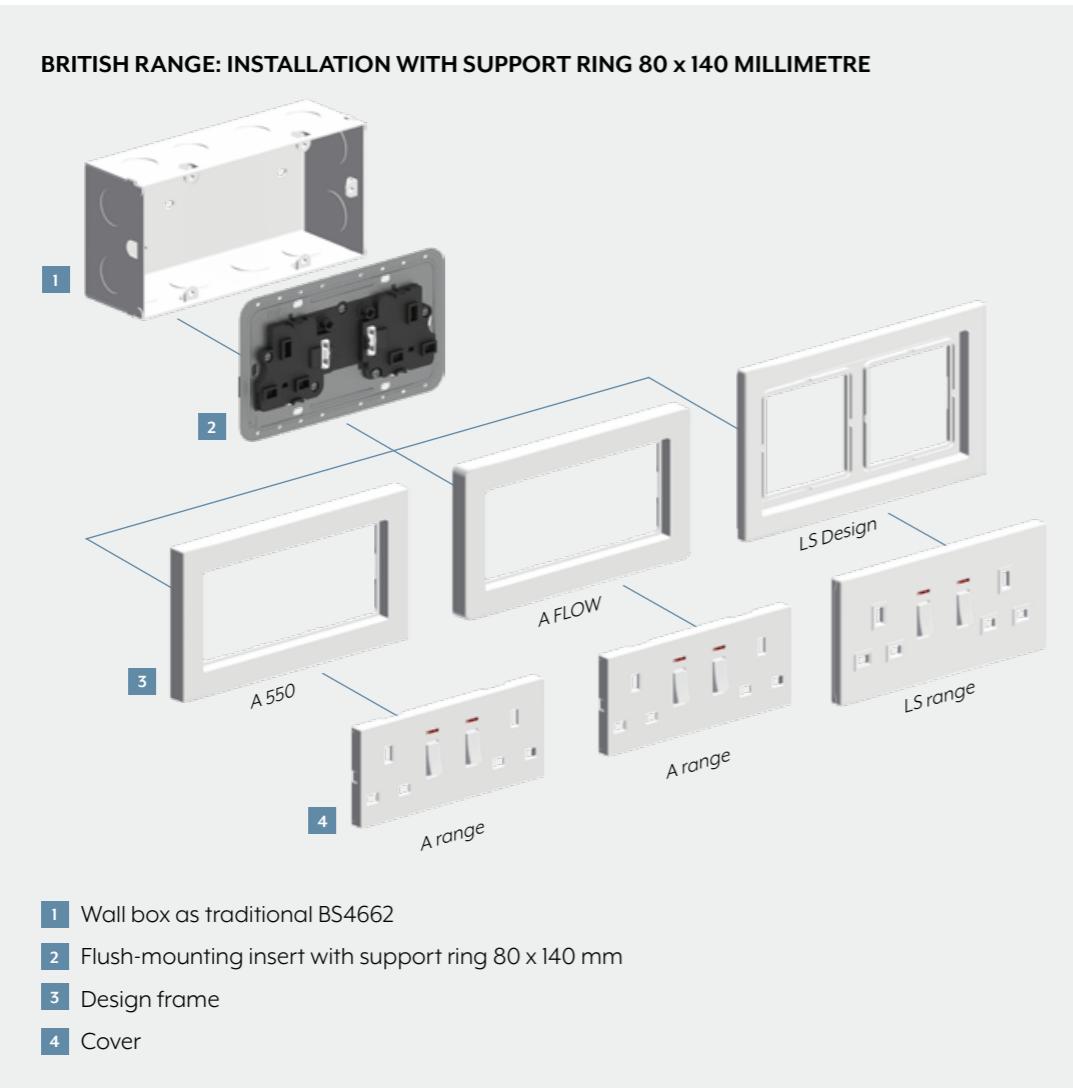
For the installation of a two-gang wall box in the British system, JUNG offers various 2-gang sockets with a large support ring. In combination with the design frames from the JUNG A 550, A FLOW and LS Design, the electrical installation is given a high-quality appearance.

WALL BOX 2-GANG

British 2-gang wall box

INSERTS WITH SUPPORT RING 80 x 140 MM

Switched socket insert, 13 A
ref. no.: BS2172KOEINS

Switched socket insert, 13 A
ref. no.: BS2172EINS

Socket insert, 13 A
ref. no.: BS2522EINS
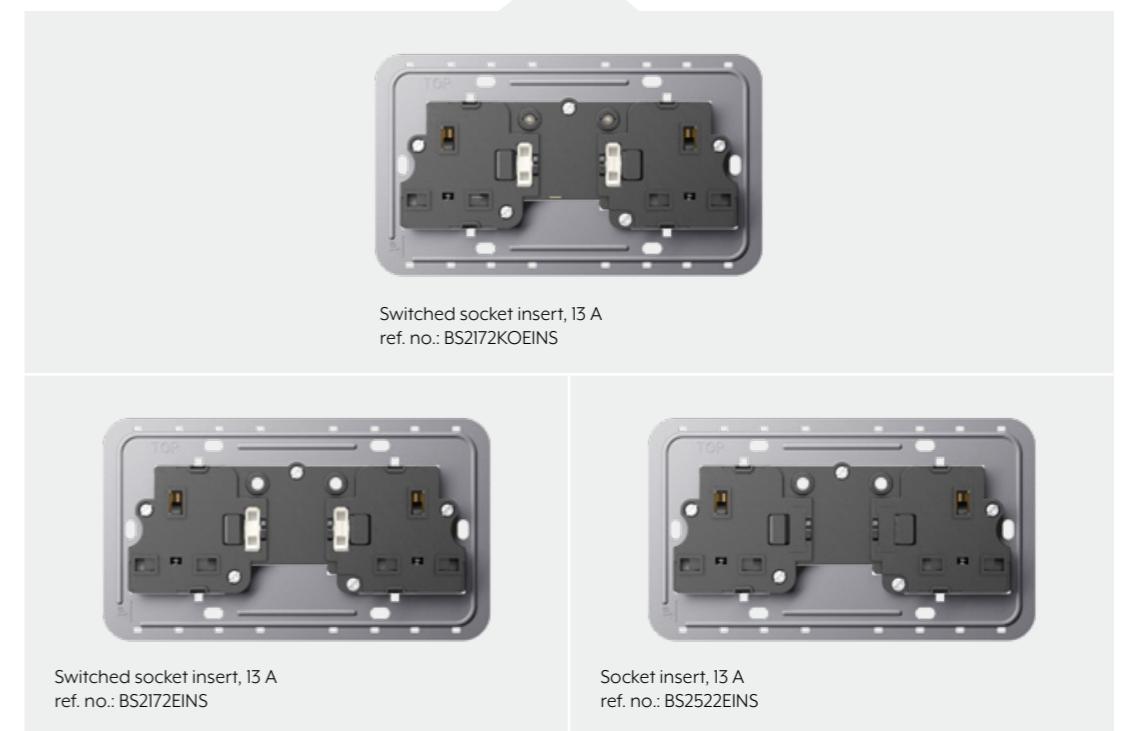
Modern design for a double electrical installation: JUNG makes a special appearance possible in interior design with the A 550, A FLOW or LS Design. In this way, the socket inserts with the large support ring disappear behind high-quality covers in the JUNG design. The holes in the support ring provide a reliable guide for the design frame on the socket insert.

Discover the variety

JUNG.DE/AR-STUDIO

The digital sample case for travelling: Whenever and wherever you like, JUNG products and solutions can be placed virtually in the room with AR Studio. Using the QR code, the app is installed quickly and simply. After the installation, simply print out the experience marker and attach it to the location where the switch will be installed later. AR Studio then displays the selected JUNG product in the live image of your smartphone.

Catalogue

For a complete overview of the JUNG products and solutions please use the information from the online catalogue at jung.de/en/online-catalogue. On the following pages you will find an excerpt of JUNG products and solutions, which are suitable for British wall boxes.

Switch inserts
Push-button inserts

Installation note: Use adapter frame (ref.-no.: BS 1980 APM) for installation of JUNG inserts into BS wall boxes.
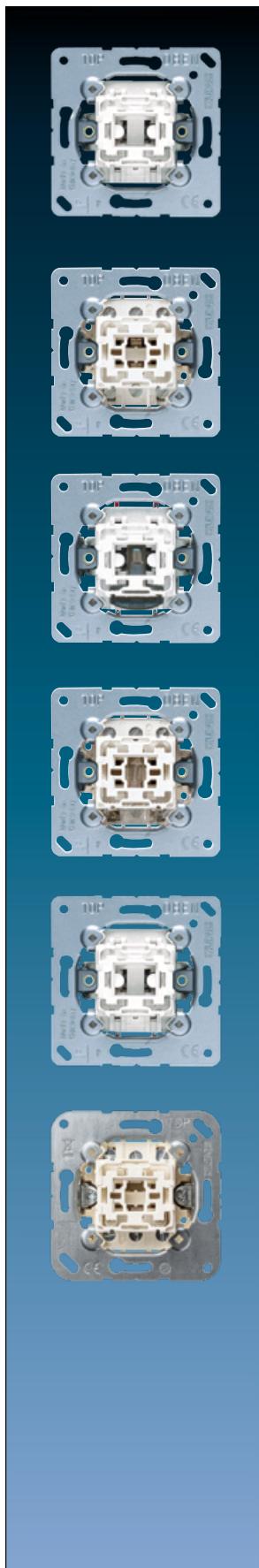
	Ref.-no.
1-gang switch 10 AX / 250 V ~ (insert)	
screwless terminals for wires up to 2.5 mm^2	
1-pole, 1-way	**501 EU**
1-pole, 2-way	**506 EU**
intermediate	**507 EU**

Switch can be illuminated in OFF-position with lamp ref.-no. 90/95 (230 V), 96-.. (low voltage), or LED lamp ref.-no. 90-LED.. (230 V) or 961248 LED.. (low voltage).

1-gang switch 16 AX / 400 V ~ (insert)	
screw terminals for wires up to 4 mm^2	
3-pole, 1-way	**503 EU**

Switch can be illuminated in OFF-position with lamp ref.-no. 98 or 98-220 (230 V).

1-gang switch 10 AX / 250 V ~ (insert)	
with indicator light	
screwless terminals for wires up to 2.5 mm^2	
neutral conductor required	
with glow lamp ref.-no. 90	
2-pole, 1-way	**502 KOEU**
1-pole, 2-way	**506 KOEU**

| **1-gang switch 16 AX / 400 V ~ (insert)**	
with indicator light	
screw terminals for wires up to 4 mm^2	
with glow lamp ref.-no. 98	
screw fixing only, without claws	
3-pole, 1-way	**503 KO EU**

1-gang push-button 10 A / 250 V ~ (insert)	
screwless terminals for wires up to 2.5 mm^2	
Can be converted into pull cord push-button by means of pull cord insert ref.-no. 34 or 34 KO5.	
1-pole, 1-way (NO contact)	**531 EU**
1-pole, 2-way with terminal for N conductor	**533 EU**

Illumination possible with lamp ref.-no. 90/95 (230 V), 96-.. (low voltage), or LED lamp ref.-no. 90-LED.. (230 V) or 961248 LED.. (low voltage).

1-gang push-button 10 A / 250 V ~ (insert)	
screw terminals for wires up to 2.5 mm^2	
screw fixing only, without claws	
Can be converted into pull cord push-button by means of pull cord insert ref.-no. 34 or 34 KO5.	
2-pole, 2-way	**533-2 EU**

		Ref.-no.
1-gang rocker		
A range		
Duroplastic lacquered		
aluminium	IP P L	**A 590 AL**
Thermoplastic (breakproof) high-gloss		
white	IP L	**A 590 BF WW**
black	IP L	**A 590 BF SW**
matt lacquered		
matt snow white	IP	**A 590 WWM**
matt graphite black	IP	**A 590 SWM**
matt anthracite	IP	**A 590 BF ANM**
LS range		
Duroplastic (scratch-proof) glossy		
white	IP P	**LS 990 WW**
black	IP	**LS 990 SW**
matt lacquered		
matt snow white	IP	**LS 990 WWM**
matt graphite black	IP	**LS 990 SWM**
metal versions		
aluminium	IP P L	**AL 2990**
stainless steel	IP L	**ES 2990**
anthracite (aluminium lacquered)	IP	**AL 2990 AN**
dark (aluminium lacquered)	IP	**AL 2990 D**
classic brass	P	**ME 2990 C**
antique brass		**ME 2990 AT**
1-gang rocker with lens		
A range		
Duroplastic lacquered		
aluminium	IP P L	**A 590 KO5 AL**
Thermoplastic (breakproof) high-gloss		
white	IP L	**A 590 BF KO5 WW**
black	IP L	**A 590 BF KO5 SW**
matt lacquered		
matt snow white	IP	**A 590 KO5 WWM**
matt graphite black	IP	**A 590 KO5 SWM**
matt anthracite	IP	**A 590 BF KO5 ANM**
LS range		
Duroplastic (scratch-proof) glossy		
white	IP P	**LS 990 KO5 WW**
black	IP	**LS 990 KO5 SW**
matt lacquered		
matt snow white	IP	**LS 990 KO5 WWM**
matt graphite black	IP	**LS 990 KO5 SWM**
metal versions		
aluminium	IP P L	**AL 2990 KO5**
stainless steel	IP L	**ES 2990 KO5**
anthracite (aluminium lacquered)	IP	**AL 2990 KO5 AN**
dark (aluminium lacquered)	IP	**AL 2990 KO5 D**
classic brass	P	**ME 2990 KO5 C**
antique brass		**ME 2990 KO5 AT**
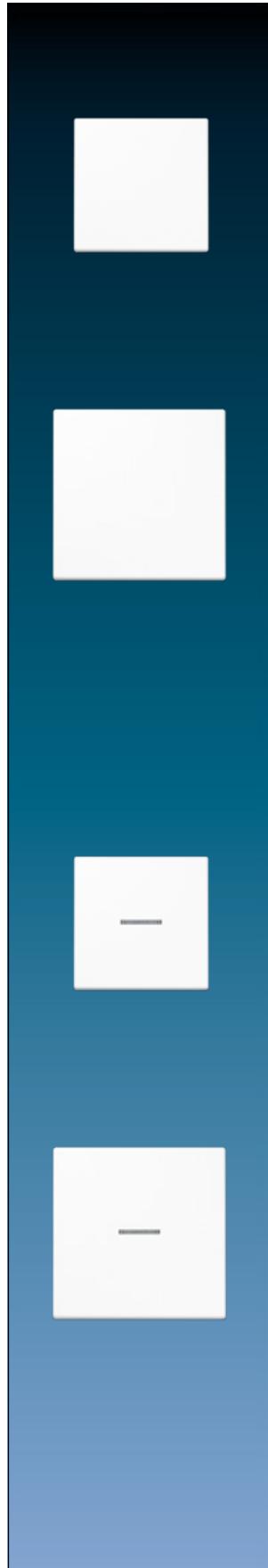
Oversize rocker

Installation note: No plaster compensation possible.
Insert must be mounted flush with the wall.
Supporting frame must be on top of wallpaper.

	Ref.-no.

Oversize rocker (70 x 212.4 mm)
for switch ref.-no.: 501 EU, 503 EU, 506 EU, 507 EU
for push-button ref.-no.: 531 U, 533 U, 533-2 U

stainless steel	IP	L	**ES 2993**

Protection level IP 44 only possible with 3-gang frame!
Inscription on request
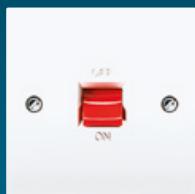
1-gang switch British Standard
2-pole, 45 A 250 V ~
screw terminals for wires up to 6 mm^2
for rectangular British Standard wall boxes
no frame required

white	**BS 702-45 U WW**

The inserts enable the flush installation into rectangular British Standard wall boxes.
Combinations with other devices into multiple frames are NOT possible.

Adapter frame
The frame enables the installtion of various JUNG inserts into BS wall boxes.

	BS 1980 APM

	Ref.-no.
2-gang switch 10 AX / 250 V ~ (insert)	
screwless terminals for wires up to 2.5 mm^2	
2 x 1-pole, 1-way	**505 EU**
2-gang switch 10 AX / 250 V ~ (insert)	
screw terminals for wires up to 2.5 mm^2	
2 x 1-pole, 2-way	**509 EU**
2-gang push-button 10 A / 250 V ~ (insert)	
screwless terminals for wires up to 2.5 mm^2	
2 x 1-pole, 1-way (NO contact)	**535 EU**
2-gang push-button 10 A / 250 V ~ (insert)	
screw terminals for wires up to 2.5 mm^2	
2 x 1-pole, 2-way	**539 EU**
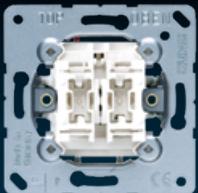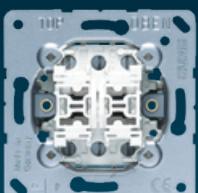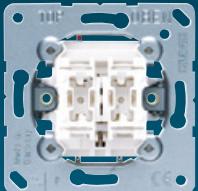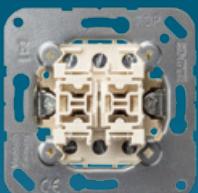
A 550, A FLOW
LS DESIGN
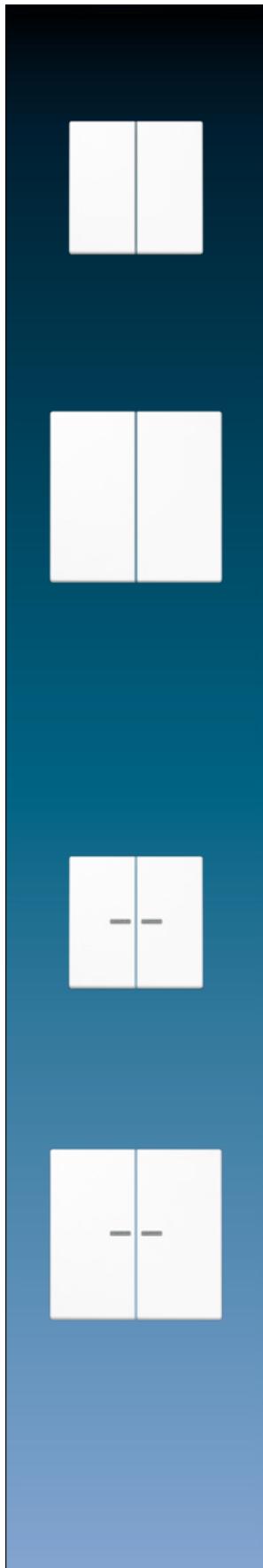
		Ref.-no.
2-gang rocker		
A range		
Duroplastic lacquered		
aluminium	IP P L	**A 595 AL**
Thermoplastic (breakproof) high-gloss		
white	IP L	**A 595 BF WW**
black	IP L	**A 595 BF SW**
matt lacquered		
matt snow white	IP	**A 595 WWM**
matt graphite black	IP	**A 595 SWM**
matt anthracite	IP	**A 595 BF ANM**
LS range		
Duroplastic (scratch-proof) glossy		
white	IP P	**LS 995 WW**
black	IP	**LS 995 SW**
matt lacquered		
matt snow white	IP	**LS 995 WWM**
matt graphite black	IP	**LS 995 SWM**
metal versions		
aluminium	IP P L	**AL 2995**
stainless steel	IP L	**ES 2995**
anthracite (aluminium lacquered)	IP	**AL 2995 AN**
dark (aluminium lacquered)	IP	**AL 2995 D**
classic brass	P	**ME 2995 C**
antique brass		**ME 2995 AT**
2-gang rocker with lens		
A range		
Duroplastic lacquered		
aluminium	IP P L	**A 595 KO5 AL**
Thermoplastic (breakproof) high-gloss		
white	IP L	**A 595 BF KO5 WW**
black	IP L	**A 595 BF KO5 SW**
matt lacquered		
matt snow white	IP	**A 595 KO5 WWM**
matt graphite black	IP	**A 595 KO5 SWM**
matt anthracite	IP	**A 595 BF KO5 ANM**
LS range		
Duroplastic (scratch-proof) glossy		
white	IP P	**LS 995 KO5 WW**
black	IP	**LS 995 KO5 SW**
matt lacquered		
matt snow white	IP	**LS 995 KO5 WWM**
matt graphite black	IP	**LS 995 KO5 SWM**
metal versions		
aluminium	IP P L	**AL 2995 KO5**
stainless steel	IP L	**ES 2995 KO5**
anthracite (aluminium lacquered)	IP	**AL 2995 KO5 AN**
dark (aluminium lacquered)	IP	**AL 2995 KO5 D**
classic brass	P	**ME 2995 KO5 C**
antique brass		**ME 2995 KO5 AT**

2-gang blind switch

Installation note: Use adapter frame (ref.-no.: BS 1980 APM)
for installation of JUNG inserts into BS wall boxes.

		Ref.-no.
2-gang blind switch 10 AX / 250 V ~ (insert)		
screwless terminals for wires up to 2.5 mm²		
mechanical interlocking to avoid switching of both rockers at the same time		
1-pole (1 motor)		**509 VEU**

2-gang rocker with arrow symbols
A range

Duroplastic lacquered		
aluminium	IP	**A 595 P AL**
Thermoplastic (breakproof) high-gloss		
white	IP	**A 595 BF P WW**
black	IP	**A 595 BF P SW**
matt lacquered		
matt snow white	IP	**A 595 P WWM**
matt graphite black	IP	**A 595 P SWM**
matt anthracite	IP	**A 595 BF P ANM**

LS range

Duroplastic (scratch-proof) glossy		
white	IP	**LS 995 P WW**
black	IP	**LS 995 P SW**
matt lacquered		
matt snow white	IP	**LS 995 P WWM**
matt graphite black	IP	**LS 995 P SWM**
metal versions		
aluminium	IP	**AL 2995 P**
stainless steel	IP	**ES 2995 P**
anthracite (aluminium lacquered)	IP	**AL 2995 P AN**
dark (aluminium lacquered)	IP	**AL 2995 P D**
classic brass		**ME 2995 P C**
antique brass		**ME 2995 P AT**

3-gang switch

**Installation note: Use adapter frame (ref.-no.: BS 1980 APM)
for installation of JUNG inserts into BS wall boxes.**
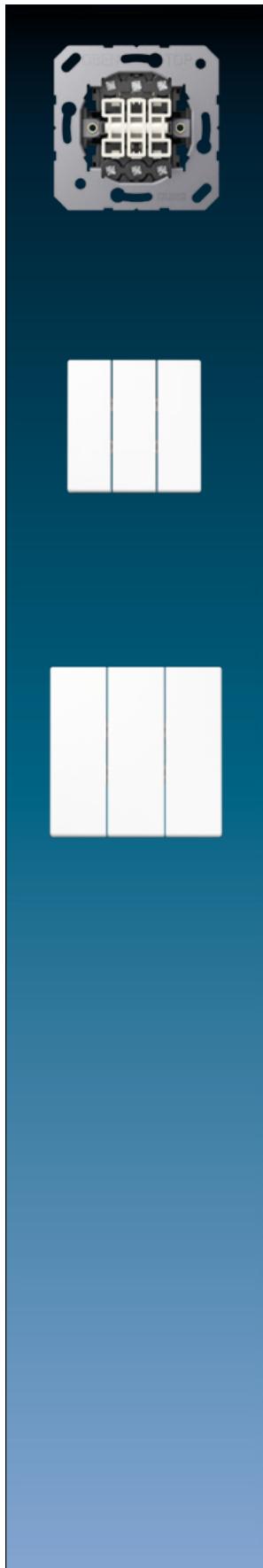
	Ref.-no.
3-gang switch 10 AX / 250 V ~ (insert)	
screw terminals	
screw fixing only, without claws	
When mounting/removing the 3-gang rocker, the middle part has to be clipped on last or removed first.	
1-pole, 2-way	**5306 EU**
installation tino flush box min. 63 mm (depth)	

3-gang rocker
A range
Thermoplastic (breakproof) high-gloss

white	L	**A 593 BF WW**
black	L	**A 593 BF SW**
Thermoplastic (breakproof) lacquered		
aluminium	P L	**A 593 BF AL**
matt lacquered		
matt snow white		**A 593 BF WWM**
matt graphite black		**A 593 BF SWM**
matt anthracite		**A 593 BF ANM**

LS range
Thermoplastic (breakproof) high-gloss

white	L	**LS 993 BF WW**
black	L	**LS 993 BF SW**
matt lacquered		
matt snow white		**LS 993 BF WWM**
matt graphite black		**LS 993 BF SWM**
metal versions		
aluminium	P L	**AL 993**
anthracite (aluminium lacquered)		**AL 993 AN**
dark (aluminium lacquered)		**AL 993 D**
classic brass	P	**ME 993 C**
antique brass		**ME 993 AT**

**Installation note: Use adapter frame (ref.-no.: BS 1980 APM)
for installation of JUNG inserts into BS wall boxes.**

	Ref.-no.
Modular jack socket, cat. 3	
with screw connection terminals, suitable for ISDN	
for 6 (RJ 12) and 8 (RJ 45) pole plugs.	
acc. to DIN EN 60603-7, IEC 603-7	
8 screw contacts	
8-pole, for 1 terminal	**UAE 8 UPO**
Category 3	
suitable up to 16 MHz	

Modular jack socket, cat. 6 / cat. 6A iso
screw fixing only, without claws
for network applications
LSA connection terminal, shielded
variable running of cable without sharp bending from all directions possible
suitable for standard wall boxes

8-pole, for 1 terminal	**UAE 8 UPOK6**

RJ 45, category 6_A, class E_A (10 Gbit/s / 500 MHz),
corresponds to Cat. 6_A acc. to ISO/IEC 11801 Amendment 2 and Cat. 6A acc. to TIA/EIA-568-B.2-10 2008
suitable for PoE+ acc. to IEEE 802.3at
≥ 1000 insertion/removal cycles, suitable for RJ 11/12

Centre plate
AS range

Duroplastic lacquered		
aluminium	P L	**A 569-1 PLUA AL**
Thermoplastic (breakproof) high-gloss		
white	L	**A 569-1 BFPLUA WW**
black	L	**A 569-1 BFPLUA SW**
matt lacquered		
matt snow white		**A 569-1 BFPLUA WWM**
matt graphite black		**A 569-1 BFPLUA SWM**
matt anthracite		**A 569-1 BFPLUA ANM**

Thermoplastic (breakproof) high-gloss
LS range

white	L	**LS 969-1 UA WW**
black	L	**LS 969-1 UA SW**
matt lacquered		
matt snow white		**LS 969-1 UA WWM**
matt graphite black		**LS 969-1 UA SWM**
metal versions		
aluminium	P L	**AL 2969-1 UA**
stainless steel	L	**ES 2969-1 UA**
anthracite (aluminium lacquered)		**AL 2969-1 UA AN**
dark (aluminium lacquered)		**AL 2969-1 UA D**
classic brass	P	**ME 2969-1 UA C**
antique brass		**ME 2969-1 UA AT**
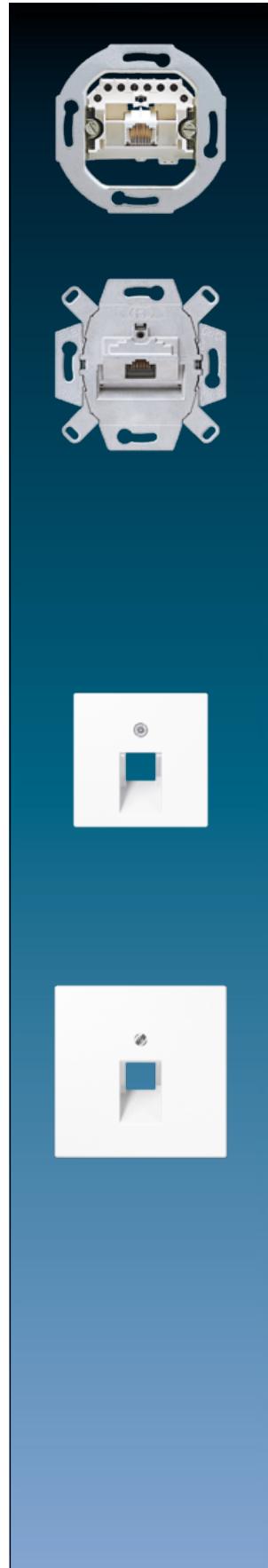
Modular jack sockets
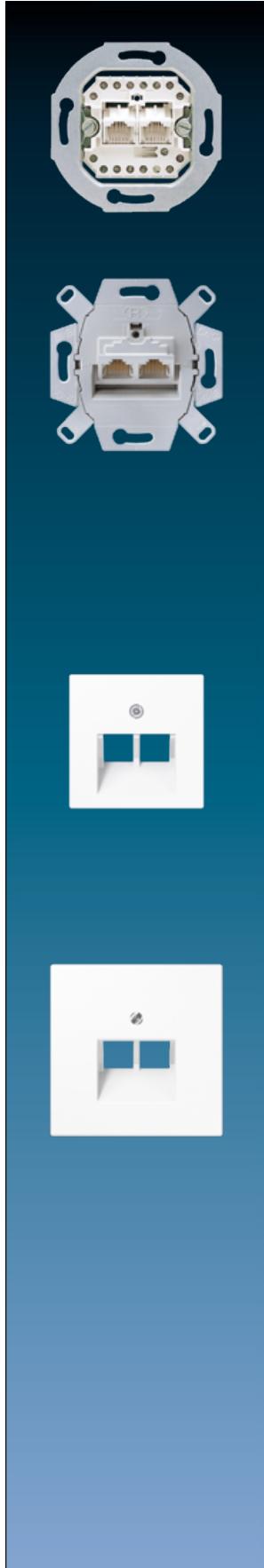
	Ref.-no.

Modular jack socket, cat. 3
with screw connection terminals, suitable for ISDN
for 6 (RJ 12) and 8 (RJ 45) pole plugs.
acc. to DIN EN 60603-7, IEC 603-7

2 x 8 screw contacts

2 x 8-pole, for 2 terminals (separate)	**UAE 8-8 UPO**

Category 3
suitable up to 16 MHz

Modular jack socket, cat. 6 / cat. 6A iso
screw fixing only, without claws
for network applications
LSA connection terminal, shielded
variable running of cable without sharp bending from all directions possible
suitable for standard wall boxes

2 x 8-pole, for 2 terminals (separate)	**UAE 8-8 UPOK6**

RJ 45, category 6_A, class E_A (10 Gbit/s / 500 MHz),
corresponds to Cat. 6_A acc. to ISO/IEC 11801 Amendment 2 and Cat. 6A acc. to TIA/EIA-568-B.2-10 2008
suitable for PoE+ acc. to IEEE 802.3at
≥ 1000 insertion/removal cycles, suitable for RJ 11/12

Centre plate
A range

Thermoplastic (breakproof) high-gloss

white	L	**A 569-2 BFPLUA WW**
black	L	**A 569-2 BFPLUA SW**

Thermoplastic (breakproof) lacquered

aluminium	P L	**A 569-2 BFPLUA AL**

matt lacquered

matt snow white	**A 569-2 BFPLUA WWM**
matt graphite black	**A 569-2 BFPLUA SWM**
matt anthracite	**A 569-2 BFPLUA ANM**

LS range
Thermoplastic (breakproof) high-gloss

white	L	**LS 969-2 UA WW**
black	L	**LS 969-2 UA SW**

matt lacquered

matt snow white	**LS 969-2 UA WWM**
matt graphite black	**LS 969-2 UA SWM**

metal versions

aluminium	P L	**AL 2969-2 UA**
stainless steel	L	**ES 2969-2 UA**
anthracite (aluminium lacquered)		**AL 2969-2 UA AN**
dark (aluminium lacquered)		**AL 2969-2 UA D**
classic brass	P	**ME 2969-2 UA C**
antique brass		**ME 2969-2 UA AT**

**Installation note: Use adapter frame (ref.-no.: BS 1980 APM)
for installation of JUNG inserts into BS wall boxes.**

	Ref.-no.

Stereo loudspeaker socket
25 V ~, 60 V DC
for wires up to 10 mm²
with 4 front side plug terminals in red/black
also suitable for SELV

white	**SLA 2 WW**
anthracite	**SLA 2 AN**

Centre plate (screw fixing)
for stereo loudspeaker socket ref.-no.: SLA 2 WW, SLA 2 AN
for 2-gang supporting frame ref.-no.: UMA-MA2 in connection with universal modular jack socket type A
ref.-no.: UMA-CAT6A

Duroplastic lacquered

aluminium	P L **A 569 PLT AL**

Thermoplastic (breakproof) high-gloss

white	L **A 569 BFPLT WW**
black	L **A 569 BFPLT SW**

matt lacquered

matt snow white	**A 569 BFPLT WWM**
matt graphite black	**A 569 BFPLT SWM**
matt anthracite	**A 569 BFPLT ANM**

for **Rutenbeck**: UM-MA 2 Up with UM-real Cat.6a A
for **Dätwyler**: flush-mounted modular jack socket (for 2 x MS-K 1/8 Cat.6a), ref.-no.: 440 012

TV-FM sockets

**Installation note: Use adapter frame (ref.-no.: BS 1980 APM)
for installation of JUNG inserts into BS wall boxes.**
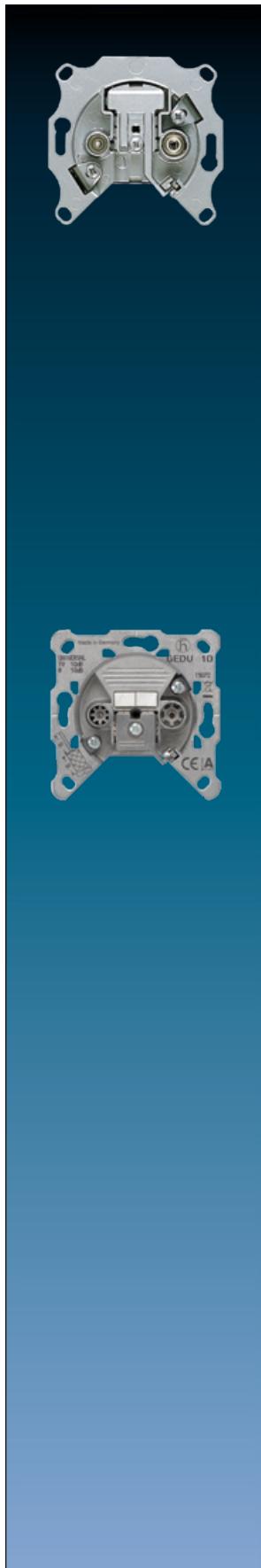
	Ref.-no.

TV-FM socket outlet insert
screwless terminals
for cable TV and SAT distribution
Frequency range 5 ... 2400 MHz without gaps on both outputs.
Housing: torsion-resistant, passivated diecast zinc

Terminated outlet	EDU 04 F

Terminated outlets are used for individual and community installation (BK, CATV, MATV)
connected to decoupling stub lines.

Technical data
IN – TV (IEC male)
    Frequency range: 5 ... 2150 (2400) MHz
    Attenuation: 4.0 dB
IN – RF (IEC female)
    Frequency range: 5 ... 2150 (2400) MHz
    Attenuation: 4.0 dB
Isolation
    TV – RF: VHF, UHF / SAT: 20/20 dB
DC through
    TV – IN (IEC male):   13/18 V, 22 kHz
                                max. +24 V/0.5 A
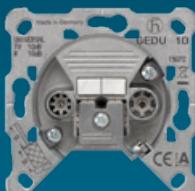
TV-FM socket outlet insert
screwless terminals
for cable TV and SAT distribution
Frequency range 5 ... 2400 MHz without gaps on both outputs.
Housing: torsion-resistant, passivated diecast zinc

Loop through outlet	GEDU 10

Loop through outlets can also be used in tree networks. The last loop through socket installed
in a trunk or stub line must be terminated by terminating resistor R 75.

Technical data
IN – OUT (throughpass)
    Frequency range: 5 ... 2150 (2400) MHz
    Attenuation: 2.5 dB
IN – TV (IEC male)
    Frequency range: 5 ... 2150 (2400) MHz
    Attenuation: 10.0 dB
IN – RF (IEC female)
    Frequency range: 5 ... 2150 (2400) MHz
    Attenuation: 10.0 dB
Isolation
    OUT – TV / RF: VHF, UHF / SAT: 35/20 dB
    TV – RF: VHF, UHF / SAT: 38/30 dB
DC through: no

	Ref.-no.

TV-FM socket outlet insert
screwless terminals
for cable TV and SAT distribution
Frequency range 5 ... 2400 MHz without gaps on both outputs.
Housing: torsion-resistant, passivated diecast zinc

Loop through outlet	**GEDU 15**

Loop through outlets can also be used in tree networks. The last loop through socket installed
in a trunk or stub line must be terminated by terminating resistor R 75.
Note on the use of loop through outlets GEDU 10 and GEDU 15:
In a main line with e.g. 7 subscribers the first 4 TV sockets will be GEDU 15 and the remaining ones
will be GEDU 10. In this way all sockets will have approximately the same signal strength.

Technical data
IN – OUT (throughpass)
    Frequency range: 5 ... 2150 (2400) MHz
    Attenuation: 1.0 dB
IN – TV (IEC male)
    Frequency range: 5 ... 2150 (2400) MHz
    Attenuation: 15.0 dB
IN – RF (IEC female)
    Frequency range: 5 ... 2150 (2400) MHz
    Attenuation: 15.0 dB
Isolation
    OUT – TV / RF: VHF, UHF / SAT: 38/30 dB
    TV – RF: VHF, UHF / SAT: 24/24 dB
DC through: no

Centre plate
A range

Duroplastic lacquered

aluminium	P L	**A 561 PLTV AL**

Thermoplastic (breakproof) high-gloss

| white | L | **A 561 BFPLTV WW** |
| black | L | **A 561 BFPLTV SW** |

matt lacquered

matt snow white	**A 561 BFPLTV WWM**
matt graphite black	**A 561 BFPLTV SWM**
matt anthracite	**A 561 BFPLTV ANM**
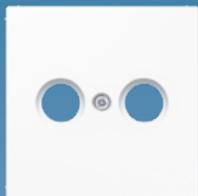
LS range
Thermoplastic (breakproof) high-gloss

| white | L | **LS 990 TV WW** |
| black | L | **LS 990 TV SW** |

matt lacquered

| matt snow white | **LS 990 TV WWM** |
| matt graphite black | **LS 990 TV SWM** |

metal versions

aluminium	P L	**AL 2990 TV**
stainless steel	L	**ES 2990 TV**
anthracite (aluminium lacquered)	**AL 2990 TV AN**
dark (aluminium lacquered)	**AL 2990 TV D**
classic brass	P	**ME 2990 TV C**
antique brass	**ME 2990 TV AT**

USB charger

**Installation note: Use adapter frame (ref.-no.: BS 1980 APM)
for installation of JUNG inserts into BS wall boxes.**

	Ref.-no.
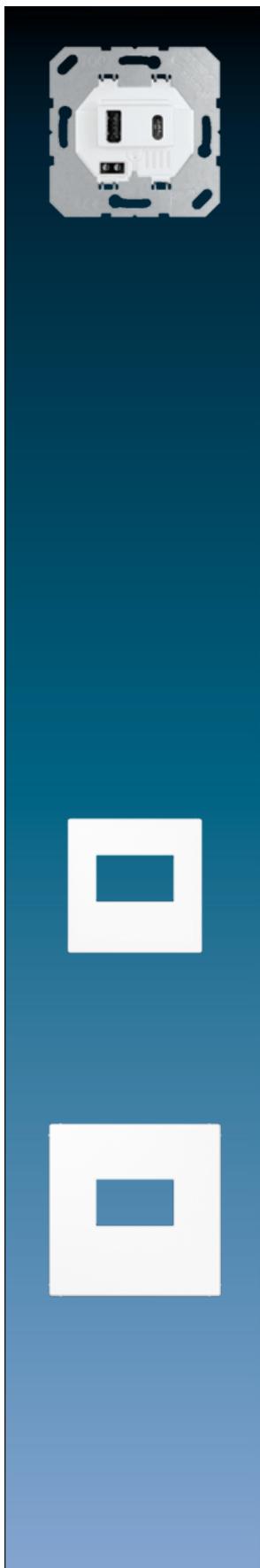
USB charger
with 1 USB port type A and 1 USB port type C
screw fixing only, without claws

white	**USB 15 CA WW**
black	**USB 15 CA SW**

Intended use
- Battery charging station for mobile devices with USB connection
- Installation in flush box according to EN 60670-1

Product characteristics
- Simultaneous charging of 2 devices possible
- Installation into multiple frame with other devices possible
- Charging current: max. 3000 mA

Technical data

Input voltage:	AC 100 ... 240 V ~ ± 10 %
Mains frequency:	50/60 Hz
Ambient temperature:	0 ... +35 °C
Stora/transport temperature:	–20 ... +70 °C
Stand-by power consumption at U_{IN} = 230 V ~:	≤ 0.1 W
Connection mode:	screw terminals
Output voltage:	DC 5 V (± 5 %)
Output current	
AC 120 ... 240 V ~	max. 3000 mA
AC 90 ... 108 V ~	max. 2500 mA

Centre plate (snap-on fixing)
A range

Thermoplastic (breakproof) high-gloss

white	L	**A 1569 USB WW**
black	L	**A 1569 USB SW**

Thermoplastic (breakproof) lacquered

aluminium	P L	**A 1569 USB AL**

matt lacquered

matt snow white	**A 1569 USB WWM**
matt graphite black	**A 1569 USB SWM**
matt anthracite	**A 1569 USB ANM**

LS range
Thermoplastic (breakproof) high-gloss

white	L	**LS 1969 USB WW**
black	L	**LS 1969 USB SW**

matt lacquered

matt snow white	**LS 1969 USB WWM**
matt graphite black	**LS 1969 USB SWM**

metal versions

aluminium	P L	**AL 1969 USB**
stainless steel	L	**ES 1969 USB**
anthracite (aluminium lacquered)		**AL 1969 USB AN**
dark (aluminium lacquered)		**AL 1969 USB D**
classic brass	P	**ME 1969 USB C**
antique brass		**ME 1969 USB AT**

Installation note: Use adapter frame (ref.-no.: BS 1980 APM)
for installation of JUNG inserts into BS wall boxes.

	Ref.-no.
Power supply Plug & Light	
	PL 08 U

Intended use
- Ballast for switching and dimming light attachments from the Plug & Light system
- Connection to switch, switch inserts with relay contact, electronic switch inserts (trailing edge phase control principle, ref.-no. 1704 ESE), 2-wire LED dimmer (trailing edge phase control principle) and 3-wire LED dimmer (trailing edge phase control principle)
- Compatible dimmers: 1224 LED UDE, 1710 DE, 1711 DE, 1730 DD, 1731 DD, 1724 DM, UD 1755 REG, ULZ 1755 REG, FM UD 420250 REG, FM UD 5500 REG, FM UD 20250 UP, 3901 REGHE, 3902 REGHE, 39004 1S R

Product characteristics
- Automatic detection of the connected light attachments
- Safe extra low voltage SELV DC

Technical data

Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Stand-by power	
(without light cover and dimmer):	380 mW
Output voltage:	12 V ± 600 mV
Input current:	typical 75 mA
Connected load:	max. 8 W
Power factor:	typical 0.6
Efficiency:	approx. 79 %
Connection:	screw terminals
Terminals for:	2.5 mm²
Protection class:	II
Ambient temperature:	+5 ... +35 °C
Stora/transport temperature:	−25 ... +70 °C

Centre plate
Product characteristics
- Magnetic fixing of light attachments
- Mechanical securing of light attachments for ceiling mounting and as dismounting protection
- Electrical coupling via gold-plated sliding contacts

A range

Thermoplastic (breakproof) high-gloss	
white	**PL A DMS WW**
black	**PL A DMS SW**
Thermoplastic (breakproof) lacquered	
aluminium	**PL A DMS AL**

LS range

Thermoplastic (breakproof) high-gloss	
white	**PL LS DMS WW**
black	**PL LS DMS SW**
metal colours (thermoplastic lacquered)	
aluminium	**PL AL DMS-L**
stainless steel	**PL ES DMS-L**
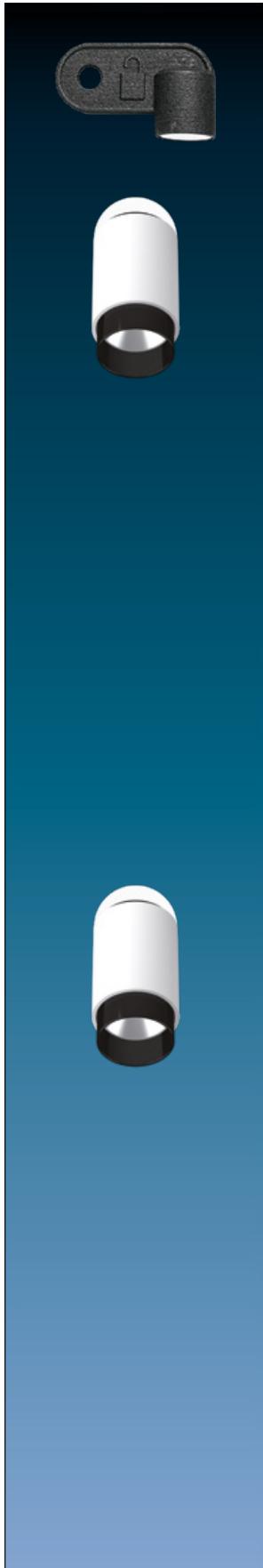
	Ref.-no.
Release magnet	
for dismounting Plug & Light luminaires	
can also be used to reset WLAN access points ref.-no. WLAN-AC-..	
	PL MAGNET 01

LED spotlight Plug & Light	
white	**PL S1 D05 WW**
white – black	**PL S1 D05 WW SW**
black	**PL S1 D05 SW SW**
aluminium – black	**PL S1 D05 AL SW**

Product characteristics

• Dimming with suitable LED dimmer at constant colour temperature of 2700 K • Symmetrical optics, beam angle of 35° • Flicker-free light over the entire dimming range • Light attachment can be changed during ongoing operation • Adjustable anti-glare ring via 3 latch positions (5, 10 and 15 mm) • Swivelling by 90° • Stepless rotation through 360°

Technical data

Rated voltage:	DC 12 V SELV
Power consumption:	5.6 W
Connection mode:	electrical coupling via gold-plated sliding contacts
Protection class:	III
Luminous flux:	390 lm
Colour temperature:	2,700 K
Colour rendering index:	typical 85
Beam angle:	35 °
Diameter:	42 mm
Length without anti-glare ring:	80 mm
Length with anti-glare ring:	85 ... 95 mm
Housing material:	aluminium lacquered / plastic
Energy efficiency class:	G

This luminaire contains built-in LED lamps, which cannot be replaced.

LED spotlight (warm dim) Plug & Light	
white	**PL S1 WD05 WW**
white – black	**PL S1 WD05 WW SW**
black	**PL S1 WD05 SW SW**
aluminium – black	**PL S1 WD05 AL SW**

Product characteristics

• Changing the colour temperature between 2700 K and 4000 K with simultaneous brightness increase from minimum to maximum, with suitable LED dimmer • Symmetrical optics, beam angle of 35° • Flicker-free light over the entire dimming range • Light attachment can be changed during ongoing operation • Adjustable anti-glare ring via 3 latch positions (5, 10 and 15 mm) • Swivelling by 90° • Stepless rotation through 360°

Technical data

Rated voltage:	DC 12 V SELV
Power consumption:	5.6 W
Connection mode:	electrical coupling via gold-plated sliding contacts
Protection class:	III
Luminous flux:	350 lm
Colour temperature:	2,700 ... 4,000 K
Colour rendering index:	typical 85
Beam angle:	35 °
Diameter:	42 mm
Length without anti-glare ring:	80 mm
Length with anti-glare ring:	85 ... 95 mm
Housing material:	aluminium lacquered / plastic
Energy efficiency class:	G

This luminaire contains built-in LED lamps, which cannot be replaced.

	Ref.-no.
LED wall luminaire Plug & Light	
Thermoplastic (breakproof) high-gloss	
white	**PL F1 D05 WW**
black	**PL F1 D05 SW**
metal colours (thermoplastic lacquered)	
aluminium	**PL F1 D05 AL-L**
stainless steel	**PL F1 D05 ES-L**

Product characteristics

• Accent lighting or work light • Dimming with suitable LED dimmer at constant colour temperature of 2700 K • Non-glare asymmetrical optics • Flicker-free light over the entire dimming range • Light attachment can be changed during ongoing operation • Stepless rotation through 360°

Technical data

Rated voltage:	DC 12 V SELV
Power consumption:	4.1 W
Connection mode:	electrical coupling via gold-plated sliding contacts
Protection class:	III
Dimensions (W x H x D):	70 x 70 x 17 mm
Luminous flux:	290 lm
Colour temperature:	2,700 K
Colour rendering index:	typical 90
Beam angle:	asymmetrical light distribution
Energy efficiency class:	G

This luminaire contains built-in LED lamps, which cannot be replaced.

	Ref.-no.
LED wall luminaire (warm dim) Plug & Light	
Thermoplastic (breakproof) high-gloss	
white	**PL F1 WD05 WW**
black	**PL F1 WD05 SW**
metal colours (thermoplastic lacquered)	
aluminium	**PL F1 WD05 AL-L**
stainless steel	**PL F1 WD05 ES-L**

Product characteristics

• Accent lighting or work light • Changing the colour temperature between 2700 K and 4000 K with simultaneous brightness increase from minimum to maximum, with suitable LED dimmer • Non-glare asymmetrical optics • Flicker-free light over the entire dimming range • Light attachment can be changed during ongoing operation • Stepless rotation through 360°

Technical data

Rated voltage:	DC 12 V SELV
Power consumption:	4.1 W
Connection mode:	electrical coupling via gold-plated sliding contacts
Protection class:	III
Dimensions (W x H x D):	70 x 70 x 17 mm
Luminous flux:	290 lm
Colour temperature:	2,700 ... 4,000 K
Colour rendering index:	typical 90
Beam angle:	asymmetrical light distribution
Energy efficiency class:	G

This luminaire contains built-in LED lamps, which cannot be replaced.

Ref.-no.

Friends of Hue switch set
including mounting plate, adhesive film and fastening screw
- Smart switch for wireless remote control of Philips Hue lamps
- For switching, dimming and controlling individual light scenes
- For residential use only
- Mounting on flush box according to EN 60670-1, screw fixing on walls or adhesive fixing on smooth, even surfaces (glass)
- Battery-free device without external power supply
- Transmitting energy is generated from mechanical energy of actuation (energy harvesting)
- Encrypted transmission with device-specific code
- Wireless standard ZigBee Green Power, compatible with Friends of Hue and Apple HomeKit
- Automatic range extension via Philips Hue lamps
- Simple commissioning and configuration via Philips Hue app and Hue Bridge V2 or higher

Technical data

Radio frequency:	2.402 ... 2.480 GHz
Transmission range	
in free field:	up to 175 m
in buildings:	approx. 20 m
Transmitting power:	7 dBm / 5 mW
Ambient temperature:	−5 ... +45 °C
Stora/transport temperature:	−25 ... +65 °C
Atmospheric humidity:	0 ... 95 % (no condensation)

A range

4-channel
max. 4 light scenes
including A 550 frame ref.: A 5581 BF WW
Thermoplastic (breakproof) high-gloss

white	**⌊ FOHS A 550 595 WW**
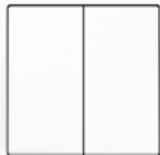
	Ref.-no.

Bluetooth Low Energy radio transmitter

including mounting plate, adhesive film and fastening screw

• Smart switch for wireless device control using wireless standard Bluetooth Low Energy (BLE)
• For switching, dimming and controlling individual light scenes
• Mounting on flush box according to EN 60670-1, screw fixing on walls or adhesive fixing on smooth, even surfaces (glass)
• Battery-free device without external power supply
• Transmitting energy is generated from mechanical energy of actuation (energy harvesting)
• Encrypted transmission with AES-128 (CBC mode) and sequence counter
• Compatible with these wireless Bluetooth systems: Casambi, XICATO Controls, Häfele Connect, WiSilica, Wirepas, Blu2Light (Vossloh Schwabe), Aruba, Fulham, Helvar
• Configuration interface: NFC Forum Type 2 Tag (ISO/IEC 14443 Part 2 + 3)
• Automatic range extension (depending on the system) via BT Mesh devices connected to the mains

Technical data

Radio frequency:	2.402 ... 2.480 GHz
Transmission range	
in free field:	up to 75 m
in buildings:	approx. 10 m
Transmitting power:	0.4 dBm / 1.1 mW
Ambient temperature:	–5 ... +45 °C
Stora/transport temperature:	–25 ... +65 °C
Atmospheric humidity:	0 ... 95 % (no condensation)

A range

2-channel

Thermoplastic (breakproof) high-gloss

white	**L** **BLE A 590 WW**
matt lacquered	
matt anthracite	**BLE A 590 ANM**

4-channel

Thermoplastic (breakproof) high-gloss

white	**L** **BLE A 595 WW**
matt lacquered	
matt anthracite	**BLE A 595 ANM**
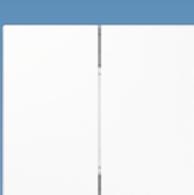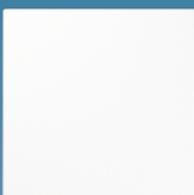
LS range

2-channel

Thermoplastic (breakproof) high-gloss

white	**L** **BLE LS 990 WW**
black	**L** **BLE LS 990 SW**

4-channel

Thermoplastic (breakproof) high-gloss

white	**L** **BLE LS 995 WW**
black	**L** **BLE LS 995 SW**

System inserts

Installation note: Use adapter frame (ref.-no.: BS 1980 APM) for installation of JUNG inserts into BS wall boxes.
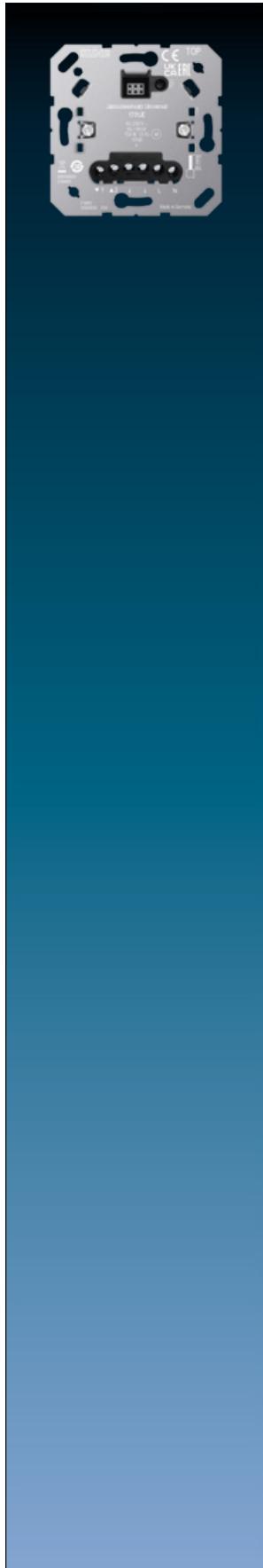
	Ref.-no.
Universal blinds insert with satellite input for covers ref.-no.: .. 1700 .., .. 1701 .., .. 1750 D .., .. 1751 BT ..	
	1731 JE

Intended use
- Controlling electrically driven blinds, shutters and awnings
- Automatic time control via cover or satellite input
- Operation with suitable cover of the LB Management

Product characteristics
- The integration into group controls or master controls is possible by means of extension inputs
- Automatic control via timer
- Test operation for functional test
- Operation as a main device or extension unit
- Wind alarm interlock via satellite input
- Pole changing of outputs for simplified commissioning from version V01 upwards
- Saving of a ventilation position possible using the cover

Technical data
Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Ambient temperature:	−5 ... +45 °C
Contact type:	µ
Stand-by power:	max. 0.2 W
Running time:	approx. 120 s
Connected load	
Motors:	700 W
Connection	
Connection mode:	screw terminals
single wire:	$1 \times 0.5 ... 4.0 \ mm^2$
	$2 \times 0.5 ... 2.5 \ mm^2$
stranded without ferrule:	$1 \times 0.5 ... 4.0 \ mm^2$
	$2 \times 0.5 ... 2.5 \ mm^2$
stranded with ferrule:	$1 \times 0.5 ... 4.0 \ mm^2$
	$2 \times 0.5 ... 1.5 \ mm^2$

Ref.-no.

Universal touch dimmer insert LED
with satellite input
for covers ref.-no.: .. 1700 .., .. 1701 .., .. 1750 D .., .. 1751 BT .., .. 17181 .., .. 17281 ..

1711 DE

Intended use
• Switching and dimming of lighting • Operation with suitable cover of the LB Management

Product characteristics
• Device works according to the leading edge phase control or trailing edge phase control principle
• Automatic or manual setting of the dimming principle suitable for the load • Display of the set operating mode by means of LED • Device can be operated without neutral conductor • Switch-on via bulb-preserving soft start • Switch-on with last brightness or saved switch-on brightness • Switch-on brightness can be saved permanently • Minimum brightness can be saved permanently • Electronic short-circuit protection with permanent switch-off after 7 seconds at the latest • Electronic over-temperature protection • Test operation for functional test • Optional accessory: compensation module LED, ref.-no.: KM LED 230 U

Technical data

Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Stand-by power depending on the cover:	approx. 0.1 ... 0.5 W
Power loss:	approx. 4 W
Ambient temperature:	−5 ... +45 °C
Connected load at 25 °C	
Incandescent lamps:	20 ... 420 W
HV halogen lamps:	20 ... 420 W
Electronic transformers:	20 ... 420 W
Electronic transformers with LV LED:	typical 20 ... 100 W
Inductive transformers:	20 ... 420 VA
Inductive transformers with LV LED:	typical 20 ... 100 VA
Dimmable HV LED lamps:	typical 3 ... 100 W
Dimmable compact fluorescent lamps:	typical 3 ... 100 W

Operating mode LED trailing edge phase control: Rated power for HV LED lamps, typ. 3 ... 400 W, electronic transformers with LV LED typ. 20 ... 200 W.

Ohmic-capacitive:	20 ... 420 W
Capacitive-inductive:	not permitted
Ohmic-inductive:	20 ... 420 VA
Ohmic and HV LED:	typical 3 ... 100 W
Ohmic and CFL:	typical 3 ... 100 W
Amplifiers:	see instructions for amplifier
Connection:	screw terminals
single wire:	1 x 0.5 ... 4.0 mm²
	2 x 0.5 ... 2.5 mm²
stranded without ferrule:	1 x 0.5 ... 4.0 mm²
	2 x 0.5 ... 2.5 mm²
stranded with ferrule:	1 x 0.5 ... 4.0 mm²
	2 x 0.5 ... 1.5 mm²
Number of satellite units	
Push-buttons:	unlimited
Total length of extension unit cable:	max. 100 m
Total length power cable:	max. 100 m

System inserts

	Ref.-no.
Relay switch insert 1-channel	
with satellite input	
for covers ref.-no.: .. 1700 .., .. 1701 .., .. 1750 D .., .. 1751 BT .., .. 17181 .., .. 17281 ..	
for displays ref.-no.: .. 1790 D ..	
	1701 SE

Intended use
- Switching of lighting and motors
- Operation with suitable cover of the LB Management
- Controlling of electric underfloor heating systems and electrothermal valve drives
  in combination with a room thermostat cover

Product characteristics
- Connection of satellite units possible
- Run-on times adjustable
- Test operation for functional test
- Adaptive zero-point switching

Technical data

Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Stand-by power depending on the cover:	approx. 0.1 ... 0.5 W
Switching current at 35 °C	
Ohmic:	16 A (AC1)
Switching current	
	AX
Connected load at 35 °C	
Incandescent lamps:	2300 W
HV halogen lamps:	2300 W
Electronic transformers:	1500 W
Inductive transformers:	1000 VA
HV LED lamps:	typical 400 W
Compact fluorescent lamps:	typical 500 W
Fluorescent lamps non-compensated:	1200 VA
Capacitive load:	920 VA (115 µF)
Connection:	screw terminals
single wire:	1 x 0.5 ... 4.0 mm²
	2 x 0.5 ... 2.5 mm²
stranded without ferrule:	1 x 0.5 ... 4.0 mm²
	2 x 0.5 ... 2.5 mm²
stranded with ferrule:	1 x 0.5 ... 4.0 mm²
	2 x 0.5 ... 1.5 mm²
Installation depth:	24 mm
Ambient temperature:	–25 ... +45 °C
Stora/transport temperature:	–20 ... +70 °C
Number of satellite units	
Push-buttons:	unlimited
Shut-off delay:	without, 1 min, 5 min, 30 min, 60 min

	Ref.-no.

Relay switch insert with floating contact, 1-channel
with satellite input
for covers ref.-no.: .. 1700 .., .. 1701 .., .. 1750 D .., .. 1751 BT .., .. 17181 .., .. 17281 ..
for displays ref.-no.: .. 1790 D ..

	1701 PSE

Intended use
- Switching of lighting and motors
- Controlling of electric underfloor heating systems and electrothermal valve drives
  in combination with a room thermostat cover or KNX RF push-button
- Operation with suitable cover

Product characteristics
- Connection of satellite units possible
- Run-on times adjustable
- Test operation for functional test
- Operation with neutral conductor connection

Technical data
Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Stand-by power depending on the cover:	approx. 0.1 ... 0.5 W
Switching current at 35 °C	
Ohmic:	16 A (AC1)
Switching current	
Fluorescent lamps:	4 AX
Connected load at 35 °C	
Incandescent lamps:	2300 W
HV halogen lamps:	2000 W
Electronic transformers:	1500 W
Inductive transformers:	1000 VA
HV LED lamps:	typical 400 W
Compact fluorescent lamps:	typical 400 W
Fluorescent lamps non-compensated:	920 VA
Capacitive load:	920 VA (115 µF)
Connection:	screw terminals
single wire:	1 x 0.5 ... 4.0 mm²
	2 x 0.5 ... 2.5 mm²
stranded without ferrule:	1 x 0.5 ... 4.0 mm²
	2 x 0.5 ... 2.5 mm²
stranded with ferrule:	1 x 0.5 ... 4.0 mm²
	2 x 0.5 ... 1.5 mm²
Installation depth:	24 mm
Ambient temperature:	−25 ... +45 °C
Stora/transport temperature:	−20 ... +70 °C
Number of satellite units	
Push-buttons:	unlimited
Shut-off delay:	without, 1 min, 5 min, 30 min, 60 min

System inserts

	Ref.-no.

Electronic switch insert 1-channel
with satellite input
for covers ref.-no.: .. 1700 .., .. 1701 .., .. 1750 D .., .. 1751 BT .., .. 17181 .., .. 17281 ..
for displays ref.-no.: .. 1790 D ..

	1704 ESE

Intended use
- Operation with suitable cover of the LB Management

Operation with neutral conductor:
- Switching of incandescent lamps, HV halogen lamps, electronic or inductive transformers
  with halogen or LED lamps, switchable or dimmable HV-LED or compact fluorescent lamps

Operation without neutral conductor:
- Switching of incandescent lamps, HV halogen lamps, electronic or inductive transformers
  with halogen or LED lamps, dimmable HV-LED or compact fluorescent lamps

Product characteristics
- Switch-on via bulb-preserving soft start
- Connection of satellite units possible
- Electronic short-circuit protection with permanent switch-off after 7 seconds at the latest
- Electronic over-temperature protection
- Test operation for functional test

Operation with neutral conductor:
- Device is powered via line conductor and neutral conductor, therefore there is no leading
  edge phase control or trailing edge phase control

Operation without neutral conductor:
- Device is powered via the line conductor and the connected load and therefore works in
  the leading edge phase control or trailing edge phase control principle
- Automatic or manual setting of the operating mode suitable for the load
- Display of the set operating mode by means of LED

	Ref.-no.

Standard centre plate
for insert "blinds" ref.-no.: 1731 JE
for inserts "light" ref.-no.: 1701 SE, 1704 ESE, 1711 DE

Intended use
- Manual operation of Venetian blinds, shutters, awnings or lighting
- Operation with blinds, switch, dimmer, pulse or satellite insert

Product characteristics
- Activation of blinds/shutters, with blinds insert
- Switching and dimming of lighting, with switch / dimmer or pulse insert
- Ventilation position of the blind/shutter can be saved, with blinds insert
- Switch-on brightness of lighting can be saved, with dimmer insert and DALI push-button controller

A range
Duroplastic lacquered

aluminium	**A 1700 AL**

Thermoplastic (breakproof) high-gloss

white	L	**A 1700 BF WW**
black	L	**A 1700 BF SW**

matt lacquered

matt snow white	**A 1700 BF WWM**
matt graphite black	**A 1700 BF SWM**
matt anthracite	**A 1700 BF ANM**

LS range
Duroplastic (scratch-proof) glossy

white	**LS 1700 WW**
black	**LS 1700 SW**

matt lacquered

matt snow white	**LS 1700 WWM**
matt graphite black	**LS 1700 SWM**

metal versions

aluminium	L	**AL 1700**
stainless steel	L	**ES 1700**
anthracite (aluminium lacquered)		**AL 1700 AN**
dark (aluminium lacquered)		**AL 1700 D**
classic brass		**ME 1700 C**
antique brass		**ME 1700 AT**

LB Management

	Ref.-no.

Standard centre plate "arrows"
for insert "blinds" ref.-no.: 1731 JE
for inserts "light" ref.-no.: 1701 SE, 1704 ESE, 1711 DE

Intended use
• Manual operation of Venetian blinds, shutters, awnings or lighting
• Operation with blinds, switch, dimmer, pulse or satellite insert

Product characteristics
• Activation of blinds/shutters, with blinds insert
• Switching and dimming of lighting, with switch / dimmer or pulse insert
• Ventilation position of the blind/shutter can be saved, with blinds insert
• Switch-on brightness of lighting can be saved, with dimmer insert and DALI push-button controller

A range

Duroplastic lacquered

aluminium	**A 1700 P AL**

Thermoplastic (breakproof) high-gloss

white	**A 1700 BFP WW**
black	**A 1700 BFP SW**

matt lacquered

matt snow white	**A 1700 BFP WWM**
matt graphite black	**A 1700 BFP SWM**
matt anthracite	**A 1700 BFP ANM**

LS range

Duroplastic (scratch-proof) glossy

white	**LS 1700 P WW**
black	**LS 1700 P SW**

matt lacquered

matt snow white	**LS 1700 P WWM**
matt graphite black	**LS 1700 P SWM**

metal versions

aluminium	**AL 1700 P**
stainless steel	**ES 1700 P**
anthracite (aluminium lacquered)	**AL 1700 P AN**
dark (aluminium lacquered)	**AL 1700 P D**
classic brass	**ME 1700 P C**
antique brass	**ME 1700 P AT**

	Ref.-no.

Universal centre plate
for insert "blinds" ref.-no.: 1731 JE
for inserts "light" ref.-no.: 1701 SE, 1704 ESE, 1711 DE

Intended use
- Manual and time-controlled operation of Venetian blinds, shutters, awnings or lighting
- Operation with switch, dimmer or blinds insert or satellite insert 3-wire

Product characteristics
- Activation of blinds/shutters, with blinds insert
- Switching and dimming of lighting, with switch or dimmer insert
- Ventilation position of the blind/shutter can be saved, with blinds insert
- Switch-on brightness of lighting can be saved, with dimmer insert and DALI push-button controller
- Disabling function
- 2 switching times can be saved, which are repeated in a 24-hour cycle

A range
Duroplastic lacquered

aluminium	**A 1701 AL**

Thermoplastic (breakproof) high-gloss

white	L **A 1701 BF WW**
black	L **A 1701 BF SW**
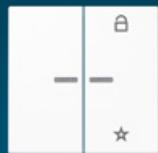
matt lacquered

matt snow white	**A 1701 BF WWM**
matt graphite black	**A 1701 BF SWM**
matt anthracite	**A 1701 BF ANM**
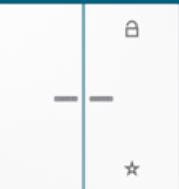
LS range
Duroplastic (scratch-proof) glossy

white	**LS 1701 WW**
black	**LS 1701 SW**

matt lacquered

matt snow white	**LS 1701 WWM**
matt graphite black	**LS 1701 SWM**

metal versions

aluminium	L **AL 1701**
stainless steel	L **ES 1701**
anthracite (aluminium lacquered)	**AL 1701 AN**
dark (aluminium lacquered)	**AL 1701 D**
classic brass	**ME 1701 C**
antique brass	**ME 1701 AT**

LB Management

	Ref.-no.

Universal centre plate "arrows"
for insert "blinds" ref.-no.: 1731 JE
for inserts "light" ref.-no.: 1701 SE, 1704 ESE, 1711 DE

Intended use
• Manual and time-controlled operation of Venetian blinds, shutters, awnings or lighting
• Operation with switch, dimmer or blinds insert or satellite insert 3-wire

Product characteristics
• Activation of blinds/shutters, with blinds insert
• Switching and dimming of lighting, with switch or dimmer insert
• Ventilation position of the blind/shutter can be saved, with blinds insert
• Switch-on brightness of lighting can be saved, with dimmer insert and DALI push-button controller
• Disabling function
• 2 switching times can be saved, which are repeated in a 24-hour cycle

A range

Duroplastic lacquered

aluminium	**A 1701 P AL**

Thermoplastic (breakproof) high-gloss

white	**A 1701 BFP WW**
black	**A 1701 BFP SW**

matt lacquered

matt snow white	**A 1701 BFP WWM**
matt graphite black	**A 1701 BFP SWM**
matt anthracite	**A 1701 BFP ANM**

LS range

Duroplastic (scratch-proof) glossy

white	**LS 1701 P WW**
black	**LS 1701 P SW**

matt lacquered

matt snow white	**LS 1701 P WWM**
matt graphite black	**LS 1701 P SWM**

metal versions

aluminium	**AL 1701 P**
stainless steel	**ES 1701 P**
anthracite (aluminium lacquered)	**AL 1701 P AN**
dark (aluminium lacquered)	**AL 1701 P D**
classic brass	**ME 1701 P C**
antique brass	**ME 1701 P AT**
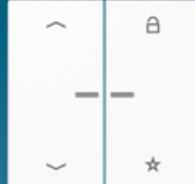
	Ref.-no.

Standard timer with display
for insert "blinds" ref.-no.: 1731 JE
for inserts "light" ref.-no.: 1701 SE, 1704 ESE, 1711 DE
Intended use
• Manual and time-controlled operation of Venetian blinds, shutters, awnings or lighting
• Operation with switch, dimmer or blinds insert or satellite insert 3-wire

Product characteristics
• Real glass front
• 6 sensor buttons
• Current time can be saved as switching time, quick programming
• Automatic summer/winter time changeover, can be switched off
• Switching at sunrise and/or before sunset (astro function) adjustable for 18 countries
• Astro time shift for sunrise and sunset
• Disabling function
• Display switches off after 2 minutes, permanent indication of the current time possible
• Activation of blinds/shutters, with blinds insert
• Programming of one up time and one down time each for the parts of the week Mo-Fr and Sa+Su
• Ventilation position of the blind/shutter can be saved, with blinds insert
• Switching and dimming of lighting, with switch or dimmer insert
• Programming of two memory areas with one switch-on and one switch-off time each for the parts of the week Mo-Fr and Sa+Su
• Switch-on brightness of lighting can be saved, with dimmer insert and DALI push-button controller

A range

white	**A 1750 D WW**
black	**A 1750 D SW**

LS range

white	**LS 1750 D WW**
black	**LS 1750 D SW**

LB Management

Universal timer Bluetooth
for insert "blinds" ref.-no.: 1731 JE
for inserts "light" ref.-no.: 1701 SE, 1704 ESE, 1711 DE
Intended use
• Manual and time-controlled operation of Venetian blinds, shutters, awnings, lighting or fans
• Operation and programming with smartphone in combination with Clever Config App via Bluetooth
• Operation with switch, dimmer or blinds insert or satellite insert 3-wire

Product characteristics
Functions directly via cover
• Operation of blinds/shutters and lighting
• Activating / deactivating the disabling function
• Activating / deactivating automatic operation
• Running time and ventilation position of the blind/shutter can be saved
• Switch-on brightness or switch on to last brightness (with dimming insert) can be saved
• Night mode
Functions via Clever Config App
• Operation of blinds/shutters and lighting with status feedback
• Display of current blind/shutter position, dimming position or switching state
• Programming of up to 40 individual switching times
• Blind and slat positions or switching and dimming values can be saved for each switching time
• Possible to copy switching times to other universal timers Bluetooth
• Switching at sunrise and/or before sunset (astro function)
• Astro time by means of geolocation
• Astro time shift can be set for each switching time
• Automatic summer/winter time changeover, can be switched off
• Random function
• Automatic date and time update when connecting with smartphone
• Code request for protection for time programs and configuration possible
• Save a ventilation position, blind/shutter running time, slat change-over time
  and change-over time for direction change
• Switch to inverse operation for Venetian blind inserts possible
• Maximum brightness and minimum brightness for dimming insert can be set
• Sun protection and twilight function possible via optional brightness / temperature sensor
  ref.-no.: 1792 HT BT

Technical data
Ambient temperature:	–5 ... +45 °C
Stora/transport temperature:	–20 ... +70 °C
Accuracy per month:	± 10 s
The time is updated with every connection to the app.	
Power reserve:	approx. 4 h
Radio frequency:	2.402 ... 2.480 GHz
Transmitting power:	max. 2.5 mW (class 2)
Transmission range:	typical 10 m

	Ref.-no.
Universal timer Bluetooth	
A range	
Duroplastic lacquered	
aluminium	L **A 1751 BT AL**
Thermoplastic (breakproof) high-gloss	
white	L **A 1751 BFBT WW**
black	L **A 1751 BFBT SW**
matt lacquered	
matt snow white	**A 1751 BFBT WWM**
matt graphite black	**A 1751 BFBT SWM**
matt anthracite	**A 1751 BFBT ANM**
LS range	
Duroplastic (scratch-proof) glossy	
white	**LS 1751 BT WW**
black	**LS 1751 BT SW**
matt lacquered	
matt snow white	**LS 1751 BT WWM**
matt graphite black	**LS 1751 BT SWM**
metal versions	
aluminium	L **AL 1751 BT**
stainless steel	L **ES 1751 BT**
anthracite (aluminium lacquered)	**AL 1751 BT AN**
dark (aluminium lacquered)	**AL 1751 BT D**
classic brass	**ME 1751 BT C**
antique brass	**ME 1751 BT AT**

LB Management
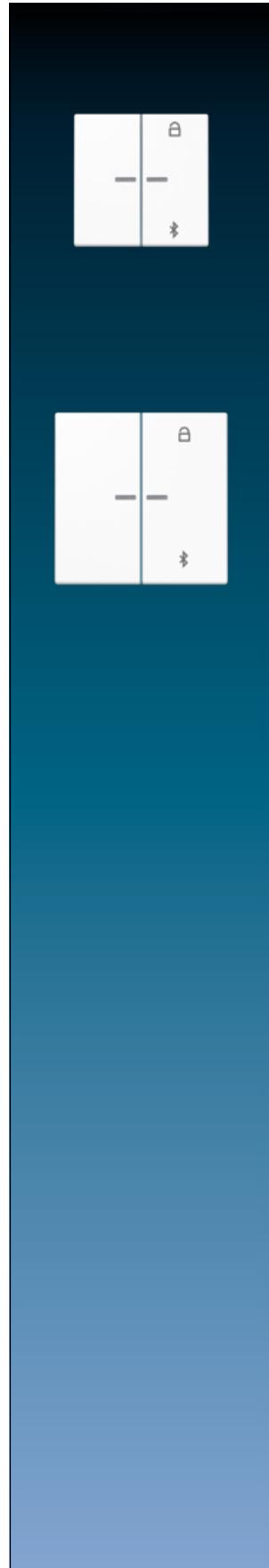
Universal timer Bluetooth "arrows"
for insert "blinds" ref.-no.: 1731 JE
for inserts "light" ref.-no.: 1701 SE, 1704 ESE, 1711 DE
Intended use
• Manual and time-controlled operation of Venetian blinds, shutters, awnings, lighting or fans
• Operation and programming with smartphone in combination with Clever Config App via Bluetooth
• Operation with switch, dimmer or blinds insert or satellite insert 3-wire

Product characteristics
Functions directly via cover
• Operation of blinds/shutters and lighting
• Activating / deactivating the disabling function
• Activating / deactivating automatic operation
• Running time and ventilation position of the blind/shutter can be saved
• Switch-on brightness or switch on to last brightness (with dimming insert) can be saved
• Night mode
Functions via Clever Config App
• Operation of blinds/shutters and lighting with status feedback
• Display of current blind/shutter position, dimming position or switching state
• Programming of up to 40 individual switching times
• Blind and slat positions or switching and dimming values can be saved for each switching time
• Possible to copy switching times to other universal timers Bluetooth
• Switching at sunrise and/or before sunset (astro function)
• Astro time by means of geolocation
• Astro time shift can be set for each switching time
• Automatic summer/winter time changeover, can be switched off
• Random function
• Automatic date and time update when connecting with smartphone
• Code request for protection for time programs and configuration possible
• Save a ventilation position, blind/shutter running time, slat change-over time and
  change-over time for direction change
• Switch to inverse operation for Venetian blind inserts possible
• Maximum brightness and minimum brightness for dimming insert can be set
• Sun protection and twilight function possible via optional brightness / temperature sensor
  ref.-no.: 1792 HT BT

Technical data

Ambient temperature:	–5 ... +45 °C
Stora/transport temperature:	–20 ... +70 °C
Accuracy per month:	± 10 s
The time is updated with every connection to the app.	
Power reserve:	approx. 4 h
Radio frequency:	2.402 ... 2.480 GHz
Transmitting power:	max. 2.5 mW (class 2)
Transmission range:	typical 10 m

	Ref.-no.
Universal timer Bluetooth "arrows"	
for A range	
Duroplastic lacquered	
aluminium	**A 1751 PBT AL**
Thermoplastic (breakproof) high-gloss	
white	**A 1751 BFPBT WW**
black	**A 1751 BFPBT SW**
matt lacquered	
matt snow white	**A 1751 BFPBT WWM**
matt graphite black	**A 1751 BFPBT SWM**
matt anthracite	**A 1751 BFPBT ANM**
for LS range	
Duroplastic (scratch-proof) glossy	
white	**LS 1751 PBT WW**
black	**LS 1751 PBT SW**
matt lacquered	
matt snow white	**LS 1751 PBT WWM**
matt graphite black	**LS 1751 PBT SWM**
metal versions	
aluminium	**AL 1751 PBT**
stainless steel	**ES 1751 PBT**
anthracite (aluminium lacquered)	**AL 1751 PBT AN**
dark (aluminium lacquered)	**AL 1751 PBT D**
classic brass	**ME 1751 PBT C**
antique brass	**ME 1751 PBT AT**

LB Management
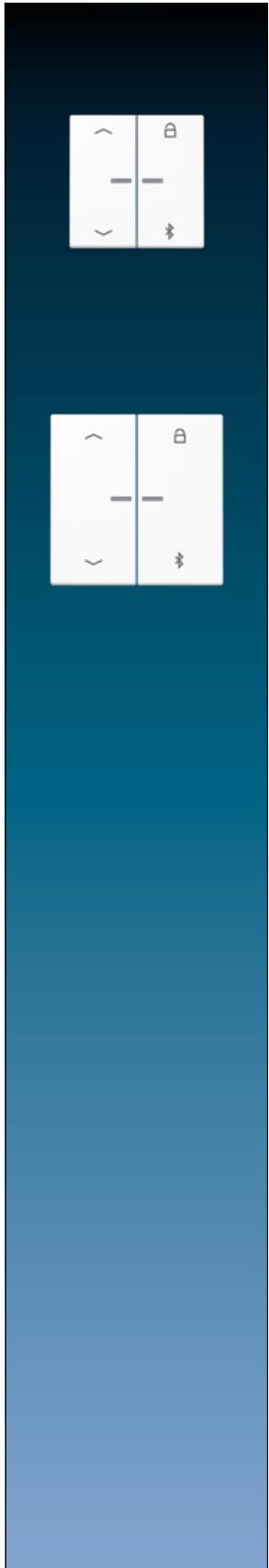
Universal automatic switch 1.1 m

for inserts "light" ref.-no.: 1701 SE, 1704 ESE, 1711 DE

Intended use
- Automatic switching of lighting depending on the thermal movement and ambient brightness
- Operation with flush-mounted insert for switching or dimming or satellite insert 3-wire

Product characteristics

Functions directly via cover
- Extension of the detection area in combination with 3-wire satellite insert
- Continuous on, Continuous off
- Operation with 2-wire or 3-wire satellite insert, rotary satellite insert or push-button
- Dimming insert can be dimmed via satellite insert
- Resetting to factory setting
- Screen for limiting the detection area

Functions via Clever Config App
- Brightness threshold adjustable
- Adjustment of the sensitivity of the PIR sensors
- Run-on time adjustable
- Continuous on, Continuous off
- On or Off for 0.5 - 5 hours
- Switch-off warning
- Dynamic run-on time
- Presence simulation
- Alarm function
- Timer function
- Operating lock
- Reduced basic sensitivity
- Automatic summer/winter time changeover
- Test operation
- Programming of up to 16 individual switching times

In combination with a switch insert
- Short-time operation

In combination with a dimmer insert
- Switch-on with last brightness or saved switch-on brightness
- Adjusting the minimum brightness
- Adjusting the maximum brightness
- Night light function

Technical data

Ambient temperature:	−20 ... +45 °C
Stora/transport temperature:	−25 ... +70 °C
Brightness setting:	approx. 5 ... 500 lx (and daytime operation)
Sensitivity:	0, 25, 50, 75, 100 %
Shut-off delay:	approx. 10 s ... 60 min
Mounting height:	1.10 m
Detection angle:	180°
Detection range	
Sensitivity 25 %:	max. 8 m
Sensitivity 50 %:	max. 13 m
Sensitivity 75 %:	max. 26 m
Sensitivity 100 %:	max. 32 m
Radio frequency:	2.402 ... 2.480 GHz
Transmitting power:	max. 2.5 mW (class 2)
Transmission range:	typical 10 m

	Ref.-no.
Universal automatic switch 1.1 m	
A range	
Thermoplastic (breakproof) high-gloss	
white	**A 17181 WW**
black	**A 17181 SW**
Thermoplastic (breakproof) lacquered	
aluminium	**A 17181 AL**
matt lacquered	
matt snow white	**A 17181 WWM**
matt graphite black	**A 17181 SWM**
matt anthracite	**A 17181 ANM**
LS range	
Thermoplastic (breakproof) high-gloss	
white	**LS 17181 WW**
black	**LS 17181 SW**
matt lacquered	
matt snow white	**LS 17181 WWM**
matt graphite black	**LS 17181 SWM**
metal colours (thermoplastic lacquered)	
aluminium	**AL 17181**
stainless steel	**ES 17181**
anthracite	**AL 17181 AN**
dark	**AL 17181 D**
classic brass	**ME 17181 C**
antique brass	**ME 17181 AT**

LB Management
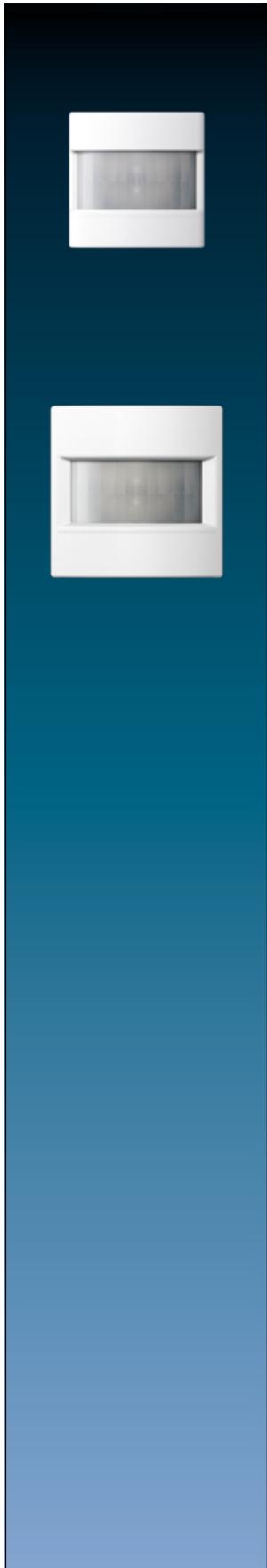
Universal automatic switch 2.2 m
for inserts "light" ref.-no.: 1701 SE, 1704 ESE, 1711 DE
Protection level IP 44 is ensured with sealing kit ref.-no. AS A 50 DS
and "IP 44 frame" of the respective design range.
IP 44 suitable for installation in interiors and exteriors
Intended use
• Automatic switching of lighting depending on the thermal movement and ambient brightness
• Operation with flush-mounted insert for switching or dimming or satellite insert 3-wire

Product characteristics
Functions directly via cover
• Extension of the detection area in combination with 3-wire satellite insert
• Continuous on, Continuous off
• Operation with 2-wire or 3-wire satellite insert, rotary satellite insert or push-button
• Dimming insert can be dimmed via satellite insert
• Resetting to factory setting
Functions via Clever Config App
• Brightness threshold adjustable
• Adjustment of the sensitivity of the PIR sensors
• Run-on time adjustable
• Continuous on, Continuous off
• On or Off for 0.5 - 5 hours
• Switch-off warning
• Dynamic run-on time
• Presence simulation
• Alarm function
• Timer function
• Operating lock
• Reduced basic sensitivity
• Automatic summer/winter time changeover
• Test operation
• Programming of up to 16 individual switching times
In combination with a switch insert
• Short-time operation
In combination with a dimmer insert
• Switch-on with last brightness or saved switch-on brightness
• Adjusting the minimum brightness
• Adjusting the maximum brightness
• Hotel function
• Night light function

Technical data

Ambient temperature:	–20 ... +45 °C		
Stora/transport temperature:	–25 ... +70 °C		
Brightness setting:	approx. 5 ... 500 lx (and daytime operation)		
Sensitivity:	0, 25, 50, 75, 100 %		
Shut-off delay:	approx. 10 s ... 60 min		
Mounting height:	1.10 / 2.20 m		
Detection angle:	180°		

Detection range (2.2 m mounting height)		Detection range (1.1 m mounting height)	
Sensitivity 25 %:	max. 7 m	Sensitivity 25 %:	max. 7 m
Sensitivity 50 %:	max. 11 m	Sensitivity 50 %:	max. 8 m
Sensitivity 75 %:	max. 13 m	Sensitivity 75 %:	max. 9 m
Sensitivity 100 %:	max. 15 m	Sensitivity 100 %:	max. 10 m

Radio frequency:	2.402 ... 2.480 GHz
Transmitting power:	max. 2.5 mW (class 2)
Transmission range:	typical 10 m

		Ref.-no.
Universal automatic switch 2.2 m		
A range		
Thermoplastic (breakproof) high-gloss		
white	IP	**A 17281 WW**
black	IP	**A 17281 SW**
Thermoplastic (breakproof) lacquered		
aluminium	IP	**A 17281 AL**
matt lacquered		
matt snow white	IP	**A 17281 WWM**
matt graphite black	IP	**A 17281 SWM**
matt anthracite	IP	**A 17281 ANM**
LS range		
Thermoplastic (breakproof) high-gloss		
white	IP	**LS 17281 WW**
black	IP	**LS 17281 SW**
matt lacquered		
matt snow white	IP	**LS 17281 WWM**
matt graphite black	IP	**LS 17281 SWM**
metal colours (thermoplastic lacquered)		
aluminium	IP	**AL 17281**
stainless steel	IP	**ES 17281**
anthracite	IP	**AL 17281 AN**
dark	IP	**AL 17281 D**
classic brass	IP	**ME 17281 C**
antique brass	IP	**ME 17281 AT**
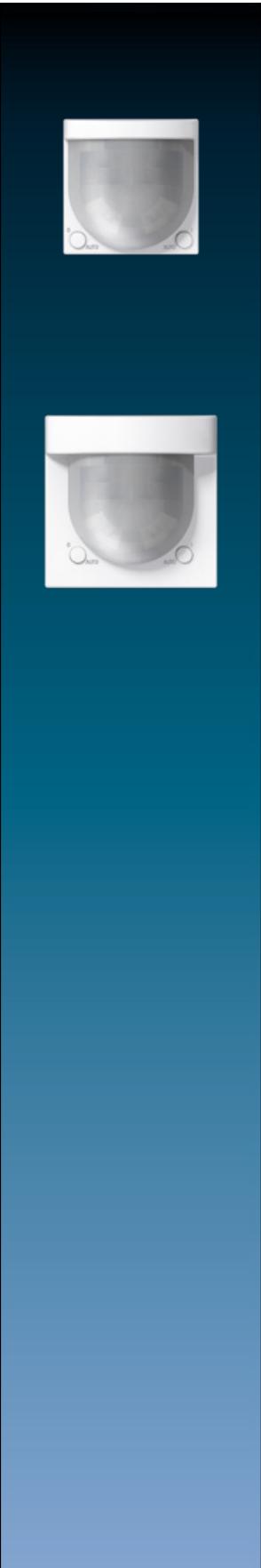
System inserts

	Ref.-no.

Room thermostat insert
with sensor connection
for displays ref.-no.: .. 1790 D ..

	1790 RTR

Intended use
• Switching of electric underfloor heating systems and electrothermal valve drives
• Operation with room temperature controller cover of the LB Management

Product characteristics
• Pulse width modulation (PWM) or two-point control (on/off)
• Enables connection of a remote sensor (ref.-no.: FF NTC 7.8)
• Input for switching to cooling mode
• Interrupts the heating process after 60 minutes (overheating protection of a heater)

Technical data
Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Stand-by power depending on the cover:	approx. 0.1 ... 0.5 W
Switching current 230 V AC1:	10 mA ... 16 A
Connected load:	max. 3,600 W
Connection	
single wire:	$1 \times 0.5 ... 4.0$ mm^2
	$2 \times 0.5 ... 2.5$ mm^2
stranded without ferrule:	$1 \times 0.5 ... 4.0$ mm^2
	$2 \times 0.5 ... 2.5$ mm^2
stranded with ferrule:	$1 \times 0.5 ... 4.0$ mm^2
	$2 \times 0.5 ... 1.5$ mm^2
Ambient temperature:	–5 ... +45 °C

External temperature sensor
for room thermostat ref.-no. 1790 RTR, TR D .. 1790 ..
spare part for floor thermostat ref.-no. FTR 231
The sensor cable can be connected using a bifilar cable of 1.5 mm^2
in diameter that is suitable for mains voltage.
When installed in a cable duct or near high voltage current cables,
a shielded cable must be used.

	FF NTC

Technical data
Dimensions (Ø x H):	7.8 x 20 mm
Cable length:	4 m (can be extended up to 50 m)
Protection level:	IP 67

Installation note: Use adapter frame (ref.-no.: BS 1980 APM)
for installation of JUNG inserts into BS wall boxes.

	Ref.-no.

Display standard for room temperature control
for room thermostat insert ref.-no.: 1790 RTR
for switch inserts ref.-no.: 1701 SE, 1704 ESE

Intended use
• Manual and time-controlled regulation of the room temperature
• Operation with room thermostat insert or switch insert

Product characteristics
• Real glass front
• 6 sensor buttons
• Timer with three memory areas
  Comfort and ECO time for Mo-Fr and Sa-Su in each memory area
• Setting a comfort, ECO, cooling and frost protection temperature
• Current time can be saved as switching time, quick programming
• Automatic summer/winter time changeover, can be switched off
• Illuminated segment display for easy reading
• Operating lock
• Optimised heating up (temperature is reached at the set time), can be switched off
• Adaptation to valves (normally open or normally closed)
• Cooling mode possible
• Supports internal and external temperature sensor
• Temperature drop detection (call-up of frost protection temperature when window is open)
• Offset adjustment (correction value for measured temperature)
• Controller output working method: pulse width modulation (PWM) or two-point
• Valve protection function (once a week opening and closing of valve, on Saturdays at 11 a.m.)
• Interrupts the heating process after 60 minutes for 5 minutes
• Heating / cooling, switch-over via insert input
• Display switches off after 2 minutes, permanent indication of set/actual temperature
  or current time possible

Technical data
Ambient temperature:	–5 ... +45 °C
Stora/transport temperature:	–20 ... +70 °C
Accuracy per month:	± 10 s
Power reserve:	> 4 h

A range
white	**A 1790 D WW**
black	**A 1790 D SW**

LS range
white	**LS 1790 D WW**
black	**LS 1790 D SW**

LB Management

	Ref.-no.

Room thermostat with display standard
consists of room thermostat insert (ref.-no.: 1790 RTR) and display (ref.-no.: .. 1790 D ..)

Technical data

Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Stand-by power depending on the cover:	approx. 0.1 ... 0.5 W
Switching current 230 V AC1:	10 mA ... 16 A
Connected load:	max. 3,600 W
Connection	
single wire:	1 x 0.5 ... 4.0 mm^2
	2 x 0.5 ... 2.5 mm^2
stranded without ferrule:	1 x 0.5 ... 4.0 mm^2
	2 x 0.5 ... 2.5 mm^2
stranded with ferrule:	1 x 0.5 ... 4.0 mm^2
	2 x 0.5 ... 1.5 mm^2
Ambient temperature:	–5 ... +45 °C
Accuracy per month:	± 10 s
Power reserve:	> 4 h

A range

white	**TR D A 1790 WW**
black	**TR D A 1790 SW**

LS range

white	**TR D LS 1790 WW**
black	**TR D LS 1790 SW**

Rotary dimmer

Installation note: Use adapter frame (ref.-no.: BS 1980 APM) for installation of JUNG inserts into BS wall boxes.

	Ref.-no.
Rotary dimmer universal LED incremental control without end position with satellite input	
	1731 DD

Intended use
• Switching and dimming of lighting
• Operation with suitable cover

Product characteristics
• Device works according to the leading edge phase control or trailing edge phase control principle
• Automatic or manual setting of the dimming principle suitable for the load
• Display of the set operating mode by means of LED
• Device can be operated without neutral conductor
• Switch-on via bulb-preserving soft start
• Switch-on with last brightness or saved switch-on brightness
• Switch-on brightness can be saved permanently
• Minimum brightness can be saved permanently
• Connection of satellite units possible
• Electronic short-circuit protection with permanent switch-off after 7 seconds at the latest
• Electronic over-temperature protection
• Optional accessory: compensation module LED, ref.-no.: KM LED 230 U

Technical data
Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Stand-by power:	approx. 0.35 W
Power loss:	approx. 4 W
Ambient temperature:	−5 ... +45 °C
Connected load at 25 °C	
Incandescent lamps:	20 ... 420 W
HV halogen lamps:	20 ... 420 W
Electronic transformers:	20 ... 420 W
Electronic transformers with LV LED:	typical 20 ... 100 W
Inductive transformers:	20 ... 420 VA
Inductive transformers with LV LED:	typical 20 ... 100 VA
Dimmable HV LED lamps:	typical 3 ... 100 W
Dimmable compact fluorescent lamps:	typical 3 ... 100 W

Operating mode LED trailing edge phase control: Rated power for HV LED lamps, typ. 3 ... 400 W, electronic transformers with LV LED typ. 20 ... 200 W.

Ohmic-capacitive:	20 ... 420 W
Capacitive-inductive:	not permitted
Ohmic-inductive:	20 ... 420 VA
Ohmic and HV LED:	typical 3 ... 100 W
Ohmic and CFL:	typical 3 ... 100 W
Amplifiers:	see instructions for amplifier
Connection:	screw terminals
single wire:	1 x 0.5 ... 4.0 mm²
	2 x 0.5 ... 2.5 mm²
stranded without ferrule:	1 x 0.5 ... 4.0 mm²
	2 x 0.5 ... 2.5 mm²
stranded with ferrule:	1 x 0.5 ... 4.0 mm²
	2 x 0.5 ... 1.5 mm²
Number of satellite units	
Push-buttons:	unlimited
Total length of extension unit cable:	max. 100 m
Total length power cable:	max. 100 m

A 550, A FLOW
LS DESIGN

	Ref.-no.
Centre plate with knob	
A range	
Thermoplastic (breakproof) high-gloss	
white	L **A 1740 BF WW**
black	L **A 1740 BF SW**
Duroplastic lacquered	
aluminium	P L **A 1740 AL**
matt lacquered	
matt snow white	**A 1740 BF WWM**
matt graphite black	**A 1740 BF SWM**
matt anthracite	**A 1740 BF ANM**
LS range	
Duroplastic (scratch-proof) glossy	
white	P **LS 1740 WW**
black	**LS 1740 SW**
matt lacquered	
matt snow white	**LS 1740 WWM**
matt graphite black	**LS 1740 SWM**
metal versions	
aluminium	P L **AL 1740**
stainless steel	L **ES 1740**
anthracite (aluminium lacquered)	**AL 1740 AN**
dark (aluminium lacquered)	**AL 1740 D**
classic brass	P **ME 1740 C**
antique brass	**ME 1740 AT**

	Ref.-no.
Room thermostat (1-way NC contact) 230 V	
for covers ref.-no.: .. 1749 ..	
	RTR 230

Intended use
- Electronic room thermostat for controlling electrothermal valve drives for 230 V ~
  (e.g. ref.-no.: TSA 230 NC WW)
- Room temperature control in enclosed areas
- Installation in flush box according to EN 60670-1

Product characteristics
- Manually setting a comfort temperature
- Temperature limit of comfort temperature can be set
- Internal temperature sensor
- Noiseless switching
- Controller output working method: pulse width modulation (PWM)
- Operation with valve type "normally closed"
- Valve protection function (once a week opening and closing of valve)

Technical data
Connected load:	20 W
Stand-by power:	< 0.5 W
Temperature range:	approx. +5 ... +30 °C
Mounting height:	1.50 m
Number of valve drives:	1 ... 10
Ambient temperature:	−5 ... +45 °C
Stora/transport temperature:	−25 ... +70 °C

Temperature Management

	Ref.-no.

Room thermostat (heating/cooling) 230 V
for covers ref.-no.: .. 1749 ..

	RTR 231

Intended use
- Electronic room thermostat for controlling electrothermal valve drives for 230 V ~ (e.g. ref.-no.: TSA 230 NC WW)
- Room temperature control in enclosed areas

Product characteristics
- Manually setting a comfort temperature
- Temperature limit of comfort temperature can be set
- Manually switching off the temperature control
- Input terminal for activation of reduction temperature (ECO) via central clock
- Input terminal for activation of cooling via central control
- Manual activation of cooling
- Internal temperature sensor
- Frost protection function
- Noiseless switching
- Temperature drop detection (call-up of frost protection temperature when window is open)
- Controller output working method: pulse width modulation (PWM) or two-point
- Adaptation to valves (normally open or normally closed)
- Offset adjustment ± 3 °C (correction value for measured temperature)
- Valve protection function (once a week opening and closing of valve)
- Multi-colour status LED
- Continuous operation of LED possible

Technical data
Switching current:	max. 100 mA
Connected load:	20 W
Stand-by power:	< 0.5 W
Temperature range:	approx. +5 ... +30 °C
Mounting height:	1.50 m
Number of valve drives:	1 ... 10
Cable length:	max. 100 m
Ambient temperature:	−5 ... +45 °C
Stora/transport temperature:	−25 ... +70 °C

	Ref.-no.
Room thermostat (heating/cooling) 24 V	
for covers ref.-no.: .. 1749 ..	
	RTR 241

Intended use
- Electronic room thermostat for controlling electrothermal valve drives for AC 24 V
  (e.g. ref.-no.: TSA 24 NC WW)
- Room temperature control in enclosed areas

Product characteristics
- Manually setting a comfort temperature
- Temperature limit of comfort temperature can be set
- Manually switching off the temperature control
- Input terminal for activation of reduction temperature (ECO) via central clock
- Input terminal for activation of cooling via central control
- Manual activation of cooling
- Internal temperature sensor
- Frost protection function
- Noiseless switching
- Temperature drop detection (call-up of frost protection temperature when window is open)
- Controller output working method: pulse width modulation (PWM) or two-point
- Adaptation to valves (normally open or normally closed)
- Offset adjustment ± 3 °C (correction value for measured temperature)
- Valve protection function (once a week opening and closing of valve)
- Multi-colour status LED
- Continuous operation of LED possible

Technical data
Rated voltage: AC 24 V SELV (± 10%)
Mains frequency: 50/60 Hz
Switching current: max. 1 A
Connected load: max. 24 W
Stand-by power: max. 0.1 W
Temperature range: approx. +5 ... +30 °C
Mounting height: 1.50 m
Number of valve drives: 1 ... 5
Ambient temperature: –5 ... +45 °C
Stora/transport temperature: –25 ... +70 °C

Temperature Management

	Ref.-no.
Floor thermostat	
for covers ref.-no.: .. 1749 ..	
	FTR 231

Intended use
- Electronic thermostat for controlling electric underfloor heating systems
- Floor temperature control in enclosed areas

Product characteristics
- Manually setting a floor comfort temperature
- Temperature limit of comfort temperature can be set
- Manually switching off the temperature control
- Input terminal for activation of reduction temperature (ECO) via central clock
- External sensor (ref.-no.: FF NTC) included in the scope of delivery
- Noiseless switching
- Frost protection function
- Feedback via status LED if external temperature sensor malfunctions
- Controller output working method: pulse width modulation (PWM) or two-point
- Interruption of continuous heating after one hour for 5 minutes
- Offset adjustment ± 3 °C (correction value for measured temperature)
- Multi-colour status LED
- Continuous operation of LED possible

Technical data

Switching current:	10 A
Temperature range:	approx. +5 ... +50 °C
Mounting height:	1.50 m
Connected load	
Ohmic load:	2300 W
Stand-by power:	max. 0.15 W
Ambient temperature:	−5 ... +45 °C
Stora/transport temperature:	−25 ... +70 °C

	Ref.-no.
Centre plate	
for room thermostats ref.-no.: RTR 230, RTR 231, RTR 241	
for floor thermostat ref.-no.: FTR 231	
A range	
Thermoplastic (breakproof) high-gloss	
white	**A 1749 BF WW**
black	**A 1749 BF SW**
Thermoplastic (breakproof) lacquered	
aluminium	**A 1749 BF AL**
matt lacquered	
matt snow white	**A 1749 BF WWM**
matt graphite black	**A 1749 BF SWM**
matt anthracite	**A 1749 BF ANM**
LS range	
Thermoplastic (breakproof) high-gloss	
white	**LS 1749 BF WW**
black	**LS 1749 BF SW**
matt lacquered	
matt snow white	**LS 1749 BF WWM**
matt graphite black	**LS 1749 BF SWM**
metal versions	
aluminium	**AL 1749**
stainless steel	**ES 1749**
anthracite (aluminium lacquered)	**AL 1749 AN**
dark (aluminium lacquered)	**AL 1749 D**
classic brass	**ME 1749 C**
antique brass	**ME 1749 AT**

Temperature Management

	Ref.-no.
Thermal valve drive 230 V	
	TSA 230 NC WW

Intended use
- Thermal valve drive for operation of heating valves for individual room control
- For controllers and thermostats with switched output, 2-point regulation or pulse width modulation (PWM)

Product characteristics
- Normally closed (NC)
- With thermal extension element
- Forceless installation onto the valve using first-open function
- Re-open function: possible to open valve drive manually if required
- Visible position indication
- Noiseless
- Maintenance-free
- Including two adapters for adjusting closing dimension from 10.8 mm to 10.2 mm and 8.4 mm

Technical data
Rated voltage:	AC 230 V ~ (± 15 %)
Mains frequency:	50/60 Hz
Power consumption during operation:	1.7 W
Switch-on current:	150 mA
Valve lift:	max. 4.5 mm
Operating temperature at valve:	max. 100 °C
Run time for 4.5 mm valve lift:	approx. 3.5 min
Thrust power:	max. 110 N
Thread:	M 30 x 1.5
Closing dimension:	10.8 mm
Colour:	white (similar RAL 9016)
Mounting position:	all positions possible
Cable length:	1 m
Cable type:	PVC, 2 x 0.75 mm, white, H05
Protection class:	II
Protection level:	IP 54 (EN 60730-1)
Relative humidity:	max. 85 % (no condensation)
Ambient temperature:	0 ... +50 °C
Stora/transport temperature:	−25 ... +70 °C

Ref.-no.

Thermal valve drive 24 V

TSA 24 NC WW

Intended use
• Thermal valve drive for operation of heating valves for individual room control
• For controllers and thermostats with switched output, 2-point regulation
  or pulse width modulation (PWM)

Product characteristics
• Normally closed (NC)
• With thermal extension element
• Forceless installation onto the valve using first-open function
• Re-open function: possible to open valve drive manually if required
• Visible position indication
• Noiseless
• Maintenance-free
• Including two adapters for adjusting closing dimension from 10.8 mm to 10.2 mm and 8.4 mm

Technical data
Rated voltage:	AC 24 V ~ (± 20 %)
Mains frequency:	50/60 Hz
Rated voltage:	DC 24 V (± 20 %)
Power consumption during operation:	1.6 W
Switch-on current:	200 mA
Valve lift:	max. 4.5 mm
Operating temperature at valve:	max. 100 °C
Run time for 4.5 mm valve lift:	approx. 4.5 min
Thrust power:	max. 110 N
Thread:	M 30 x 1.5
Closing dimension:	10.8 mm
Colour:	white (similar RAL 9016)
Mounting position:	all positions possible
Cable length:	1 m
Cable type:	PVC, 2 x 0.75 mm, white, H05
Protection class:	III
Protection level:	IP 54 (EN 60730-1)
Relative humidity:	max. 85 % (no condensation)
Ambient temperature:	0 ... +50 °C
Stora/transport temperature:	−25 ... +70 °C
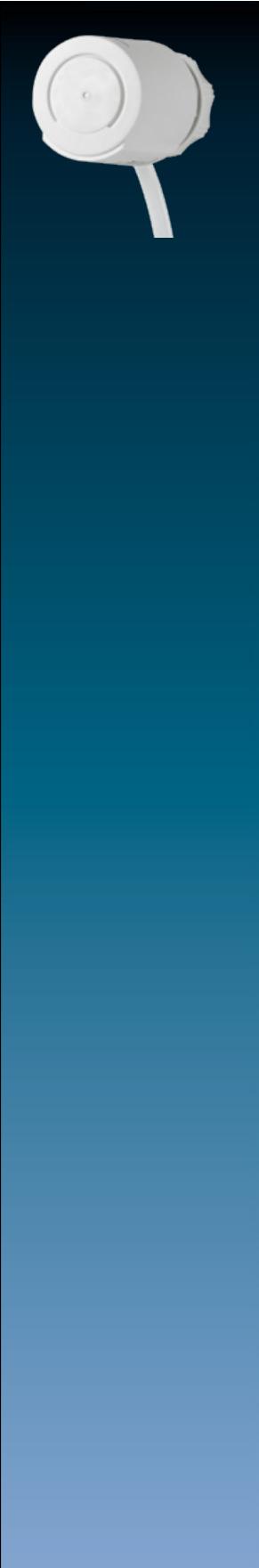
Sockets

	Ref.-no.
Switched socket insert	
screw terminals for wires up to 4 mm^2	
1-gang	
2-pole, 13 A 250 V ~	
without indicator light	**BS 2171 EINS**

Centre plates for A 550 / A FLOW

Centre plate
only in combination with frames ref.-no. A 5581 .., AF 581 ..

Duroplastic lacquered	
aluminium	**A 3171 AL PL**
Thermoplastic (breakproof) high-gloss	
white	**A 3171 BF WW PL**
black	**A 3171 BF SW PL**
matt lacquered	
matt snow white	**A 3171 BF WWM PL**
matt graphite black	**A 3171 BF SWM PL**
matt anthracite	**A 3171 BF ANM PL**

Centre plates for LS DESIGN (special BS frame)

Centre plate
only in combination with frames ref.-no. BS 2181 ..

Duroplastic (scratch-proof) glossy	
white	**BS 2171 WW PL**
black	**BS 2171 SW PL**
matt lacquered	
matt snow white	**BS 2171 WWM PL**
matt graphite black	**BS 2171 SWM PL**
metal versions	
aluminium	**BS 2171 AL PL**
stainless steel	**BS 2171 ES PL**
anthracite (aluminium lacquered)	**BS 2171 AN PL**
dark (aluminium lacquered)	**BS 2171 ALD PL**
classic brass	**BS 2171 MEC PL**
antique brass	**BS 2171 MEAT PL**

	Ref.-no.
Switched socket insert	
screw terminals for wires up to 4 mm²	
1-gang	
2-pole, 13 A 250 V ~	
with indicator light	**BS 2171 KO EINS**

Centre plates for A 550 / A FLOW

Centre plate
only in combination with frames ref.-no. A 5581 .., AF 581 ..

Duroplastic lacquered	
aluminium	**A 3171 KO AL PL**
Thermoplastic (breakproof) high-gloss	
white	**A 3171 BFKO WW PL**
black	**A 3171 BFKO SW PL**
matt lacquered	
matt snow white	**A 3171 BFKO WWM PL**
matt graphite black	**A 3171 BFKO SWM PL**
matt anthracite	**A 3171 BFKO ANM PL**

Centre plates for LS DESIGN (special BS frame)

Centre plate
only in combination with frames ref.-no. BS 2181 ..

Duroplastic (scratch-proof) glossy	
white	**BS 2171 KO WW PL**
black	**BS 2171 KO SW PL**
matt lacquered	
matt snow white	**BS 2171 KO WWM PL**
matt graphite black	**BS 2171 KO SWM PL**
metal versions	
aluminium	**BS 2171 KO AL PL**
stainless steel	**BS 2171 KO ES PL**
anthracite (aluminium lacquered)	**BS 2171 KO AN PL**
dark (aluminium lacquered)	**BS 2171 KO ALD PL**
classic brass	**BS 2171 KO MEC PL**
antique brass	**BS 2171 KO MEAT PL**

Sockets

	Ref.-no.
Socket insert	
screw terminals for wires up to 4 mm^2	
1-gang	
2-pole, 13 A 250 V ~	
without switch	**BS 2521 EINS**

Centre plates for A 550 / A FLOW

only in combination with frames ref.-no. A 5581 .., AF 581 ..

Duroplastic (scratch-proof) glossy	
white	**A 3521 WW PL**
black	**A 3521 SW PL**
Duroplastic lacquered	
aluminium	**A 3521 AL PL**

Centre plates for LS DESIGN (special BS frame)

only in combination with frames ref.-no. BS 2181 ..

Duroplastic (scratch-proof) glossy	
white	**BS 2521 WW PL**
black	**BS 2521 SW PL**
matt lacquered	
matt snow white	**BS 2521 WWM PL**
matt graphite black	**BS 2521 SWM PL**
metal versions	
aluminium	**BS 2521 AL PL**
stainless steel	**BS 2521 ES PL**
anthracite (aluminium lacquered)	**BS 2521 AN PL**
dark (aluminium lacquered)	**BS 2521 ALD PL**
classic brass	**BS 2521 MEC PL**
antique brass	**BS 2521 MEAT PL**

	Ref.-no.
Switched socket insert	
screw terminals for wires up to 4 mm²	
2-gang	
2-pole, 13 A 250 V ~	
without indicator light	**BS 2172 EINS**

Centre plates
for A 550 / A FLOW
only in combination with 2-gang frames ref.-no. A 5582-0 .., AF 582-0 ..

Thermoplastic (breakproof) high-gloss	
white	**A 2172 WW PL**
black	**A 2172 SW PL**
Thermoplastic (breakproof) lacquered	
aluminium	**A 2172 AL PL**
matt lacquered	
matt snow white	**A 2172 WWM PL**
matt graphite black	**A 2172 SWM PL**
matt anthracite	**A 2172 ANM PL**

for LS DESIGN (special BS frame)
only in combination with 2-gang frames ref.-no. BS 2182 ..

Duroplastic (scratch-proof) glossy	
white	**BS 2172 WW PL**
black	**BS 2172 SW PL**
matt lacquered	
matt snow white	**BS 2172 WWM PL**
matt graphite black	**BS 2172 SWM PL**
metal versions	
aluminium	**BS 2172 AL PL**
stainless steel	**BS 2172 ES PL**
anthracite (aluminium lacquered)	**BS 2172 AN PL**
dark (aluminium lacquered)	**BS 2172 ALD PL**
classic brass	**BS 2172 MEC PL**
antique brass	**BS 2172 MEAT PL**

A 2172 .. PL   BS 2172 .. PL

Sockets

	Ref.-no.
Switched socket insert	
screw terminals for wires up to 4 mm^2	
2-gang	
2-pole, 13 A 250 V ~	
with indicator light	**BS 2172 KO EINS**

	Ref.-no.
Centre plates	
for A 550 / A FLOW	
only in combination with 2-gang frames ref.-no. A 5582-0 .., AF 582-0 ..	
Thermoplastic (breakproof) high-gloss	
white	**A 2172 KO WW PL**
black	**A 2172 KO SW PL**
Thermoplastic (breakproof) lacquered	
aluminium	**A 2172 KO AL PL**
matt lacquered	
matt snow white	**A 2172 KO WWM PL**
matt graphite black	**A 2172 KO SWM PL**
matt anthracite	**A 2172 KO ANM PL**
for LS DESIGN (special BS frame)	
only in combination with 2-gang frames ref.-no. BS 2182 ..	
Duroplastic (scratch-proof) glossy	
white	**BS 2172 KO WW PL**
black	**BS 2172 KO SW PL**
matt lacquered	
matt snow white	**BS 2172 KO WWM PL**
matt graphite black	**BS 2172 KO SWM PL**
metal versions	
aluminium	**BS 2172 KO AL PL**
stainless steel	**BS 2172 KO ES PL**
anthracite (aluminium lacquered)	**BS 2172 KO AN PL**
dark (aluminium lacquered)	**BS 2172 KO ALD PL**
classic brass	**BS 2172 KO MEC PL**
antique brass	**BS 2172 KO MEAT PL**

A 2172 KO .. PL   **BS 2172 KO .. PL**

	Ref.-no.

Socket insert
screw terminals for wires up to 4 mm²
2-gang
2-pole, 13 A 250 V ~

without switch	**BS 2522 EINS**
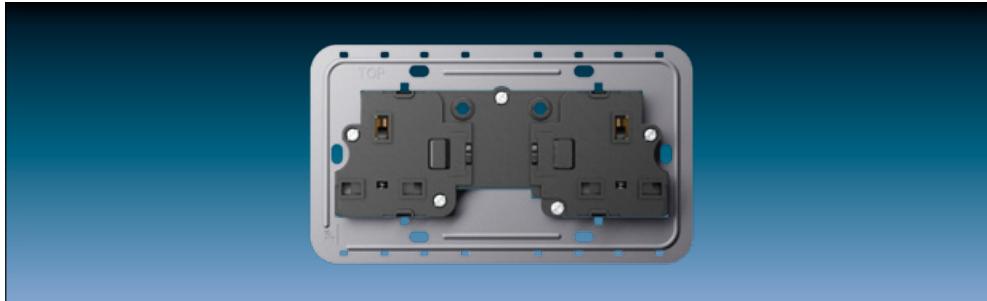
Centre plates
for LS DESIGN (special BS frame)

only in combination with 2-gang frames ref.-no. BS 2182 ..

Duroplastic (scratch-proof) glossy

white	**BS 2522 WW PL**
black	**BS 2522 SW PL**
matt lacquered	
matt snow white	**BS 2522 WWM PL**
matt graphite black	**BS 2522 SWM PL**
metal versions	
aluminium	**BS 2522 AL PL**
stainless steel	**BS 2522 ES PL**
anthracite (aluminium lacquered)	**BS 2522 AN PL**
dark (aluminium lacquered)	**BS 2522 ALD PL**
classic brass	**BS 2522 MEC PL**
antique brass	**BS 2522 MEAT PL**

BS 2522 .. PL
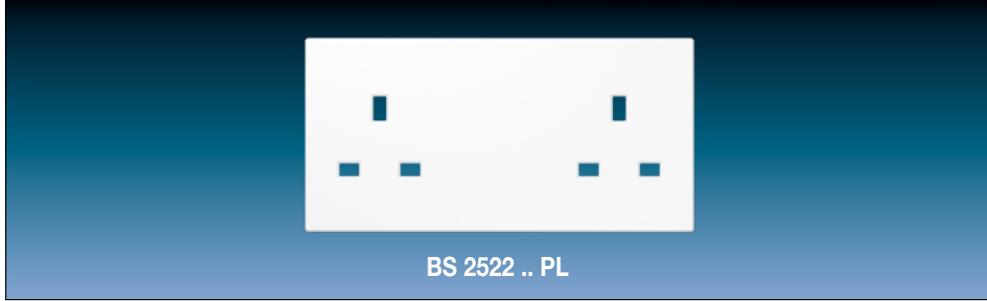
Sockets

	Ref.-no.
Socket insert	
screw terminals for wires up to 4 mm^2	
2-pole, 5 A 250 V ~	
	BS 2171-5 EINS

Centre plates
for A 550 / A FLOW

only in combination with frames ref.-no. A 5581 .., AF 581 ..

Duroplastic (scratch-proof) glossy	
black	**A 3171-5 SW PL**
Duroplastic lacquered	
aluminium	**A 3171-5 AL PL**
Thermoplastic (breakproof) high-gloss	
white	**A 3171-5 BF WW PL**
matt lacquered	
matt snow white	**A 3171-5 WWM PL**
matt graphite black	**A 3171-5 SWM PL**
matt anthracite	**A 3171-5 BF ANM PL**
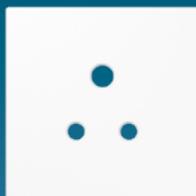
for LS DESIGN (special BS frame)

only in combination with frames ref.-no. BS 2181 ..

Duroplastic (scratch-proof) glossy	
white	**BS 2171-5 WW PL**
black	**BS 2171-5 SW PL**
matt lacquered	
matt snow white	**BS 2171-5 WWM PL**
matt graphite black	**BS 2171-5 SWM PL**
metal versions	
aluminium	**BS 2171-5 AL PL**
stainless steel	**BS 2171-5 ES PL**
anthracite (aluminium lacquered)	**BS 2171-5 AN PL**
dark (aluminium lacquered)	**BS 2171-5 ALD PL**
classic brass	**BS 2171-5 MEC PL**
antique brass	**BS 2171-5 MEAT PL**

Switched cable unit with fuse

	Ref.-no.
Switched cable unit with fuse	
screw terminals for wires up to 4 mm^2	
1-gang	
with indicator light	
2-pole, 13 A 250 V ~	
	BS 2190 CU KO EINS

Centre plates
for A 550 / A FLOW

only in combination with frames ref.-no. A 5581 .., AF 581 ..

white	**A 3190 CU KO WW PL**
black	**A 3190 CU KO SW PL**
aluminium	**A 3190 CU KO AL PL**
matt lacquered	
matt snow white	**A 3190 CU KO WWM PL**
matt graphite black	**A 3190 CU KO SWM PL**

for LS DESIGN (special BS frame)

only in combination with frames ref.-no. BS 2181 ..

white (aluminium lacquered)	**BS 2190 CU KO WW PL**
black (aluminium lacquered)	**BS 2190 CU KO SW PL**
metal versions	
aluminium	**BS 2190 CU KO AL PL**
stainless steel	**BS 2190 CU KO ES PL**
anthracite (aluminium lacquered)	**BS 2190 CU KO AN PL**
dark (aluminium lacquered)	**BS 2190 CU KO ALD PL**
classic brass	**BS 2190 CU KO MEC PL**
antique brass	**BS 2190 CU KO MEAT PL**

A 550

	Ref.-no.
Frame, 1-gang	
Thermoplastic (breakproof) high-gloss	
white	Ⓛ **A 5581 BF WW**
black	Ⓛ **A 5581 BF SW**
Thermoplastic (breakproof) lacquered	
aluminium	Ⓟ Ⓛ **A 5581 BF AL**
matt snow white	**A 5581 BF WWM**
matt graphite black	**A 5581 BF SWM**
matt anthracite	**A 5581 BF ANM**
Frame, 2-gang without crossbar	
Thermoplastic (breakproof) high-gloss	
white	Ⓛ **A 5582-0 BF WW**
black	Ⓛ **A 5582-0 BF SW**
Thermoplastic (breakproof) lacquered	
aluminium	Ⓟ Ⓛ **A 5582-0 BF AL**
matt snow white	**A 5582-0 BF WWM**
matt graphite black	**A 5582-0 BF SWM**
matt anthracite	**A 5582-0 BF ANM**

A 5582-0 BF WW

A 5582-0 BF SW
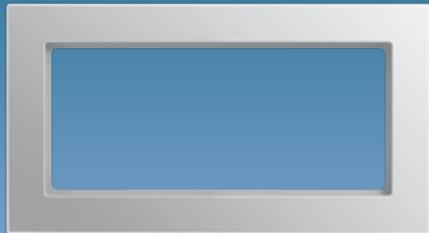
A 5582-0 BF AL

	Ref.-no.
Frame, 1-gang	
Thermoplastic (breakproof) high-gloss	
white	L AF 581 BF WW
black	L AF 581 BF SW
Thermoplastic (breakproof) lacquered	
aluminium	P L AF 581 BF AL
matt snow white	AF 581 BF WWM
matt graphite black	AF 581 BF SWM
matt anthracite	AF 581 BF ANM

|	Ref.-no.
Frame, 2-gang without crossbar	
Thermoplastic (breakproof) high-gloss	
white	L AF 582-0 BF WW
black	L AF 582-0 BF SW
Thermoplastic (breakproof) lacquered	
aluminium	P L AF 582-0 BF AL
matt snow white	AF 582-0 BF WWM
matt graphite black	AF 582-0 BF SWM
matt anthracite	AF 582-0 BF ANM

AF 582-0 BF WW

AF 582-0 BF SW

AF 582-0 BF AL
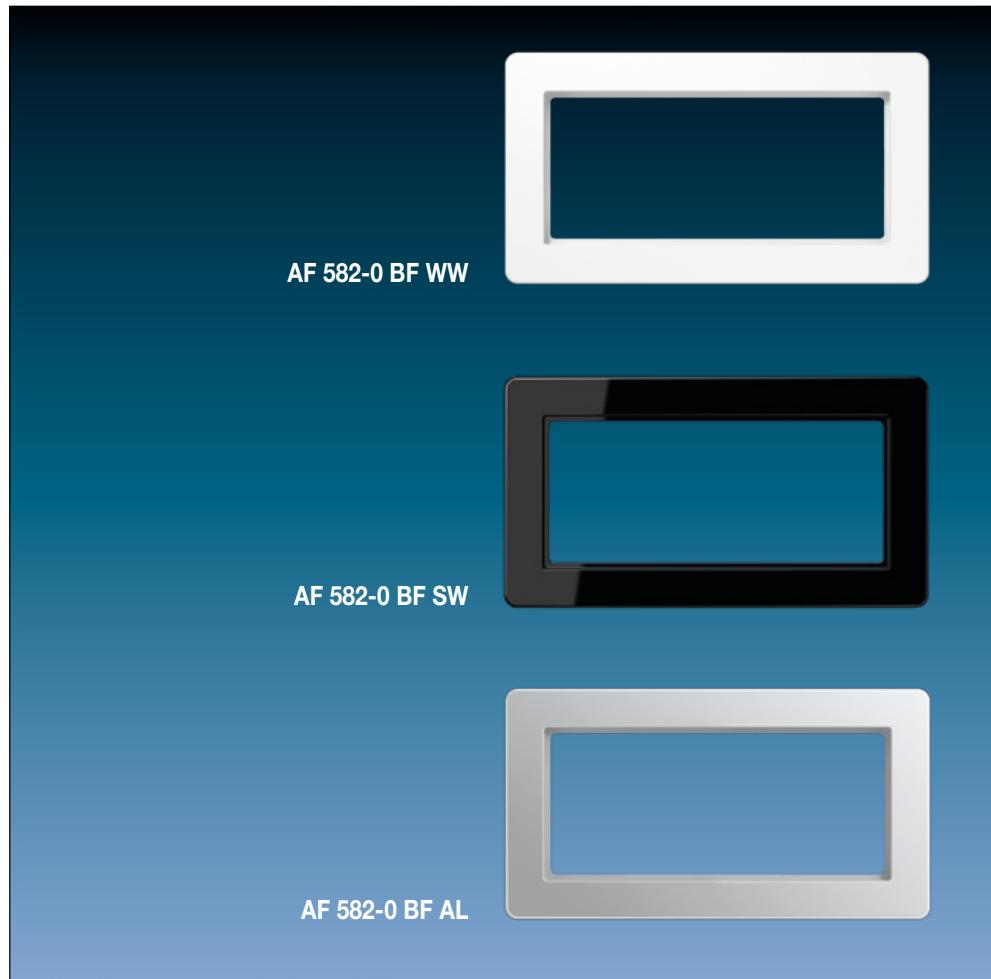
LS DESIGN

	Ref.-no.
Frames LS DESIGN (special BS frames)	
Frames suitable for British products (use compatible supporting frame)	
Frame, 1-gang	
Thermoplastic (breakproof) high-gloss	
white	**BS 2181 WW**
black	**BS 2181 SW**
metal versions	
aluminium	**BS 2181 AL**
dark (aluminium lacquered)	**BS 2181 ALD**
stainless steel	**BS 2181 ES**
anthracite (aluminium lacquered)	**BS 2181 AN**
classic brass	**BS 2181 MEC**
antique brass	**BS 2181 MEAT**
Frame, 2-gang	
Thermoplastic (breakproof) high-gloss	
white	**BS 2182 WW**
black	**BS 2182 SW**
metal versions	
aluminium	**BS 2182 AL**
dark (aluminium lacquered)	**BS 2182 ALD**
stainless steel	**BS 2182 ES**
anthracite (aluminium lacquered)	**BS 2182 AN**
classic brass	**BS 2182 MEC**
antique brass	**BS 2182 MEAT**

BS 2182 WW

BS 2182 SW

BS 2182 AL

Follow the inspiration
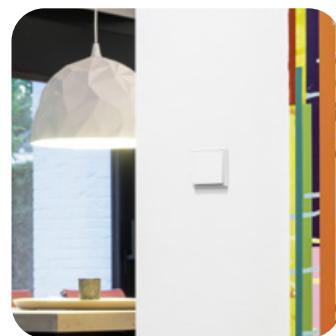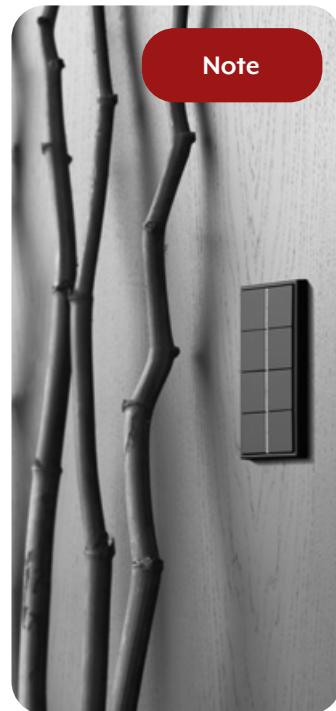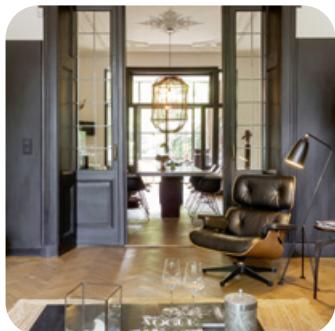
Those always on the lookout for new ideas and inspiration will follow JUNG on Pinterest and Instagram. Inspiring designs and fascinating technology staged in high quality: there is much to discover via these channels.

PINTEREST

INSTAGRAM

JUNG Design:
Purism and elegance

© FRANKLIN FRANKLIN PHOTOGRAPHY UK

The architectural firm Arney Fender Katsalidis created an exclusive residential complex in the London borough of Hammersmith and Fulham. The furnished luxury apartments Chelsea Island are characterised by clear forms and large glass windows with a synergy between the inside and the outside as a central element.
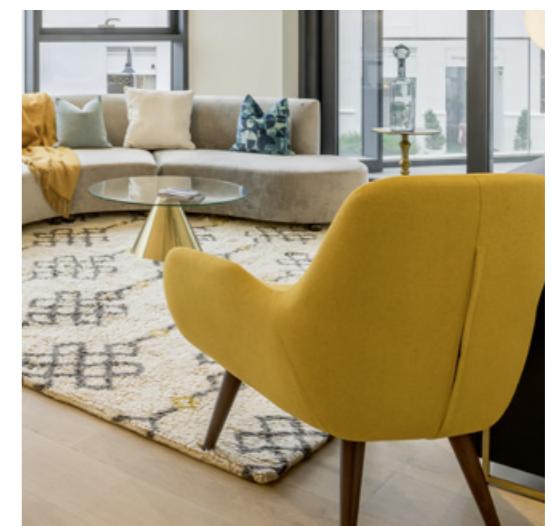
89 one- to four-room apartments, including eight penthouses, are located on a spacious area of around 5,000 square metres. Every apartment is flooded with natural light and offers a view of the Thames and the City of London. On the sixth floor, garden designer Neill Strain has created a private garden that offers a panoramic view of the desirable Chelsea Harbour area.

The interior design of the Chelsea Island apartments is a homage to British under-statement. The style is purist and elegant – the best of British tradition and British lifestyle interpreted in a modern way. Comfort, atten-tion to detail, elegance and pleasure are the four attributes that combine the charm of traditional British interior design in this building project.

JUNG Brand Store London

© FRANKLIN FRANKLIN PHOTOGRAPHY UK

Experience aesthetics in the heart of Clerkenwell, London –
an architectural melting pot. Roman heritage, Georgian house
fronts, modern skyscrapers define the cityscape just like
Victorian bay and sash windows.

Architecture icons like Lord Norman Foster and Zaha Hadid set up their offices here. The London architecture scene is characterised by innovation and internationality – a familiar setting for JUNG. In the creative district of Clerkenwell the German premium manufacturer of modern building technology opened its first showroom in the United Kingdom. JUNG's design apartment shows its high-quality products and individual solutions to potential customers.

JUNG UK, BRANDSTORE LONDON
6/7 Albemarle Way
Farringdon
London EC1V 4JB

JUNG.DE/UK

Individual switches and push-buttons

LASER ENGRAVING

The laser engraving also converts the contours of symbols, texts and ornaments due to the precise removal of the surface.

COLOUR PRINTING

The wear-resistant colour printing process offers many possibilities for individual design.

LABELLING

Clear and explicit: Labelling fields can be identified using labelling.

JUNG products gain individuality with the GRAPHIC TOOL at www.jung.de/gt. Depending on product, material and personal requirements, laser engraving, colour printing or labelling are used. Using text, symbols and motifs, an individual design can be achieved and the functions behind them become clearer.

LS Design in aluminium
with "Out of Africa" laser engraving
by Alexander Brenner Architects

JUNG

ALBRECHT JUNG GMBH & CO. KG

P.O. Box 1320
58569 Schalksmühle
Germany
Phone +49 2355 806-0
Fax   +49 2355 806-204
international@jung.de

For sales contacts in your country see:
jung-group.com/contact

JUNG-GROUP.COM