JUNG

JUNG HOME.
JUST SMART.

EN 23

JUNG
HOME

Contents

Available from April 2023.   **JUNG.DE/JUNGHOME**

You are the professionals for an intelligent home

The demands on the home are growing: Alongside the desire for more convenience, the efficient use of energy and the reduction of running costs are gaining in importance. Also, the awareness of the reduction of CO_2 emissions is continuously increasing. In order to meet these customer requirements, a building has to be networked.

90 percent of the installations for new buildings and restorations are carried out conventionally – a huge potential for smart solutions. We will show you how easy the digitalisation of a building can be, such as installing sockets and switches. Everything that is needed is the right technology and an expert like you.

Smart home is everything but complicated!

JUNG HOME

JUNG HOME – the digital infrastructure for your home

With JUNG HOME, we have developed a simple system for you to smartify buildings. It is based on the conventional 230-volt installation. With this, every home, whether old or new, already fulfills the requirements for a digital infrastructure.

Your advantages at a glance:
· classic planning, cabling and mounting
· no devices needed in the distribution box
· flush-mounted system inserts are chosen as required
  and installed in the normal way
· covers are attached and are immediately functional
· the whole system works locally without
  Internet connection or server
· for commissioning, a smartphone
  with the JUNG HOME app is sufficient
· the home is immediately "smart home ready"

Digital instead of mechanical: the JUNG system inserts use the existing 3 x 1.5 mm² cabling.

No server,
no Internet,
no hammer drill.
That is smart!

JUNG HOME

Securely networked in the switch design

JUNG HOME devices are connected using Bluetooth® SIG Mesh. Due to the automatic encryption, the world-wide standard makes the wireless data transmission particularly secure.

The Bluetooth® Mesh technology makes setting up of a decentralised, wireless network possible. JUNG HOME devices such as push-buttons and sockets are both transmitters and receivers at the same time. They communicate with each other using a high level of encryption (AES-128). Commands transmitted move over the network from device to device until they reach their target. This allows communication that goes significantly beyond the direct wireless range. Bluetooth mesh works completely without the Internet or a server. The data remain in-house.

JUNG HOME is scalable. That means: you can easily extend it. Function for function. Room for room. Floor for floor. In this way, you can implement small to large applications. Even the configuration does not need Internet access. You teach-in every device with a smartphone and the JUNG HOME app and also configure it with them. Once the system is configured, you can simply transfer the project to other people.

The smart JUNG HOME components look no different to the familiar JUNG switches and sockets at first glance. The operation is easy and intuitive, the integration into existing installations harmonious.

Bluetooth® MESH
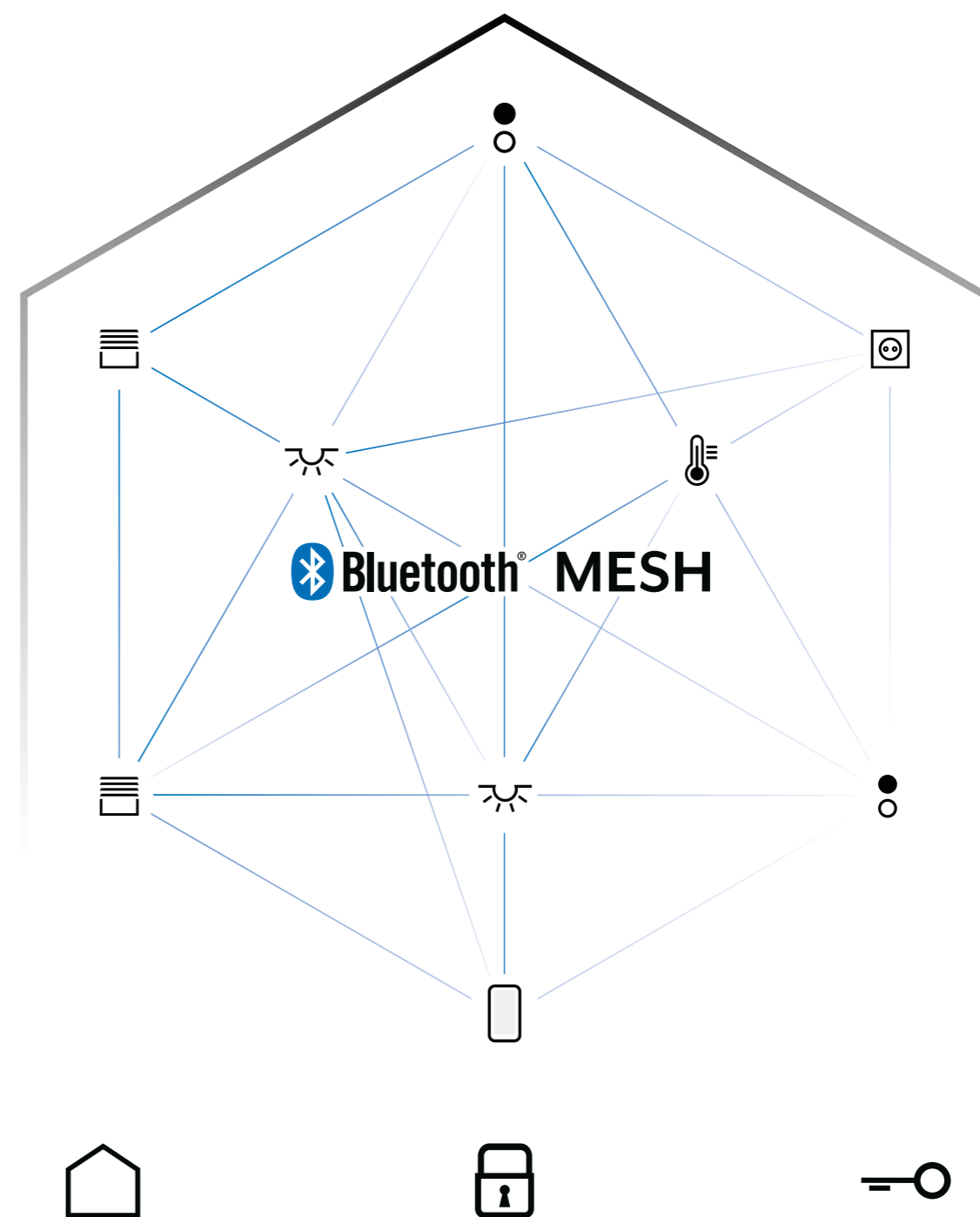
The system works locally with the JUNG HOME app.

The data stay secure and do not ever reach the Internet.

Automatically secure with 128-bit encryption and authentication.

The centrepiece:
the JUNG HOME app

Commissioning, operation, updates,
service: you just need one app.

The JUNG HOME app offers direct access to all devices. Completely without Internet, WLAN router or server. The process is very easy as the menu navigation is clear and intuitive. Cloud services such as Amazon Alexa and Google Home can also be connected to the JUNG HOME app. The JUNG HOME gateway is necessary for this.

Your advantages with the JUNG HOME app at a glance:
· integrated demo mode to try out and get to know the app
· commissioning and configuration of all JUNG HOME devices
· operation of all JUNG HOME devices in a project
· configuration of the device logics and time controls
· simple linking of sensors and actuators
· simple set-up of scenes
· project synchronisation between multiple users
· update of all JUNG HOME devices when there are new
  releases and functions
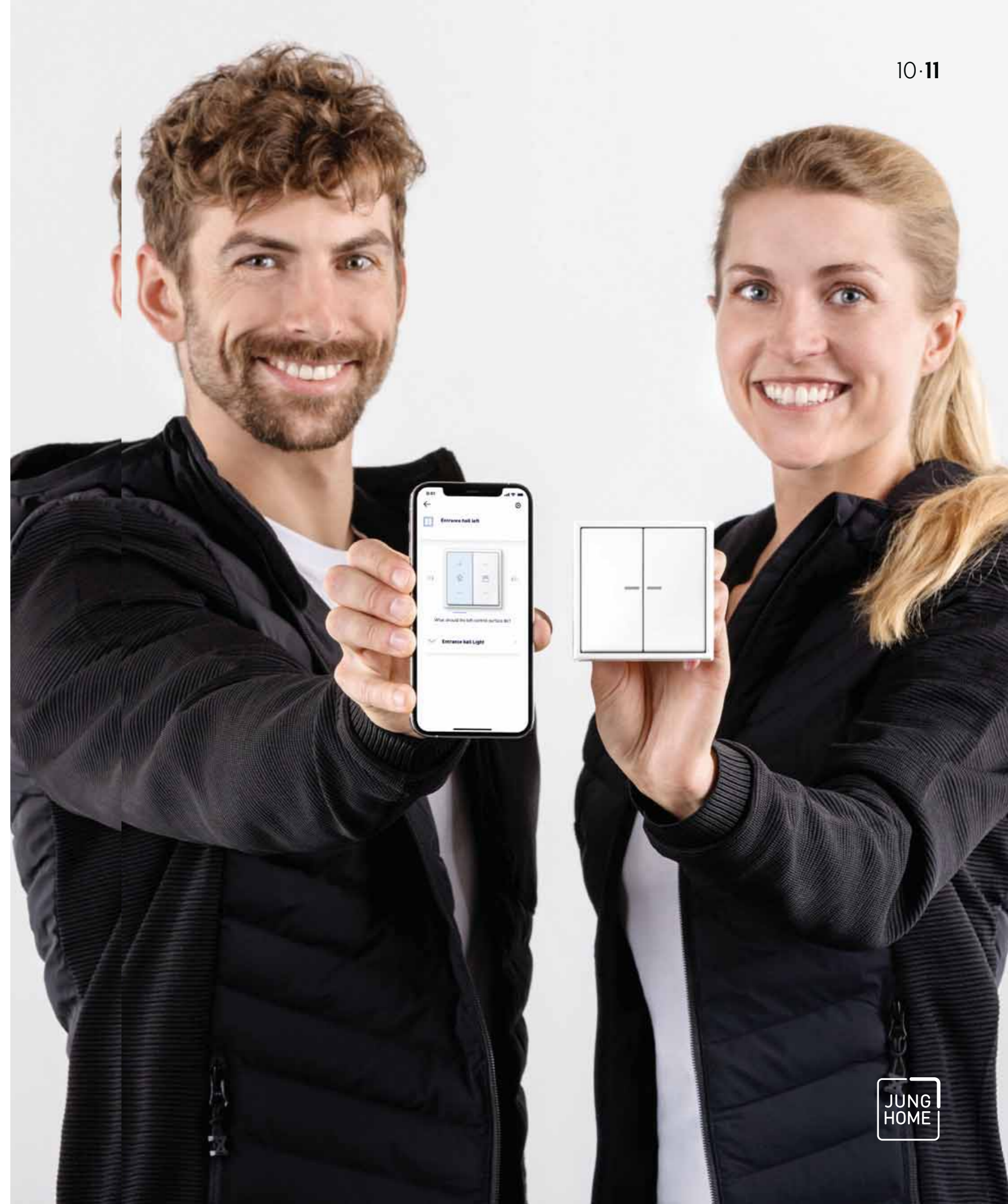
Simply download:
the JUNG HOME app is available
in Apple and Google stores.

For a smart home you
only need a screwdriver
and a smartphone.

Setting up
JUNG HOME

In just a few steps you have taught-in devices and
configured them in the app. This is how you do it:
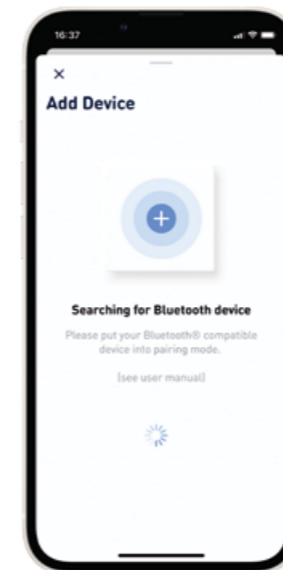
Step 1

Use the appropriate button
to put the devices into pairing
mode and activate "Search
and add Bluetooth devices"
in the JUNG HOME app.
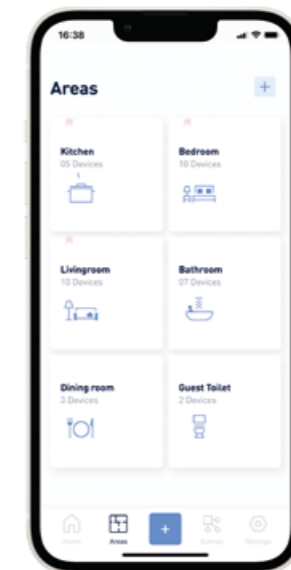
Step 2

Individually configure and
operate JUNG HOME devices
for different areas (e. g. lighting,
shading) or rooms with the
app.
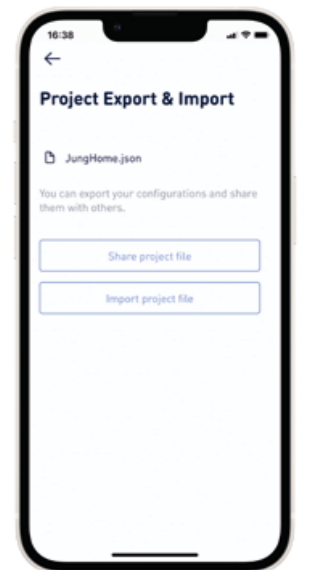
Step 3

Once all devices have been
taught-in and configured in
the app and scenes have been
configured, the project can be
handed over to the customers
– i. e. they import all data into
their JUNG HOME app.

JUNG
HOME

Looks like
a socket, but can
do much more.

The smart SCHUKO® sockets

The JUNG HOME SCHUKO® sockets are available in two versions. Both are switchable using the JUNG HOME push-buttons, the app or at the socket itself. Also, freely configurable timer switching points and an astro function are integrated. The JUNG HOME SCHUKO® socket Energy is additionally equipped with a function for measuring energy consumption.

The JUNG HOME SCHUKO® socket at a glance:
· operating button with multi-coloured background lighting to switch the socket
· 16 timer programs with astro function*, summer and winter time and automatic summer and winter time adjustment, random function*
· run-on time, switch-on / switch-off delay
· integrated 16A switch actuator
· fully encrypted wireless communication and mesh repeater function
· with screw terminals for rigid and flexible wires up to 2.5 mm²
· use an appliance box with mounting depth of min. 53 mm
· secure thanks to JUNG standard "Safety Plus"

* Available in future via update. You can find a note on the current releases at www.jung.de/junghome

Bluetooth® MESH

JUNG HOME

Switching and measuring
energy consumption has
never been so easy.

Bluetooth® MESH

JUNG HOME SCHUKO® socket Energy

This smart socket measures electricity consumption and thus allows targeted energy management. The energy consumption data can be called up in the app.

Additional functions of the JUNG HOME SCHUKO® socket Energy:

· integrated power (W) and energy measurement (kWh)
· power measurement from 0.1 to 3650 watt
· recording of the energy flow over the previous 24 hours and
  the previous 31 days (charting)
· operating hours counter, energy measurement period
· power save function (switches off standby electrical loads)
· master/slave function (switches on a wirelessly linked electrical load
  depending on the electrical load connected)
· overcurrent protection shutdown

Precise charting per hour or day:
the JUNG HOME app displays the
exact energy consumption.

JUNG
HOME

Smart is
so simple

Everything as usual: you simply replace the existing socket with a new JUNG HOME SCHUKO® socket. After you have installed the smart sockets, you can teach-in them using the JUNG HOME app on a smartphone, allocate rooms or integrate into scenes.

From 230 volt to smart in 5 minutes.
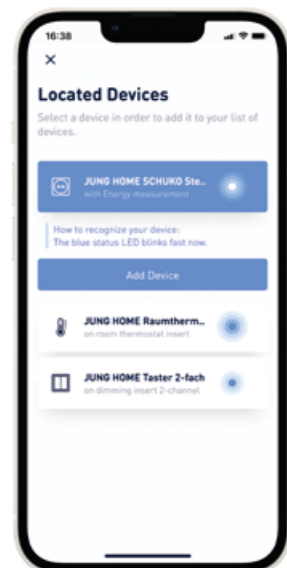
JUNG devices that are in pairing mode can be simply added in the app.

Beautiful solutions ...

... now much smarter.

JUNG
HOME

JUNG HOME system inserts

Switch and dim lights, control blinds and shutters and regulate the temperature: the system inserts are the cabled basis for your JUNG HOME installation.

The planning is with a flush-mounted installation exactly as normal. All cables are installed classically. As soon as a cover is put on the insert, the local functions can be operated and the cover controls the load conventionally. With JUNG HOME, you implement small to large smart home installations as the whole system is scaleable. You simply add further functions room by room or floor by floor.

The JUNG HOME system inserts at a glance:
· use the existing 230-volt installation 3 x 1.5 mm^2
· light, shading and temperature: the choice depends
  on the desired function.
· designed for tradespeople with only 25 mm depth
  for all appliance boxes
· enclosed mounting claws
· galvanised steel base plate

Commissioning and control
For commissioning, a smartphone and the JUNG HOME app suffice. The whole system works locally.

JUNG HOME at a glance

Light, shade, temperature: at its core, JUNG HOME consists of system inserts, covers and sockets. Locally networked using Bluetooth Mesh.

Bluetooth® MESH | JUNG HOME

1-gang push-button

Motion detector 2.20 m

Presence detector

Room thermostat display

1-gang push-button with arrow symbols

SCHUKO® socket — SAFETY+

JUNG HOME app

1-gang rocker

2-gang rocker

2-gang push-button

Motion detector 1.10 m

Switch actuator with binary input

Room thermostat display

2-gang push-button with arrow symbols

SCHUKO® socket Energy — SAFETY+

JUNG HOME app

1-gang rocker with arrow symbols

2-gang rocker with arrow symbols

Battery-powered

230 volt

Touch dimmer standard LED

Touch dimmer universal LED

Relay switch insert, 2-channel

Relay switch insert, 1-channel

Room thermostat insert

Relay switch insert, 1-channel

Standard blinds insert

1-gang push-button, battery-powered

2-gang push-button, battery-powered

2-gang touch dimmer universal LED

Power-DALI-push-button controller TW

Electronic switch insert, 1-channel

Relay switch insert, with floating contact

Electronic switch insert, 1-channel

Relay switch insert, with floating contact

Universal blinds insert

JUNG HOME gateway

Satellite insert 3-wire, power supply

Satellite insert 3-wire, power supply

Satellite insert 3-wire, power supply

Satellite insert 3-wire, power supply

Google Assistant

amazon alexa

Control and dim lighting

Switch electrical loads

Control temperature

Operate blinds

Switch electrical loads – measure energy consumption

Voice control

Operate wirelessly

The JUNG HOME push-buttons

Smart push-buttons control all functions. They are available in the familiar A, CD, LS ranges and in LS 990 in the colours from Les Couleurs® Le Corbusier and integrate harmoniously into every interior. They are available in 1-gang or 2-gang versions and wired or battery-powered.

The system insert determines the main function: light, blinds or temperature. You can allocate up to two functions to 1-gang push-buttons and up to four to 2-gang push-buttons. You configure the JUNG HOME push-button in the app with rocker, button or with scene functions. Every rocker has a multi-coloured LED for status indication. A night mode is also possible.

Selected functions for the JUNG HOME push-buttons:
· commissioning using the JUNG HOME app
· free linking of the operating buttons with the actuator in the insert
  or wirelessly with other JUNG HOME devices
· trigger scenes or disabling functions with operating buttons
· top, bottom and full-surface operation
· operating lock can be set up
· up to 16 timer programs control the functions of the respective insert
  (e. g. switch ON/OFF, dim, move blind, adjust temperature).
· automatic functions: astro function*, time synchronisation, run-on time,
  switch-on and switch-off delay
· switch-on brightness configurable
· evaluation of the satellite inputs (operation via satellite unit
  2-wire, 3-wire, rotary satellite insert or push-button)
· disable and override functions: lock-out protection, continuous ON/OFF
  or ON/OFF for a fixed time
· central functions: All ON/All OFF, call up scenes
· fully encrypted wireless communication and mesh repeater function

* Available in future via update. You can find a note on the
  current releases at www.jung.de/junghome

Bluetooth® MESH

JUNG HOME

JUNG HOME push-button with battery power

These smart push-buttons can be placed independently of the 230-volt installation. They are used where no cables are present or can be laid.

You mount them completely flexibly: with the adhesive pad on smooth surfaces or directly with the supporting frame on installation boxes. You can extend individual control units with the battery-powered push-buttons and a multiple frame without mounting an additional installation box.

Selected functions of the JUNG HOME push-buttons with battery power:
· top, bottom and full-surface operation
· free linking of the operating buttons to wireless control
  of JUNG HOME actuators
· trigger scenes or disabling functions with operating buttons*
· disable and override functions*: lock-out protection, continuous ON/OFF
  or ON/OFF* for a fixed time
· central functions: All ON/All OFF, call up scenes
· multi-coloured LED status indicator with permanently configured night mode
· actuator status feedback via status LED
· operating lock can be set up
· battery status via LED and app
· fully encrypted wireless communication – no repeater function
· commissioning via the JUNG HOME app

* Available in future via update. A note on current releases
  can be found at www.jung.de/junghome
  Available in second half of 2023

Use the supplied adhesive pad to attach the push-button – with no additional mounting effort.

 Bluetooth® MESH

JUNG
HOME

The JUNG HOME room thermostat

JUNG HOME integrates multiple types of temperature control. Matched to your needs, smart and energy efficient.

Depending on the system insert used, JUNG HOME controls hydronic underfloor heating, radiators, electrical underfloor heating and infrared heating. In combination with a modern heat pump system, it also enables room cooling. The smart room thermostat combines simple local control with convenient configuration with the app – throughout the building.

The JUNG HOME room thermostat at a glance:
· suitable for a room thermostat insert, relay switch insert,
  electronic switch insert, switch insert with floating contact
  or 3-wire satellite insert
· enables the control of the temperature using voice control,
  app and JUNG HOME push-button
· can be integrated into scenes
· fast access to all room thermostats using the app

The room thermostat also controls valve drives (230 volt), which are mounted in the heating manifold.

The JUNG HOME room thermostat display

The room thermostat with display in real glass enables the control of the heating in the smart home.

It detects a fall in temperature, for example when a window is open, and switches the heating to frost protection mode. The temperature control can be integrated into scenes.

Selected functions of the JUNG HOME room thermostat display:
· manual and timer-controlled regulation of the room temperature
· 16 timer programs for automatic heating
· simple activation and deactivation of individual time programs using the app
· configuration of comfort, eco, cooling and frost protection temperatures
· supports internal and external temperature sensors
· the holiday program* reduces heating costs and ensures comfort on return
· fast heating up of room with the Boost function
· multi-level operating lock against unintended operation and locking
  of the configuration can be set up

* Available in future via update. You can find a note on the
  current releases at www.jung.de/junghome

Overview and monitoring:
using the JUNG HOME app, users decide
on the temperature in the smart home.

8 Bluetooth® MESH

Smart switching with motion

Light as needed, pleasant temperatures when present: in an energy-efficient JUNG HOME system, motion and presence detectors are a must. They have a particularly large detection range of 180 degrees for the motion detector and 360 degrees for the presence detector. Where there is movement in the detection range, they reliably switch on the light and – after an individually configurable shut-off delay and no further motion detected – switch it back off. This saves energy and gives more convenience and safety at home.

Bluetooth® MESH

JUNG HOME

JUNG HOME
motion detectors

JUNG HOME offers two motion detector versions: mounting heights of 1.10 metres and 2.20 metres. You configure and link them using the JUNG HOME app.

Selected functions of the JUNG HOME motion detector 1.10 and 2.20 metres:
· automatic switching of lighting depending on motion and ambient brightness
· detection range 180 degrees
· free linking with the actuator in the insert or wirelessly with other JUNG HOME devices
· sliding switch or operating button to activate permanent ON/OFF
· up to 16 timer programs control the functions of the respective insert
· automatic functions: astro function*, time synchronisation, shut-off delay, dynamic shut-off delay*, switching-on and shut-off delay
· central functions: All ON/All OFF, call up scenes
· in combination with an optional sealing gasket, an IP 44 splashproof installation is provided

* Available in future via update. You can find a note on the current releases at www.jung.de/junghome
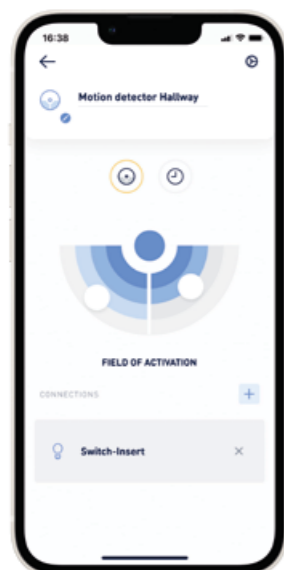
You configure the detection range and shut-off delay easily in the JUNG HOME app.

Motion detectors 1.10 m

Bluetooth® MESH
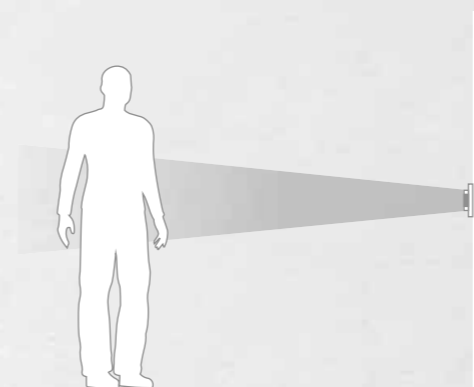
Motion detectors 2.20 m

Bluetooth® MESH
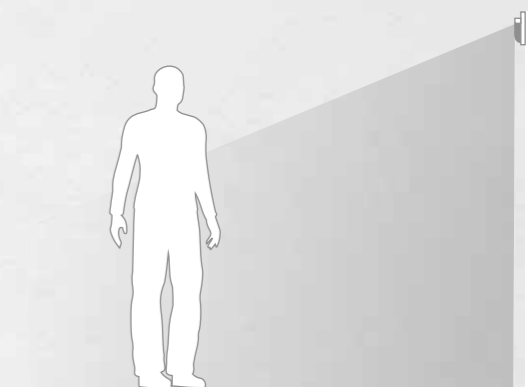
JUNG HOME presence detectors

The smart presence detector on the ceiling detects people in a 360-degree area that move in a radius of roughly 20 metres.

It has three PIR sensors, each operating independently, which you can individually configure and activate using the JUNG HOME app. Furthermore, the detector has a comparatively large range of functions compared to the JUNG HOME motion detector and has constant light regulation in addition*.

Like all other JUNG HOME covers, the presence detector can also switch the attached system insert or operate wirelessly linked JUNG HOME actuators thanks to Bluetooth® Mesh: A device that, for example, detects motion in the corridor, switches the lights on on the entire floor in this way.

* Available in future via update. You can find a note on the
current releases at www.jung.de/junghome

With the JUNG HOME app, you specify which PIR sensors should be active – without going up a ladder.

Bluetooth® MESH

3 m

Ø 20 m
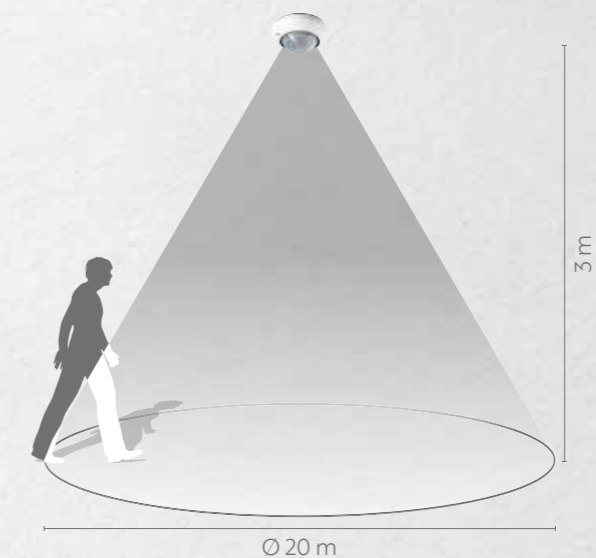
The JUNG HOME switch actuator with binary inputs

With this little actuator, you can offer your customers even more options. For example, conventional weather sensors can be used as a wind alarm and for rain detection using the two binary inputs.

The switching output and the two binary inputs can be operated independently of each other. In this way, the binary inputs control a blinds actuator wirelessly, for example, and the switching output is used to control the ceiling light.

· independent operation of switching output and binary inputs
· binary inputs communicate wirelessly, for example, with
  a blinds actuator and the switching output controls
  a ceiling light
· switchable loads up to 16 ampere
· operable using smart push-buttons or
  the JUNG HOME app
·large range of functions with 16 timer
  programs, shut-off delay, switch-on
  and switch-off delay, scenes
  and disabling functions*

Bluetooth® **MESH**

* Available in future via update. A note on the current releases
  can be found at www.jung.de/junghome

The JUNG HOME system

Without an Internet connection, the complete system communicates locally using Bluetooth Mesh. All data remain in-house.
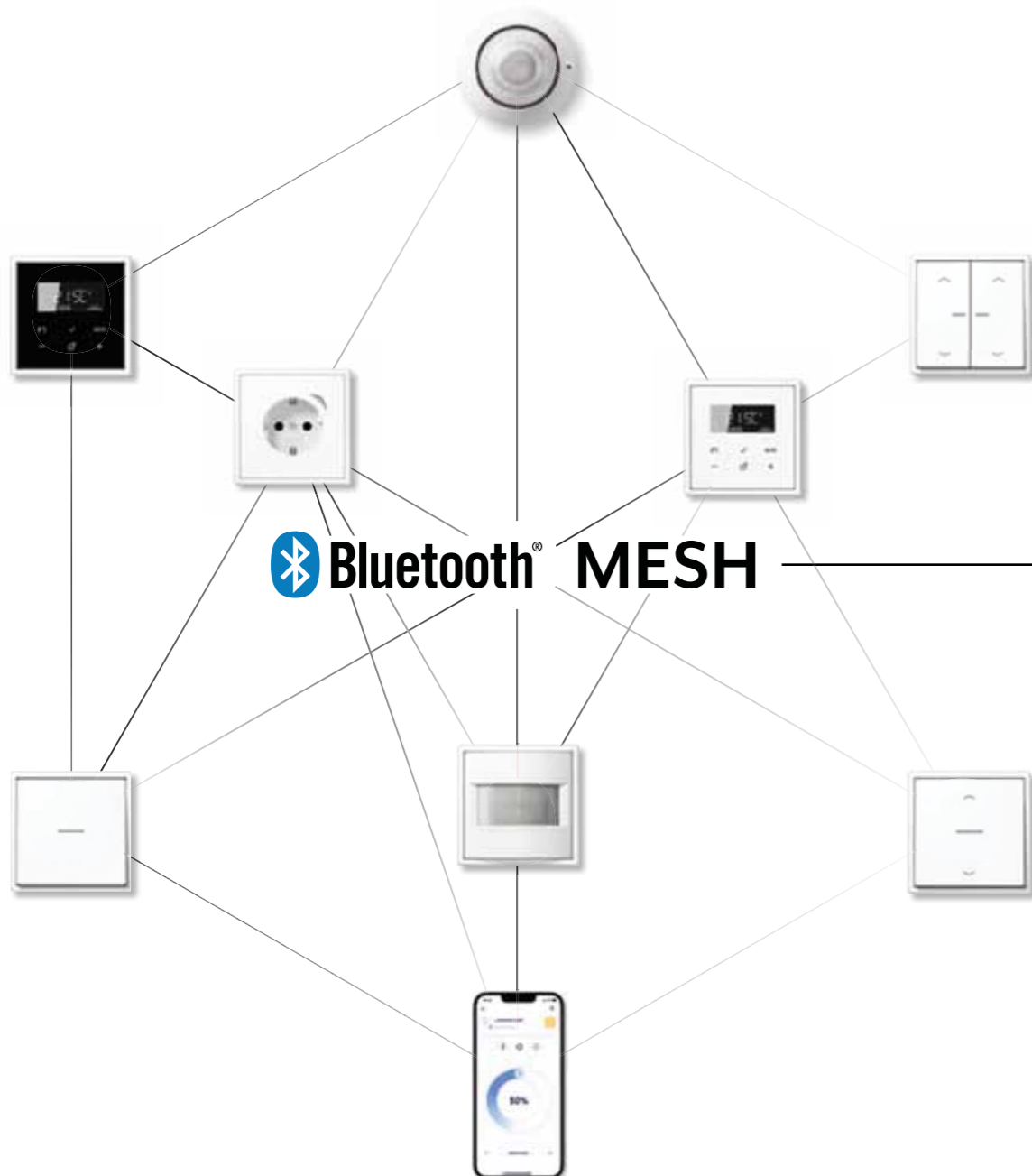
Hello IoT-world

With the JUNG HOME gateway, you connect the system with other gateways or the Internet. In this way, you can integrate many functions and services from different providers into your networked home.

Bluetooth® MESH

mediola®

Voice control

Samsung SmartThings
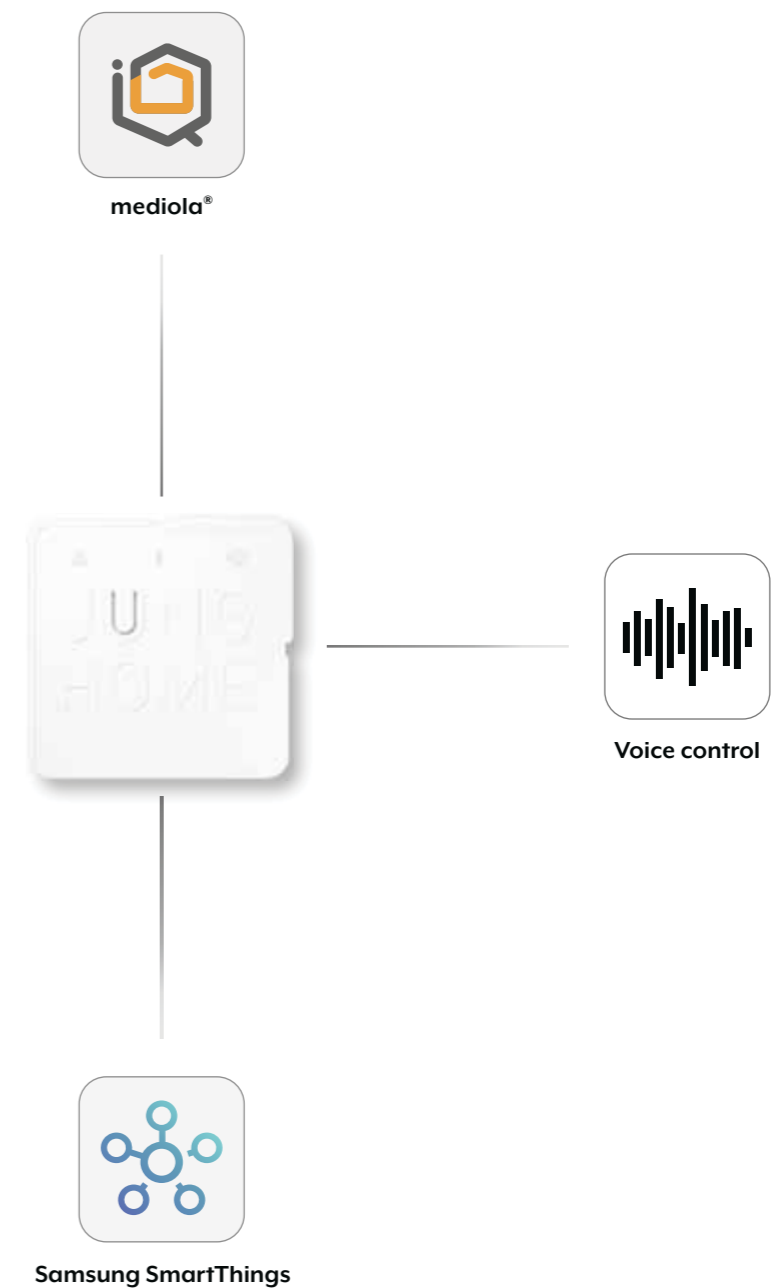
The JUNG HOME gateway

The smart gateway opens up JUNG HOME
to the world of the IoT.

Selected functions:
· connects JUNG HOME devices with the myJUNG Cloud (Alexa, Google Home)
  using Bluetooth Mesh
· enables both the mediola® gateway and Samsung Smart Things
  in the local network access to JUNG HOME devices
· three separate LEDs (network, Bluetooth and cloud) help with setup
  with clear status indication
· for wall installation or as a table-top device (optional rail mounting
  with separately available top hat rail adapter)
· RJ45 socket and included LAN cable for connecting to WLAN router
· commissioning and operation using the JUNG HOME app
· fully encrypted wireless communication and mesh repeater function
· the gateway has been awarded the "Smart Home – Information Security
  Tested" certificate by the VDE Institute.

Bluetooth® **MESH**

JUNG HOME speaks Google and Alexa

The home obeys every word: the JUNG HOME gateway enables voice control of all JUNG HOME devices along with connected smart solutions from other manufacturers. Using the Amazon Alexa or Google Assistant apps, JUNG HOME can also be operated with remote access.

Available in the second half of 2023

works with the Google Assistant

Works with **alexa**

Welcome to the Internet of Things

The integration of JUNG HOME into the manu-facturer network WORKS WITH mediola® opens up numerous possibilities for users to network with products from the IoT world – and everything oper-able with the JUNG HOME push-buttons.

Products and solutions from Netatmo, Eltako, VELUX, Schüco, Danfoss, Novoferm, Vaillant, Somfy, Sonos, Philips Hue and many other providers can be integrated in JUNG HOME. To exhaust the numerous new possi-bilities, alongside a JUNG HOME gateway, the mediola® AIO Gateway is required. Setting up and control are carried out with a smartphone using the IQONTROL NEO app from mediola®.

Available in future via update. You can find a note on the current releases at www.jung.de/junghome

So much more is possible. Time to live individual ideas.

WORKS WITH
mediola®

Further application possibilities and comprehensive compatibility lists can be found online at mediola.de

JUNG HOME and Samsung SmartThings

With the gateway, JUNG HOME can also be linked with Samsung SmartThings. This involves an app from Samsung that enables smart home elements to be controlled by smartphone, smart watch or voice. It serves as a central point that can connect the devices of different brands with each other. This includes intelligent lamps and luminaires, thermostats and sockets. Samsung SmartThings is equally suited to Android and iOS.

Available in future via update. You can find a note on the current releases at www.jung.de/junghome

Works with
SmartThings
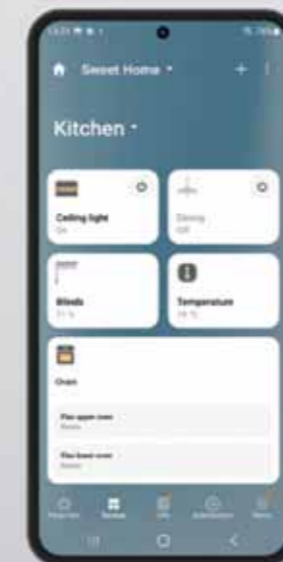
The open platform brings manufacturers, developers and services together.
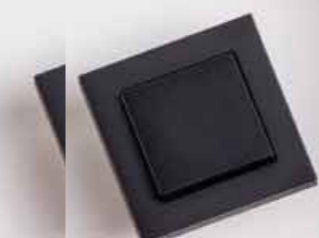
Smart technology ...

... designed by JUNG.

JUNG
HOME
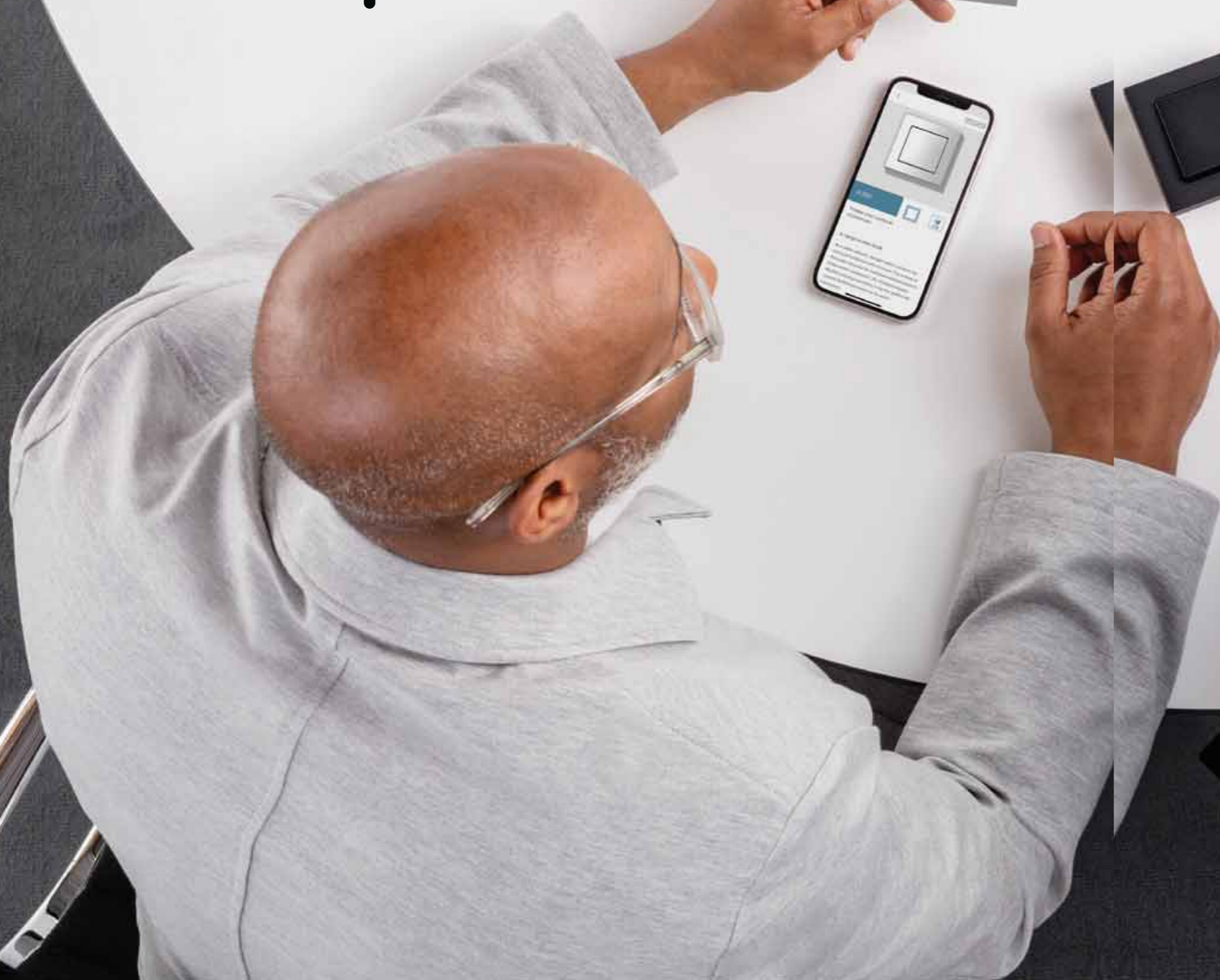
LS range

Variety squared: narrow or wide frames, plastic, real metal or glass and numerous colours, matt or glossy – the LS range offers timeless switches for every furnishing style.

Bluetooth® MESH

LS 990

The classic among the flat switches: with particularly narrow frames and maximum operating area, the LS 990 has been impressing owners and architects for more than 50 years.

LS ZERO

Some things stand out because they are unobtrusive. LS ZERO is the consistently flush-mounted switch range from JUNG.

LS CUBE

The solution for all areas where flush mounting is either not possible or not wanted: LS CUBE is the stylish, surface-mounted version of the LS 990 design classic.

LS DESIGN

A switch range that sets itself apart: with a shadow gap on the rear of the frame, the switches and sockets visually distance themselves slightly from the wall.

LS PLUS

Sets special accents: the conspicuously wide design frames in high-quality glass make switches and sockets from the LS PLUS range an eye-catcher.

Les Couleurs® Le Corbusier

Worldwide exclusive: with LS 990 Les Couleurs® Le Corbusier, JUNG offers light switches, sockets and operating controls in the 63 original colours of Les Couleurs® Le Corbusier.

LS 990

Contemporary styling, a high level of functionality, inspiration of
design and sustainable quality combine in a whole. The LS 990-
switches meet this aspiration in high-quality metal versions in a
special way.

LS 990 in metal

LS 990 in stainless steel

LS 990 in aluminium

LS 990 in anthracite

LS 990 in dark

LS 990 in classic brass

LS 990 in antique brass

LS 990 in plastic

LS 990 in ivory

LS 990 in white

LS 990 in light grey

LS 990 in black

LS 990 in matt snow white

LS 990 in matt graphite black

LS 990 in
Les Couleurs® Le Corbusier

Le Corbusier's universal colour system, the Polychromie Architecturale, inspires with a timeless colour palette and noteworthy combinability.

Bluetooth® MESH

As a worldwide exclusive, JUNG provides light switches, sockets and building technology systems in the 63 colours of Les Couleurs® Le Corbusier. Production is made to order and hand lacquered by experienced specialists – made in Germany.

The colour keyboards
Le Corbusier created his system of colours as a tool for architects, interior designers and designers. His timeless colour keyboards have not lost any of their freshness even after 90 years.

More at jung.de/lc

JUNG HOME

A and AS ranges

With frames in plastic or glass, the A range sets fresh accents in the room. The AS range impresses with its wide range of applications.

Bluetooth® MESH

A 550
The striking lines of the A 550 provide style without compromise. The switch range stands for modern design and complements contemporary furnishing styles.

A FLOW
Discretely rounded frames, angular centre plates: the lines of the A FLOW switch range suit fresh living ideas with a relaxed mix of styles.

A CREATION
Colour meets materiality: with distinctive glass frames in eight striking colours, A CREATION sets sparkling accents in every room.

AS 500
Light switches and sockets from the AS 500 range are the solution for all areas where functionality and reliability play a particular role.

JUNG HOME

A range colours

AS 500

AS 500 in ivory

AS 500 in white

A 550

A 550 in white

A 550 in black

A 550 in matt graphite black

A 550 in aluminium design

A 550 in matt snow white

A 550 in matt anthracite

A FLOW

A FLOW in white

A FLOW in black

A FLOW in aluminium design

A CREATION

A creation in glass, white

A CREATION in champagne

A CREATION in glass, champagne

A CREATION in glass, silver

A CREATION in mocha

A CREATION in glass, mocha

CD range

Discrete colouring and an organic form define the design
of the CD range. A visual special feature is the angling of
the rocker surface.

Bluetooth® MESH

CD 500 in ivory

CD 500 in white

CD 500 in brown

CD 500 in grey

CD 500 in light grey

CD 500 in black

With two versions in anodized
aluminium, CD 500 sets accents
in every place where the focus
is on what is special.

CD 500 in gold-bronze design

CD 500 in platinum design

Frame with 28 mm height above surface

If standard wall boxes < 53 mm are already installed at the location, you can resort to the raised frames. In this way, the space of 8 mm between housing floor and the wall box floor required by the regulations is ensured.

Installing the JUNG HOME SCHUKO® socket
If there is no deep wall box available when retrofitting, you can also use the shallow wall box already installed. Use the supporting frame adapter and the raised frame with 28 mm.

JUNG HOME

Uniform design

So that you can implement your customer's electrical installation in a uniform design: the frames with 28 mm height above surface for the JUNG HOME SCHUKO® sockets is available in white and for the A 550 and LS 990 ranges.

Frame with 28 mm height above surface 1-gang and 2-gang in the A 550 range.

Frame with 28 mm height above surface 1-gang and 2-gang in the LS 990 range.

JUNG
HOME

Even more JUNG HOME

Are you interested in JUNG HOME and want to know more about it? You will find more information on our web site, in the JUNG HOME installation film and in the virtual tour of our smart home.
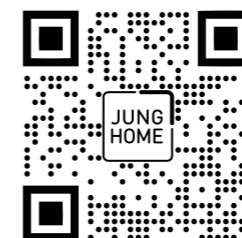
More information:
JUNG.DE/JUNGHOME

The web page

The JUNG HOME Internet page is clearly structured and well-arranged.
Here you will find all the information about the system. Take a look around:
jung.de/junghome

The film

Have a look at how easy it is to install JUNG HOME. Our film team
accompanied the installation in a house and also spoke to the owners.

JUNG HOME in virtual reality
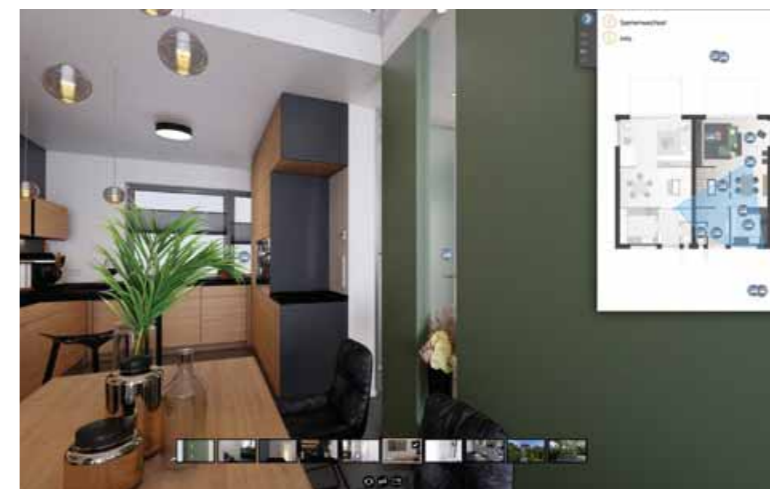
We have built a virtual house and equipped it from cellar to roof with JUNG HOME. You can find out about this house in virtual reality. In addition, we provide the ground plans and installation tips.

The Builders Brochure

Our JUNG HOME brochure for owners explains the system clearly and supports you when talking to customers. You can order the brochure here at no cost: jung.de/junghome (available from April 2023)

Catalogue

JUNG HOME SCHUKO® socket

with enhanced contact protection / shutter (Safety Plus)
with screw terminals for rigid and flexible wires up to 2.5 mm²
Supporting frame, claws and claw screws are integrated into the earth protection.

Intended use
- Manual or automatic switching of lighting and common household devices
- Wireless linking with JUNG HOME system devices
- For use in dry indoor areas
- Installation in flush box with dimensions according to DIN 49073
- Depth of flush box (inner dimension): min. 53 mm

Product characteristics
- Commissioning and operation using JUNG HOME app with mobile terminal device (smartphone or tablet) via Bluetooth®
- Button for switching and for commissioning
- Multi-coloured status indicator with optional night mode
- Disabling of local operation
- Up to 16 time programs
- Run-on time
- Automatic summer/winter time changeover
- Activate/deactivate automatic operation using JUNG HOME app
- Automatic date and time update when connecting with smartphone
- Integrated 16A switch actuator
- Local actuator integrated into groups, central functions and light scenes
- Bluetooth® SIG Mesh for fully encrypted wireless communication and repeater function
- Can be updated using JUNG HOME app

Available in future via update:
(Notes on updates and schedules can be found at www.jung.de/JUNGHOME)
- Switching of socket to continuously ON or OFF via disabling functions
- Time programs with sunrise or sunset (astro function)
- Time programs with random timing
- Switch-on delay / switch-off delay

Technical data

Rated voltage:	AC 220 ... 250 V ~
Mains frequency:	50/60 Hz
Stand-by power:	max. 0.25 W
Ambient temperature:	−5 ... +45 °C
Transport temperature:	−25 ... +70 °C
Storing temperature:	−5 ... +45 °C
Relative humidity:	20 ... 70 % (no condensation)
Accuracy per month:	± 13 s
Power reserve:	min. 4 h
Switching current at 25 °C	
Ohmic:	16 A
Motors:	4.3 A (@ cos φ 0.6)
Connected load	
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 400 W
Fluorescent lamps non-compensated:	920 VA
Installation depth:	45 mm
Radio frequency:	2402.0 ... 2480.0 MHz
Transmitting power:	max. 10 mW (class 1.5)
Transmission range	
in buildings:	approx. 30 m

for AS and A ranges
available April 2023

	Ref.-no.
Thermoplastic (breakproof) high-gloss	
ivory	■■ BT A 1521 S
white	■■ BT A 1521 S WW
black	■■ BT A 1521 S SW
Thermoplastic (breakproof) lacquered	
aluminium	■ BT A 1521 S AL
champagne	■ BT A 1521 S CH
mocha	■ BT A 1521 S MO
matt lacquered	
matt snow white	■ BT A 1521 S WWM
matt graphite black	■ BT A 1521 S SWM
matt anthracite	■ BT A 1521 S ANM

for CD range
available April 2023

	Ref.-no.
Thermoplastic (breakproof) high-gloss	
ivory	■■ BT CD 1521 S
white	■■ BT CD 1521 S WW
brown	■ BT CD 1521 S BR
grey	■■ BT CD 1521 S GR
light grey	■■ BT CD 1521 S LG
black	■■ BT CD 1521 S SW
metal colours (thermoplastic lacquered)	
gold-bronze	■ BT CD 1521 S GB
platinum	■ BT CD 1521 S PT

for LS range
available April 2023

	Ref.-no.
Thermoplastic (breakproof) high-gloss	
ivory	■■ BT LS 1521 S
white	■■ BT LS 1521 S WW
light grey	■■ BT LS 1521 S LG
black	■■ BT LS 1521 S SW
matt lacquered	
matt snow white	■ BT LS 1521 S WWM
matt graphite black	■ BT LS 1521 S SWM
Les Couleurs® Le Corbusier	■ BT LC 1521 S ...
metal colours (thermoplastic lacquered)	
aluminium	■ BT AL 1521 S-L
stainless steel	■ BT ES 1521 S-L
anthracite	■ BT AL 1521 S AN-L
dark	■ BT AL 1521 S D-L
classic brass	■ BT ME 1521 S C-L
antique brass	■ BT ME 1521 S AT-L

Frame 28 mm structure height

This frame allows flush-mounted devices with a large installation depth to be installed in an existing flat wall box. The frame raises the device supporting frame from the wall to provide an additional 17 mm of installation depth.

Frame 28 mm structure height, see page 97

JUNG HOME SCHUKO® socket Energy

with enhanced contact protection / shutter (Safety Plus)
with screw terminals for rigid and flexible wires up to 2.5 mm²
Supporting frame, claws and claw screws are integrated into the earth protection.

Intended use
- Manual or automatic switching of lighting and common household devices
- Power (W) and energy measurement (kWh) of the connected devices
- Wireless linking with JUNG HOME system devices
- For use in dry indoor areas
- Installation in flush box with dimensions according to DIN 49073
- Depth of flush box (inner dimension): min. 53 mm

Product characteristics
- Commissioning and operation using JUNG HOME app with mobile terminal device (smartphone or tablet) via Bluetooth®
- Button for switching and for commissioning
- Multi-coloured status indicator with optional night mode
- Disabling of local operation
- Up to 16 time programs
- Run-on time
- Automatic summer/winter time changeover
- Activate/deactivate automatic operation using JUNG HOME app
- Automatic date and time update when connecting with smartphone
- Integrated 16A switch actuator
- Local actuator integrated into groups, central functions and light scenes
- Power measurement from 0.1 to 3650 Watt
- Recording of the energy flow over previous 24 hours and previous 31 days (charting)
- Operating hours counter, energy measurement period
- Power Save function (switches off standby electrical loads)
- Master/slave function (switches on a wirelessly linked electrical load depending on the electrical load connected)
- Overcurrent protection shutdown
- Bluetooth® SIG Mesh for fully encrypted wireless communication and repeater function
- Can be updated using JUNG HOME app

Available in future via update:
(Notes on updates and schedules can be found at www.jung.de/JUNGHOME)
- Switching of socket to continuously ON or OFF via disabling functions
- Time programs with sunrise or sunset (astro function)
- Time programs with random timing
- Switch-on delay / switch-off delay

Technical data

Rated voltage:	AC 220 ... 250 V ~
Mains frequency:	50/60 Hz
Stand-by power:	max. 0.25 W
Ambient temperature:	−5 ... +45 °C
Transport temperature:	−25 ... +70 °C
Storing temperature:	−5 ... +45 °C
Relative humidity:	20 ... 70 % (no condensation)
Accuracy per month:	± 13 s
Power reserve:	min. 4 h
Active power:	-3680 ... 3680 W
Accuracy (power):	1% ±0.05 W
Active energy:	-999,999 ... 999,999 kWh
Switching current at 25 °C	
Ohmic:	16 A
Motors:	4.3 A (@ cos φ 0.6)
Connected load	
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 400 W
Fluorescent lamps non-compensated:	920 VA
Installation depth:	45 mm
Radio frequency:	2402.0 ... 2480.0 MHz
Transmitting power:	max. 10 mW (class 1.5)
Transmission range	
in buildings:	approx. 30 m

for AS and A ranges
available April 2023

	Ref.-no.
Thermoplastic (breakproof) high-gloss	
ivory	■■ BT A 1521 SE
white	■■ BT A 1521 SE WW
black	■■ BT A 1521 SE SW
Thermoplastic (breakproof) lacquered	
aluminium	■ BT A 1521 SE AL
champagne	■ BT A 1521 SE CH
mocha	■ BT A 1521 SE MO
matt lacquered	
matt snow white	■ BT A 1521 SE WWM
matt graphite black	■ BT A 1521 SE SWM
matt anthracite	■ BT A 1521 SE ANM

for CD range
available April 2023

	Ref.-no.
Thermoplastic (breakproof) high-gloss	
ivory	■■ BT CD 1521 SE
white	■■ BT CD 1521 SE WW
brown	■ BT CD 1521 SE BR
grey	■■ BT CD 1521 SE GR
light grey	■■ BT CD 1521 SE LG
black	■■ BT CD 1521 SE SW
metal colours (thermoplastic lacquered)	
gold-bronze	■ BT CD 1521 SE GB
platinum	■ BT CD 1521 SE PT

for LS range
available April 2023

	Ref.-no.
Thermoplastic (breakproof) high-gloss	
ivory	■■ BT LS 1521 SE
white	■■ BT LS 1521 SE WW
light grey	■■ BT LS 1521 SE LG
black	■■ BT LS 1521 SE SW
matt lacquered	
matt snow white	■ BT LS 1521 SE WWM
matt graphite black	■ BT LS 1521 SE SWM
Les Couleurs® Le Corbusier	■ BT LC 1521 SE ...
metal colours (thermoplastic lacquered)	
aluminium	■ BT AL 1521 SE-L
stainless steel	■ BT ES 1521 SE-L
anthracite (lacquered)	■ BT AL 1521 SE AN-L
dark	■ BT AL 1521 SE D-L
classic brass (lacquered)	■ BT ME 1521 SE C-L
antique brass (lacquered)	■ BT ME 1521 SE AT-L

Frame 28 mm structure height

This frame allows flush-mounted devices with a large installation depth to be installed in an existing flat wall box. The frame raises the device supporting frame from the wall to provide an additional 17 mm of installation depth.

Frame 28 mm structure height, see page 97

Standard blinds insert

without satellite input
for covers JUNG HOME ref.-no.: BT .. 17101 .., BT .. 17102 ..

- Controlling electrically driven blinds, shutters and awnings
- Automatic control via timer
- Pole changing of outputs for simplified commissioning from version V01 upwards
- Saving of a ventilation position possible using the cover

Ref.-no.
1730 JE

Technical data

Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Connected load	
Motors:	700 W

Universal blinds insert

with satellite input
for covers JUNG HOME ref.-no.: BT .. 17101 .., BT .. 17102 ..

- Controlling electrically driven blinds, shutters and awnings
- Automatic control via timer
- The integration into group controls or master controls is possible by means of extension inputs
- 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

Ref.-no.
1731 JE

Technical data

Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Connected load	
Motors:	700 W

Standard touch dimmer insert LED

without satellite input
for covers JUNG HOME ref.-no.: BT .. 17101 .., BT .. 17102 .., BT .. 17181 .., BT .. 17182 ..

Ref.-no.
1710 DE

Technical data

Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Connected load at 25 °C	
Incandescent lamps:	20 ... 210 W
HV halogen lamps:	20 ... 210 W
Electronic transformers:	20 ... 210 W
Electronic transformers with LV LED:	typical 20 ... 60 W
Inductive transformers:	20 ... 210 VA
Inductive transformers with LV LED:	typical 20 ... 60 VA
Dimmable HV LED lamps:	typical 3 ... 60 W

With setting "LED trailing edge phase control" the max. connection power for HV LED lamps and electronic transformers with LV LED doubles.

Universal touch dimmer insert LED

with satellite input
for covers JUNG HOME ref.-no.: BT .. 17101 .., BT .. 17102 .., BT .. 17181 .., BT .. 17182 ..

Ref.-no.
1711 DE

Technical data

Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
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

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.

Universal 2-gang touch dimmer insert LED

with satellite input
for covers JUNG HOME ref.-no.: BT .. 17101 .., BT .. 17102 ..

Ref.-no.
1712 DE

Technical data

Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Connected load per output at 25 °C	
Incandescent lamps:	20 ... 210 W
HV halogen lamps:	20 ... 210 W
Electronic transformers:	20 ... 210 W
Electronic transformers with LV LED:	typical 20 ... 50 W
Inductive transformers:	20 ... 210 VA
Inductive transformers with LV LED:	typical 20 ... 50 VA
Dimmable HV LED lamps:	typical 3 ... 50 W

With setting "LED trailing edge phase control" the max. connection power for HV LED lamps and electronic transformers with LV LED doubles.

Power DALI push-button controller TW

with satellite input
for covers JUNG HOME ref.-no.: BT .. 17101 .., BT .. 17102 .., BT .. 17181 .., BT .. 17182 ..

- Switching and brightness setting for luminaires with DALI interface
- Setting of colour temperature for luminaires with DALI Device Type 8 for tunable white acc. to IEC 62386-209
- DALI supply for a maximum of 18 subscribers
- Parallel switching of up to 4 DALI control units with the option of supplying up to 72 DALI subscribers
- If several automatic switches are to be used, a DALI push-button controller can be connected to up to ten 3-wire satellite inserts. Parallel connection of several DALI push-button controllers with automatic switches or motion/presence detectors is not possible.

Ref.-no.
1713 DSTE

Technical data

Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Rated voltage DALI:	DC 16 V (typ.)
Output current:	max. 36 mA
Colour temperature setting:	2,000 ... 10,000 K
Number of DALI devices:	max. 18
Number of control units in parallel:	max. 4

Relay switch insert, 1-channel

with satellite input
for covers JUNG HOME ref.-no.: BT .. 17101 .., BT .. 17102 .., BT .. 17181 .., BT .. 17182 .., BT .. 1791 ..

Ref.-no.
1701 SE

Technical data

Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
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
Fluorescent lamps non-compensated:	1200 VA
Capacitive load:	920 VA (115 µF)
Switching current at 35 °C	
Motor switching current:	6 A
Number of valve drives:	1 ... 10

Relay switch insert with floating contact, 1-channel

with satellite input
for covers JUNG HOME ref.-no.: BT .. 17101 .., BT .. 17102 .., BT .. 17181 .., BT .. 17182 .., BT .. 1791 ..

Ref.-no.
1701 PSE

Technical data

Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
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
Fluorescent lamps non-compensated:	920 VA
Capacitive load:	920 VA (115 µF)
Number of valve drives:	1 ... 10

Relay switch insert, 2-channel

with satellite input
for covers JUNG HOME ref.-no.: BT .. 17101 .., BT .. 17102 .., BT .. 17181 .., BT .. 17182 .., BT .. 1791 ..

Ref.-no.
1702 SE

Technical data

Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Connected load per channel for 25 °C	
Incandescent lamps:	1500 W
HV halogen lamps:	1500 W
Electronic transformers:	1000 W
Inductive transformers:	625 VA
HV LED lamps:	typical 500 W
Fluorescent lamps non-compensated:	750 VA
Capacitive load:	580 VA (70 µF)
Switching current per channel for 25 °C	
Motors:	3 A (cos φ = 0.68)

Electronic switch insert, 1-channel

with satellite input
for covers JUNG HOME ref.-no.: BT .. 17101 ..,
BT .. 17102 .., BT .. 17181 .., BT .. 17182 .., BT .. 1791 ..

Ref.-no.
1704 ESE

Technical data

Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Connected load at 25 °C	
Incandescent lamps:	20 ... 400 W
HV halogen lamps:	20 ... 400 W
Electronic transformers:	20 ... 400 W
Electronic transformers with LV LED:	20 ... 100 W
Inductive transformers:	20 ... 400 VA
Inductive transformers with LV LED:	20 ... 100 VA
HV LED lamps:	typical 3 ... 100 W

When operating with neutral conductor or without neutral conductor in operating mode LED trailing edge phase control: Connection power for HV LED lamps typ. 3 ... 200 W, electronic transformers with LV LED typ. 20 ... 200 W.
When using LED lamps that are not dimmable the neutral conductor must be connected.

Number of valve drives:	1 ... 10

Satellite insert 3-wire, power supply

for covers JUNG HOME ref.-no.: BT .. 17101 ..,
BT .. 17102 .., BT .. 17181 .., BT .. 17182 .., BT .. 1791 ..

- Extension unit operation of suitable inserts
- Neutral conductor required

Ref.-no.
1723 NE

Room thermostat insert

with sensor connection
for covers JUNG HOME ref.-no.: BT .. 1791 ..

- Switching of electric underfloor heating systems and electrothermal valve drives
- Pulse width modulation (PWM) or two-point control (on/off)
- External sensor (ref.-no.: FF NTC, FF 7.8) can be connected
- Input for switching to cooling mode
- Interrupts the heating process after 60 minutes (overheating protection of a heater)

Ref.-no.
1790 RTR

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
Number of valve drives:	1 ... 10

External temperature sensor

for room thermostat ref.-no.: 1790 RTR, TR D .. 1790 ..
The sensor cable can be connected using a bifilar cable of 1.5 mm² 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.

Ref.-no.
FF NTC

Technical data

Dimensions (Ø x H):	7.8 x 20 mm
Cable length:	4 m (can be extended up to 50 m)
Degree of protection:	IP 67

Thermal valve drive 230 V

- 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

Ref.-no.
TSA 230 NC WW

Technical data

Rated voltage:	AC 230 V ~ (± 15 %)
Power consumption during operation:	1.7 W
Switch-on current:	150 mA
Valve lift:	max. 4.5 mm
Cable length:	1 m

Thermal valve drive 24 V

- 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

Ref.-no.
TSA 24 NC WW

Technical data

Rated voltage:	DC 24 V (± 20 %)
Rated voltage:	AC 24 V ~ (± 20 %)
Power consumption during operation:	1.6 W
Switch-on current:	200 mA
Valve lift:	max. 4.5 mm
Cable length:	1 m

JUNG HOME push-button

for inserts "blinds" ref.-no.: 1730 JE and 1731 JE
for inserts "light" ref.-no.: 1701 SE, 1701 PSE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1712 DE, 1713 DSTE, 1723 NE

Intended use
- Manual and automatic operation of e.g. blinds/shutters, lighting or fans
- Wireless linking with JUNG HOME system devices
- Operation with system insert for switching, dimming, blind or satellite insert 3-wire

Product characteristics
- Commissioning and operation using JUNG HOME app with mobile terminal device (smartphone or tablet) via Bluetooth®
- Top, bottom and full-surface operation with up to 2 linked functions per rocker
- Use the operating buttons to control groups, central functions or to call up light scenes
- Use the operating buttons to operate wirelessly linked JUNG HOME devices
- Multi-coloured status indicator with optional night mode
- Actuator status feedback via status LED
- Disabling of local operation
- Local actuator integrated into groups, central functions and light scenes
- Up to 16 time programs control the functions of the respective insert (e.g. switch ON/OFF, dim, move blind, adjust temperature)
- Stairwell function (lighting cannot be switched off manually) with switch-off warning
- Run-on time
- Activate/deactivate automatic operation using JUNG HOME app
- Automatic summer/winter time changeover
- Automatic date and time update when connecting with smartphone
- Maximum and minimum brightness adjustable, with dimming insert
- Switch-on with last brightness or fixed switch-on brightness, with dimming insert
- Ventilation position, blind/shutter running time, slat change-over time, change-over time for direction change and inverse operation adjustable, with blind insert
- Evaluation of the satellite inputs (if present) for controlling the insert
- Bluetooth® SIG Mesh for fully encrypted wireless communication and repeater function
- Can be updated using JUNG HOME app

Available in future via update:
(Notes on updates and schedules can be found at www.jung.de/JUNGHOME)
- Use the operating buttons to trigger the disable and override functions
- Time programs with sunrise or sunset (astro function)
- Time programs with random timing
- Disable and override functions: Lock-out protection, continuous ON/OFF or ON/OFF for a fixed time
- Night light function with period for brightness reduction, with dimming insert
- Hotel function (orientation light instead of OFF), with dimming insert
- Warm dimming (changing of the colour temperature with simultaneous brightness increase), with dimming insert
- Switch-on delay / switch-off delay

A labelling request in the GRAPHIC TOOL must be submitted together with the order: www.jung.de/gt
Subsequent labelling of the buttons is not possible.

Technical data

Ambient temperature:	+5 ... +45 °C
Stora/transport temperature:	−25 ... +70 °C
Accuracy per month:	± 13 s
Power reserve:	approx. 4 h
Radio frequency:	2402.0 ... 2480.0 MHz
Transmitting power:	max. 10 mW (class 1.5)
Transmission range	
in buildings:	approx. 30 m

JUNG HOME push-button 1-gang

for AS range
available April 2023

	Ref.-no.
Duroplastic (scratch-proof) glossy	
ivory	BT AS 17101
white	BT AS 17101 WW

for A range
available April 2023

		Ref.-no.
Duroplastic (scratch-proof) glossy		
white	■	BT A 17101 WW
black	■	BT A 17101 SW
Duroplastic lacquered		
aluminium	■	BT A 17101 AL
champagne	■	BT A 17101 CH
mocha	■	BT A 17101 MO
Thermoplastic (breakproof) high-gloss		
white	■■	BT A 17101 BF WW
black	■■	BT A 17101 BF SW
matt lacquered		
matt anthracite	■	BT A 17101 BF ANM
matt snow white	■	BT A 17101 WWM
matt graphite black	■	BT A 17101 SWM

JUNG HOME push-button 1-gang

for CD range
available April 2023

		Ref.-no.
Duroplastic (scratch-proof) glossy		
ivory	■	BT CD 17101
white	■	BT CD 17101 WW
brown	■	BT CD 17101 BR
grey	■	BT CD 17101 GR
light grey	■	BT CD 17101 LG
black	■	BT CD 17101 SW
metal colours (duroplastic lacquered)		
gold-bronze	■	BT CD 17101 GB
platinum	■	BT CD 17101 PT

for LS range
available April 2023

		Ref.-no.
Duroplastic (scratch-proof) glossy		
ivory	■	BT LS 17101
white	■	BT LS 17101 WW
light grey	■	BT LS 17101 LG
black	■	BT LS 17101 SW
matt lacquered		
matt snow white	■	BT LS 17101 WWM
matt graphite black	■	BT LS 17101 SWM
Les Couleurs® Le Corbusier	■	BT LC 17101 ...
Metal versions		
aluminium	■■	BT AL 17101
stainless steel	■■	BT ES 17101
anthracite (aluminium lacquered)	■	BT AL 17101 AN
dark (aluminium lacquered)	■	BT AL 17101 D
classic brass	■	BT ME 17101 C
antique brass	■	BT ME 17101 AT

JUNG HOME push-button 1-gang with arrow symbols

for AS range
available April 2023

	Ref.-no.
Duroplastic (scratch-proof) glossy	
ivory	BT AS 17101 P
white	BT AS 17101 P WW

for A range
available April 2023

	Ref.-no.
Duroplastic (scratch-proof) glossy	
white	BT A 17101 P WW
black	BT A 17101 P SW
Duroplastic lacquered	
aluminium	BT A 17101 P AL
champagne	BT A 17101 P CH
mocha	BT A 17101 P MO
Thermoplastic (breakproof) high-gloss	
white	BT A 17101 BF P WW
black	BT A 17101 BF P SW
matt lacquered	
matt anthracite	BT A 17101 BF P ANM
matt snow white	BT A 17101 P WWM
matt graphite black	BT A 17101 P SWM

JUNG HOME push-button 1-gang with arrow symbols

for CD range
available April 2023

	Ref.-no.
Duroplastic (scratch-proof) glossy	
ivory	BT CD 17101 P
white	BT CD 17101 P WW
brown	BT CD 17101 P BR
grey	BT CD 17101 P GR
light grey	BT CD 17101 P LG
black	BT CD 17101 P SW
metal colours (duroplastic lacquered)	
gold-bronze	BT CD 17101 P GB
platinum	BT CD 17101 P PT

for LS range
available April 2023

	Ref.-no.
Duroplastic (scratch-proof) glossy	
ivory	BT LS 17101 P
white	BT LS 17101 P WW
light grey	BT LS 17101 P LG
black	BT LS 17101 P SW
matt lacquered	
matt snow white	BT LS 17101 P WWM
matt graphite black	BT LS 17101 P SWM
Les Couleurs® Le Corbusier	BT LC 17101 P ...
Metal versions	
aluminium	BT AL 17101 P
stainless steel	BT ES 17101 P
anthracite (aluminium lacquered)	BT AL 17101 P AN
dark (aluminium lacquered)	BT AL 17101 P D
classic brass	BT ME 17101 P C
antique brass	BT ME 17101 P AT

JUNG HOME push-button 2-gang

for AS range
available April 2023

		Ref.-no.
Duroplastic (scratch-proof) glossy		
ivory	■	BT AS 17102
white	■	BT AS 17102 WW

for A range
available April 2023

		Ref.-no.
Duroplastic (scratch-proof) glossy		
white	■	BT A 17102 WW
black	■	BT A 17102 SW
Duroplastic lacquered		
aluminium	■	BT A 17102 AL
champagne	■	BT A 17102 CH
mocha	■	BT A 17102 MO
Thermoplastic (breakproof) high-gloss		
white	■■	BT A 17102 BF WW
black	■■	BT A 17102 BF SW
matt lacquered		
matt anthracite	■	BT A 17102 BF ANM
matt snow white	■	BT A 17102 WWM
matt graphite black	■	BT A 17102 SWM

JUNG HOME push-button 2-gang

for CD range
available April 2023

		Ref.-no.
Duroplastic (scratch-proof) glossy		
ivory	■	BT CD 17102
white	■	BT CD 17102 WW
brown	■	BT CD 17102 BR
grey	■	BT CD 17102 GR
light grey	■	BT CD 17102 LG
black	■	BT CD 17102 SW
metal colours (duroplastic lacquered)		
gold-bronze	■	BT CD 17102 GB
platinum	■	BT CD 17102 PT

for LS range
available April 2023

		Ref.-no.
Duroplastic (scratch-proof) glossy		
ivory	■	BT LS 17102
white	■	BT LS 17102 WW
light grey	■	BT LS 17102 LG
black	■	BT LS 17102 SW
matt lacquered		
matt snow white	■	BT LS 17102 WWM
matt graphite black	■	BT LS 17102 SWM
Les Couleurs® Le Corbusier		BT LC 17102 ...
Metal versions		
aluminium	■■	BT AL 17102
stainless steel	■■	BT ES 17102
anthracite (aluminium lacquered)	■	BT AL 17102 AN
dark (aluminium lacquered)	■	BT AL 17102 D
classic brass	■	BT ME 17102 C
antique brass	■	BT ME 17102 AT

JUNG HOME push-button 2-gang with arrow symbols

for AS range
available April 2023

	Ref.-no.
Duroplastic (scratch-proof) glossy	
ivory	**BT AS 17102 P**
white	**BT AS 17102 P WW**

for A range
available April 2023

	Ref.-no.
Duroplastic (scratch-proof) glossy	
white	**BT A 17102 P WW**
black	**BT A 17102 P SW**
Duroplastic lacquered	
aluminium	**BT A 17102 P AL**
champagne	**BT A 17102 P CH**
mocha	**BT A 17102 P MO**
Thermoplastic (breakproof) high-gloss	
white	**BT A 17102 BF P WW**
black	**BT A 17102 BF P SW**
matt lacquered	
matt anthracite	**BT A 17102 BF P ANM**
matt snow white	**BT A 17102 P WWM**
matt graphite black	**BT A 17102 P SWM**

JUNG HOME push-button 2-gang with arrow symbols

for CD range
available April 2023

	Ref.-no.
Duroplastic (scratch-proof) glossy	
ivory	**BT CD 17102 P**
white	**BT CD 17102 P WW**
brown	**BT CD 17102 P BR**
grey	**BT CD 17102 P GR**
light grey	**BT CD 17102 P LG**
black	**BT CD 17102 P SW**
metal colours (duroplastic lacquered)	
gold-bronze	**BT CD 17102 P GB**
platinum	**BT CD 17102 P PT**

for LS range
available April 2023

	Ref.-no.
Duroplastic (scratch-proof) glossy	
ivory	**BT LS 17102 P**
white	**BT LS 17102 P WW**
light grey	**BT LS 17102 P LG**
black	**BT LS 17102 P SW**
matt lacquered	
matt snow white	**BT LS 17102 P WWM**
matt graphite black	**BT LS 17102 P SWM**
Les Couleurs® Le Corbusier	**BT LC 17102 P ...**
Metal versions	
aluminium	**BT AL 17102 P**
stainless steel	**BT ES 17102 P**
anthracite (aluminium lacquered)	**BT AL 17102 P AN**
dark (aluminium lacquered)	**BT AL 17102 P D**
classic brass	**BT ME 17102 P C**
antique brass	**BT ME 17102 P AT**

JUNG HOME push-button, battery-powered

including mounting plate, adhesive film and fastening screw
available in the 2nd half of 2023

Intended use
- Operation of e.g. blinds/shutters, lighting or fans
- Wireless linking with JUNG HOME system devices
- Mounting on wall box with dimensions according to DIN 49073
- Screw fixing on walls or adhesive fixing on smooth surfaces

Product characteristics
- Commissioning and operation using JUNG HOME app with mobile terminal device (smartphone or tablet) via Bluetooth®
- Top, bottom and full-surface operation with up to 2 linked functions per rocker
- Use the operating buttons to operate wirelessly linked JUNG HOME devices
- Use the operating buttons to control groups, central functions or to call up light scenes
- Multi-coloured status indicator
- Battery status message via LED and JUNG HOME app
- Actuator status feedback via status LED
- Disabling of local operation
- Bluetooth® SIG Mesh for fully encrypted wireless communication and repeater function
- Can be updated using JUNG HOME app

Available in future via update:
(Notes on updates and schedules can be found at www.jung.de/JUNGHOME)
- Use the operating buttons to trigger the disable and override functions

Technical data

Rated voltage:	DC 3 V
Ambient temperature:	−5 ... +45 °C
Stora/transport temperature:	−25 ... +70 °C
Battery type:	1 x Lithium CR 2450N (recommended) or CR 2450
Battery life	typical 4 to 5 years
Radio frequency:	2402.0 ... 2480.0 MHz
Transmitting power:	max. 10 mW, class 1.5
Transmission range in buildings:	approx. 30 m

JUNG HOME push-button 1-gang, battery-powered

for rockers ref.-no. .. 101 KO5 .. of the AS and A ranges
available in the 2nd half of 2023

Ref.-no.
BT A 1001

1-gang rocker with lens

for JUNG HOME push-button 1-gang, battery-powered, ref.-no.: Art.-Nr.: BT A 1001

	Ref.-no.
Duroplastic (scratch-proof) glossy	
ivory	■ **AS 101 KO5**
white	■ **AS 101 KO5 WW**

1-gang rocker with lens and arrow symbols

for JUNG HOME push-button 1-gang, battery-powered, ref.-no.: Art.-Nr.: BT A 1001

	Ref.-no.
Duroplastic (scratch-proof) glossy	
ivory	**AS 101 KO5P**
white	**AS 101 KO5P WW**

JUNG HOME push-button 2-gang, battery-powered

for rockers ref.-no. .. 102 KO5 .. of the AS and A ranges
available in the 2nd half of 2023

Ref.-no.
BT A 1002

2-gang rocker with lens

for JUNG HOME push-button 1-gang, battery-powered, ref.-no.: Art.-Nr.: BT A 1002

	Ref.-no.
Duroplastic (scratch-proof) glossy	
ivory	■ **AS 102 KO5**
white	■ **AS 102 KO5 WW**

2-gang rocker with lens and arrow symbols

for JUNG HOME push-button 1-gang, battery-powered, ref.-no.: Art.-Nr.: BT A 1002

	Ref.-no.
Duroplastic (scratch-proof) glossy	
ivory	**AS 102 KO5P**
white	**AS 102 KO5P WW**

JUNG HOME push-button 1-gang, battery-powered

for rockers ref.-no. .. 101 KO5 .. of the AS and A ranges
available in the 2nd half of 2023

	Ref.-no.
	BT A 1001

1-gang rocker with lens

for JUNG HOME push-button 1-gang, battery-powered, ref.-no.: Art.-Nr.: BT A 1001

		Ref.-no.
Duroplastic (scratch-proof) glossy		
white	■	**A 101 KO5 WW**
black	■	**A 101 KO5 SW**
Duroplastic lacquered		
aluminium	■■	**A 101 KO5 AL**
champagne	■	**A 101 KO5 CH**
mocha	■	**A 101 KO5 MO**
Thermoplastic (breakproof) high-gloss		
white	■■	**A 101 KO5 BF WW**
black	■■	**A 101 KO5 BF SW**
matt lacquered		
matt snow white	■	**A 101 KO5 BF WWM**
matt graphite black	■	**A 101 KO5 BF SWM**
matt anthracite	■	**A 101 KO5 BF ANM**

1-gang rocker with lens and arrow symbols

for JUNG HOME push-button 1-gang, battery-powered, ref.-no.: Art.-Nr.: BT A 1001

	Ref.-no.
Duroplastic (scratch-proof) glossy	
white	**A 101 KO5P WW**
black	**A 101 KO5P SW**
Duroplastic lacquered	
aluminium	**A 101 KO5P AL**
champagne	**A 101 KO5P CH**
mocha	**A 101 KO5P MO**
Thermoplastic (breakproof) high-gloss	
white	**A 101 KO5P BF WW**
black	**A 101 KO5P BF SW**
matt lacquered	
matt snow white	**A 101 KO5P BF WWM**
matt graphite black	**A 101 KO5P BF SWM**
matt anthracite	**A 101 KO5P BF ANM**

JUNG HOME push-button 2-gang, battery-powered

for rockers ref.-no. .. 102 KO5 .. of the AS and A ranges
available in the 2nd half of 2023

	Ref.-no.
	BT A 1002

2-gang rocker with lens

for JUNG HOME push-button 1-gang, battery-powered, ref.-no.: Art.-Nr.: BT A 1002

		Ref.-no.
Duroplastic (scratch-proof) glossy		
white	■	**A 102 KO5 WW**
black	■	**A 102 KO5 SW**
Duroplastic lacquered		
aluminium	■■	**A 102 KO5 AL**
champagne	■	**A 102 KO5 CH**
mocha	■	**A 102 KO5 MO**
Thermoplastic (breakproof) high-gloss		
white	■■	**A 102 KO5 BF WW**
black	■■	**A 102 KO5 BF SW**
matt lacquered		
matt snow white	■	**A 102 KO5 BF WWM**
matt graphite black	■	**A 102 KO5 BF SWM**
matt anthracite	■	**A 102 KO5 BF ANM**

2-gang rocker with lens and arrow symbols

for JUNG HOME push-button 1-gang, battery-powered, ref.-no.: Art.-Nr.: BT A 1002

	Ref.-no.
Duroplastic (scratch-proof) glossy	
white	**A 102 KO5P WW**
black	**A 102 KO5P SW**
Duroplastic lacquered	
aluminium	**A 102 KO5P AL**
champagne	**A 102 KO5P CH**
mocha	**A 102 KO5P MO**
Thermoplastic (breakproof) high-gloss	
white	**A 102 KO5P BF WW**
black	**A 102 KO5P BF SW**
matt lacquered	
matt snow white	**A 102 KO5P BF WWM**
matt graphite black	**A 102 KO5P BF SWM**
matt anthracite	**A 102 KO5P BF ANM**

JUNG HOME push-button 1-gang, battery-powered

for rockers ref.-no. .. 101 KO5 .. of the CD and LS ranges
available in the 2nd half of 2023

	Ref.-no.
	BT LS CD 1001

1-gang rocker with lens

for JUNG HOME push-button 1-gang, battery-powered, ref.-no.: Art.-Nr.: BT LS CD 1001

		Ref.-no.
Duroplastic (scratch-proof) glossy		
ivory	■	**CD 101 KO5**
white	■	**CD 101 KO5 WW**
brown	■	**CD 101 KO5 BR**
grey	■	**CD 101 KO5 GR**
light grey	■	**CD 101 KO5 LG**
black	■	**CD 101 KO5 SW**
Metal versions (anodized aluminium)		
gold-bronze	■■	**CD 101 KO5 GB**
platinum	■■	**CD 101 KO5 PT**

1-gang rocker with lens and arrow symbols

for JUNG HOME push-button 1-gang, battery-powered, ref.-no.: Art.-Nr.: BT LS CD 1001

	Ref.-no.
Duroplastic (scratch-proof) glossy	
ivory	**CD 101 KO5P**
white	**CD 101 KO5P WW**
brown	**CD 101 KO5P BR**
grey	**CD 101 KO5P GR**
light grey	**CD 101 KO5P LG**
black	**CD 101 KO5P SW**
Metal versions (anodized aluminium)	
gold-bronze	**CD 101 KO5P GB**
platinum	**CD 101 KO5P PT**

JUNG HOME push-button 2-gang, battery-powered

for rockers ref.-no. .. 102 KO5 .. of the CD and LS ranges
available in the 2nd half of 2023

	Ref.-no.
	BT LS CD 1002

2-gang rocker with lens

for JUNG HOME push-button 2-gang, battery-powered, ref.-no.: Art.-Nr.: BT LS CD 1002

		Ref.-no.
Duroplastic (scratch-proof) glossy		
ivory	■	**CD 102 KO5**
white	■	**CD 102 KO5 WW**
brown	■	**CD 102 KO5 BR**
grey	■	**CD 102 KO5 GR**
light grey	■	**CD 102 KO5 LG**
black	■	**CD 102 KO5 SW**
metal colours (duroplastic lacquered)		
gold-bronze	■	**CD 102 KO5 GB**
platinum	■	**CD 102 KO5 PT**

2-gang rocker with lens and arrow symbols

for JUNG HOME push-button 2-gang, battery-powered, ref.-no.: Art.-Nr.: BT LS CD 1002

	Ref.-no.
Duroplastic (scratch-proof) glossy	
ivory	**CD 102 KO5P**
white	**CD 102 KO5P WW**
brown	**CD 102 KO5P BR**
grey	**CD 102 KO5P GR**
light grey	**CD 102 KO5P LG**
black	**CD 102 KO5P SW**
metal colours (duroplastic lacquered)	
gold-bronze	**CD 102 KO5P GB**
platinum	**CD 102 KO5P PT**

JUNG HOME push-button 1-gang, battery-powered

for rockers ref.-no. .. 101 KO5 .. of the CD and LS ranges
available in the 2nd half of 2023

	Ref.-no.
	BT LS CD 1001

1-gang rocker with lens

for JUNG HOME push-button 1-gang, battery-powered, ref.-no.: Art.-Nr.: BT LS CD 1001

		Ref.-no.
Duroplastic (scratch-proof) glossy		
ivory	■	**LS 101 KO5**
white	■	**LS 101 KO5 WW**
light grey	■	**LS 101 KO5 LG**
black	■	**LS 101 KO5 SW**
matt lacquered		
matt snow white	■	**LS 101 KO5 WWM**
matt graphite black	■	**LS 101 KO5 SWM**
Les Couleurs® Le Corbusier		**LC 101 KO5 ...**
Metal versions		
aluminium	■■	**AL 101 KO5**
stainless steel	■■	**ES 101 KO5**
anthracite (aluminium lacquered)	■	**AL 101 KO5 AN**
dark (aluminium lacquered)	■	**AL 101 KO5 D**
chrome	■	**GCR 101 KO5**
gold-coloured	■	**GO 101 KO5**
classic brass	■	**ME 101 KO5 C**
antique brass	■	**ME 101 KO5 AT**

1-gang rocker with lens and arrow symbols

for JUNG HOME push-button 1-gang, battery-powered, ref.-no.: Art.-Nr.: BT LS CD 1001

	Ref.-no.
Duroplastic (scratch-proof) glossy	
ivory	**LS 101 KO5P**
white	**LS 101 KO5P WW**
light grey	**LS 101 KO5P LG**
black	**LS 101 KO5P SW**
matt lacquered	
matt snow white	**LS 101 KO5P WWM**
matt graphite black	**LS 101 KO5P SWM**
Les Couleurs® Le Corbusier	**LC 101 KO5P ...**
Metal versions	
aluminium	**AL 101 KO5P**
stainless steel	**ES 101 KO5P**
anthracite (aluminium lacquered)	**AL 101 KO5P AN**
dark (aluminium lacquered)	**AL 101 KO5P D**
chrome	**GCR 101 KO5P**
gold-coloured	**GO 101 KO5P**
classic brass	**ME 101 KO5P C**
antique brass	**ME 101 KO5P AT**

JUNG HOME push-button 2-gang, battery-powered

for rockers ref.-no. .. 102 KO5 .. of the CD and LS ranges
available in the 2nd half of 2023

	Ref.-no.
	BT LS CD 1002

2-gang rocker with lens

for JUNG HOME push-button 2-gang, battery-powered, ref.-no.: Art.-Nr.: BT LS CD 1002

		Ref.-no.
Duroplastic (scratch-proof) glossy		
ivory	■	**LS 102 KO5**
white	■	**LS 102 KO5 WW**
light grey	■	**LS 102 KO5 LG**
black	■	**LS 102 KO5 SW**
matt lacquered		
matt snow white	■	**LS 102 KO5 WWM**
matt graphite black	■	**LS 102 KO5 SWM**
Les Couleurs® Le Corbusier		**LC 102 KO5 ...**
Metal versions		
aluminium	■■	**AL 102 KO5**
stainless steel	■■	**ES 102 KO5**
anthracite (aluminium lacquered)	■	**AL 102 KO5 AN**
dark (aluminium lacquered)	■	**AL 102 KO5 D**
chrome	■	**GCR 102 KO5**
gold-coloured	■	**GO 102 KO5**
classic brass	■	**ME 102 KO5 C**
antique brass	■	**ME 102 KO5 AT**

2-gang rocker with lens and arrow symbols

for JUNG HOME push-button 2-gang, battery-powered, ref.-no.: Art.-Nr.: BT LS CD 1002

	Ref.-no.
Duroplastic (scratch-proof) glossy	
ivory	**LS 102 KO5P**
white	**LS 102 KO5P WW**
light grey	**LS 102 KO5P LG**
black	**LS 102 KO5P SW**
matt lacquered	
matt snow white	**LS 102 KO5P WWM**
matt graphite black	**LS 102 KO5P SWM**
Les Couleurs® Le Corbusier	**LC 102 KO5P ...**
Metal versions	
aluminium	**AL 102 KO5P**
stainless steel	**ES 102 KO5P**
anthracite (aluminium lacquered)	**AL 102 KO5P AN**
dark (aluminium lacquered)	**AL 102 KO5P D**
chrome	**GCR 102 KO5P**
gold-coloured	**GO 102 KO5P**
classic brass	**ME 102 KO5P C**
antique brass	**ME 102 KO5P AT**

JUNG HOME room thermostat display

for room thermostat insert ref.-no.: 1790 RTR
for switch inserts ref.-no.: 1701 SE, 1701 PSE, 1704 ESE
for satellite insert 3-wire, power supply ref.-no.: 1723 NE

Intended use
- Manual and time-controlled regulation of the room temperature
- Wireless linking with JUNG HOME system devices
- Operation with system insert for room temperature control
- Operation with system insert for switching or satellite insert 3-wire

Product characteristics
- Commissioning and operation using JUNG HOME app with mobile terminal device (smartphone or tablet) via Bluetooth®
- Up to 16 time programs for automatic heating
- Simple activation and deactivation of individual time programs using the JUNG HOME app
- Activate/deactivate automatic operation using JUNG HOME app or local operation
- Automatic summer/winter time changeover
- Automatic date and time update when connecting with smartphone
- Setting a comfort, ECO, cooling and frost protection temperature
- Minimum and maximum temperature values adjustable
- Boost function: Quick heat-up for max. 5 minutes
- Illuminated segment display for easy reading
- Disabling of local operation
- Local actuator integrated into groups, central functions and light scenes
- Optimised heating up (temperature is reached at the set time), can be switched off
- Adaptation to valves (normally open or normally closed)
- 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 for 5 minutes after 60 minutes
- Display switch-off after 2 minutes or continuous display possible
- On a satellite insert 3-wire, the device works as an external temperature sensor

Available in future via update:
(Notes on updates and schedules can be found at www.jung.de/JUNGHOME)
- Holiday program reduces heating costs during absence and heats up the room again before return
- Time programs with sunrise or sunset (astro function)

Technical data

Ambient temperature:	–5 ... +45 °C
Stora/transport temperature:	–20 ... +70 °C
Accuracy per month:	± 10 s
Power reserve:	min. 4 h
Radio frequency:	2402.0 ... 2480.0 MHz
Transmitting power:	max. 10 mW (class 1.5)
Transmission range	
in buildings:	approx. 30 m
Regulator class (EU 811/2013):	IV
Contribution to energy efficiency:	2 %

for AS and A ranges
available April 2023

	Ref.-no.
white	**BT A 1791 WW**
black	**BT A 1791 SW**

for CD range
available April 2023

	Ref.-no.
white	**BT CD 1791 WW**
black	**BT CD 1791 SW**

for LS range
available April 2023

	Ref.-no.
white	**BT LS 1791 WW**
black	**BT LS 1791 SW**

Room thermostat insert, ref.-no.: 1790 RTR see page 82

JUNG HOME motion detector 1.1 m

for inserts "light" ref.-no.: 1701 SE, 1701 PSE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1712 DE, 1713 DSTE, 1723 NE

Intended use
- Automatic switching of lighting depending on the thermal movement and ambient brightness
- Wireless linking with JUNG HOME system devices
- Operation with system insert for switching or dimming or satellite insert 3-wire
- Wall installation on system insert

Product characteristics
- Commissioning and operation using JUNG HOME app with mobile terminal device (smartphone or tablet) via Bluetooth®
- Switch for continuous ON/OFF or automatic operation
- Detection range extended by combining several JUNG HOME motion detectors or via satellite input
- Screen for limiting the detection area
- Multi-coloured status indicator with optional night mode
- Disabling of local operation
- Free linking of the motion sensor with actuator in the insert or wirelessly with other JUNG HOME devices or for calling up a light scene
- Up to 16 time programs control the functions of the respective insert (ON/OFF switching or dimming)
- Stairwell function (lighting cannot be switched off manually) with switch-off warning
- Run-on time
- Activate/deactivate automatic operation using JUNG HOME app
- Automatic summer/winter time changeover
- Automatic date and time update when connecting with smartphone
- Maximum and minimum brightness adjustable, with dimming insert
- Switch-on with last brightness or fixed switch-on brightness, with dimming insert
- Local actuator integrated into groups, central functions and light scenes
- Evaluation of the satellite inputs (if present) for controlling the insert
- Bluetooth® SIG Mesh for fully encrypted wireless communication and repeater function
- Can be updated using JUNG HOME app

Available in future via update:
(Notes on updates and schedules can be found at www.jung.de/JUNGHOME)
- Time programs with sunrise or sunset (astro function)
- Time programs with random timing
- Dynamic run-on time
- Disable and override functions: Continuous ON/OFF or ON/OFF for fixed time
- Night light function with period for brightness reduction, with dimming insert
- Hotel function (orientation light instead of OFF), with dimming insert
- Warm dimming (changing of the colour temperature with simultaneous brightness increase), with dimming insert
- Switch-on delay / switch-off delay

Technical data

Ambient temperature:	−5 ... +45 °C
Transport temperature:	−25 ... +70 °C
Storing temperature:	−5 ... +45 °C
Relative humidity:	20 ... 70 % (no condensation)
Degree of protection:	IP 20
Accuracy per month:	± 13 s
Power reserve:	min. 4 h
Detection angle:	180°
Mounting height:	1.10 m
Sensitivity:	0, 25, 50, 75, 100 %
Brightness setting:	approx. 5 ... 1,000 lx (and daytime operation)
Shut-off delay:	approx. 10 s ... 60 min
Radio frequency:	2402.0 ... 2480.0 MHz
Transmitting power:	max. 10 mW (class 1.5)
Transmission range in buildings:	approx. 30 m

for AS and A ranges
available April 2023

	Ref.-no.
Thermoplastic (breakproof) high-gloss	
ivory	BT A 17181
white	BT A 17181 WW
black	BT A 17181 SW
Thermoplastic (breakproof) lacquered	
aluminium	BT A 17181 AL
champagne	BT A 17181 CH
mocha	BT A 17181 MO
matt lacquered	
matt snow white	BT A 17181 WWM
matt graphite black	BT A 17181 SWM
matt anthracite	BT A 17181 ANM

for CD range
available April 2023

	Ref.-no.
Thermoplastic (breakproof) high-gloss	
ivory	BT CD 17181
white	BT CD 17181 WW
brown	BT CD 17181 BR
grey	BT CD 17181 GR
light grey	BT CD 17181 LG
black	BT CD 17181 SW
metal colours (thermoplastic lacquered)	
gold-bronze	BT CD 17181 GB
platinum	BT CD 17181 PT

for LS range
available April 2023

	Ref.-no.
Thermoplastic (breakproof) high-gloss	
ivory	BT LS 17181
white	BT LS 17181 WW
light grey	BT LS 17181 LG
black	BT LS 17181 SW
matt lacquered	
matt snow white	BT LS 17181 WWM
matt graphite black	BT LS 17181 SWM
Les Couleurs® Le Corbusier	BT LC 17181 ...
metal colours (thermoplastic lacquered)	
aluminium	BT AL 17181
stainless steel	BT ES 17181
anthracite	BT AL 17181 AN
dark	BT AL 17181 D
classic brass	BT ME 17181 C
antique brass	BT ME 17181 AT

JUNG HOME motion detector 1.1 m

for inserts "light" ref.-no.: 1701 SE, 1701 PSE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1712 DE, 1713 DSTE, 1723 NE
IP 44 suitable only for interiors

Intended use
- Automatic switching of lighting depending on the thermal movement and ambient brightness
- Wireless linking with JUNG HOME system devices
- Operation with system insert for switching or dimming or satellite insert 3-wire
- Wall installation on system insert

Product characteristics
- Commissioning and operation using JUNG HOME app with mobile terminal device (smartphone or tablet) via Bluetooth®
- Switch for continuous ON/OFF or automatic operation
- Detection range extended by combining several JUNG HOME motion detectors or via satellite input
- Screen for limiting the detection area
- Multi-coloured status indicator with optional night mode
- Disabling of local operation
- Free linking of the motion sensor with actuator in the insert or wirelessly with other JUNG HOME devices or for calling up a light scene
- Up to 16 time programs control the functions of the respective insert (ON/OFF switching or dimming)
- Stairwell function (lighting cannot be switched off manually) with switch-off warning
- Run-on time
- Activate/deactivate automatic operation using JUNG HOME app
- Automatic summer/winter time changeover
- Automatic date and time update when connecting with smartphone
- Maximum and minimum brightness adjustable, with dimming insert
- Switch-on with last brightness or fixed switch-on brightness, with dimming insert
- Local actuator integrated into groups, central functions and light scenes
- Evaluation of the satellite inputs (if present) for controlling the insert
- Bluetooth® SIG Mesh for fully encrypted wireless communication and repeater function
- Can be updated using JUNG HOME app

Available in future via update:
(Notes on updates and schedules can be found at www.jung.de/JUNGHOME)
- Time programs with sunrise or sunset (astro function)
- Time programs with random timing
- Dynamic run-on time
- Disable and override functions: Continuous ON/OFF or ON/OFF for fixed time
- Night light function with period for brightness reduction, with dimming insert
- Hotel function (orientation light instead of OFF), with dimming insert
- Warm dimming (changing of the colour temperature with simultaneous brightness increase), with dimming insert
- Switch-on delay / switch-off delay

Technical data

Ambient temperature:	−5 ... +45 °C
Transport temperature:	−25 ... +70 °C
Storing temperature:	−5 ... +45 °C
Relative humidity:	20 ... 70 % (no condensation)
Degree of protection:	IP 44
Accuracy per month:	± 13 s
Power reserve:	min. 4 h
Detection angle:	180°
Mounting height:	1.10 m
Sensitivity:	0, 25, 50, 75, 100 %
Brightness setting:	approx. 5 ... 1,000 lx (and daytime operation)
Shut-off delay:	approx. 10 s ... 60 min
Radio frequency:	2402.0 ... 2480.0 MHz
Transmitting power:	max. 10 mW (class 1.5)
Transmission range in buildings:	approx. 30 m

for AS and A ranges
available April 2023

	Ref.-no.
Thermoplastic (breakproof) high-gloss	
ivory	■ BT A 17181 WU
white	■ BT A 17181 WU WW

for CD range
available April 2023

	Ref.-no.
Thermoplastic (breakproof) high-gloss	
ivory	■ BT CD 17181 WU
white	■ BT CD 17181 WU WW
brown	■ BT CD 17181 WU BR
grey	■ BT CD 17181 WU GR
light grey	■ BT CD 17181 WU LG
black	■ BT CD 17181 WU SW
metal colours (thermoplastic lacquered)	
gold-bronze	■ BT CD 17181 WU GB
platinum	■ BT CD 17181 WU PT

for LS range
available April 2023

	Ref.-no.
Thermoplastic (breakproof) high-gloss	
ivory	■ BT LS 17181 WU
white	■ BT LS 17181 WU WW
light grey	■ BT LS 17181 WU LG
black	■ BT LS 17181 WU SW
matt lacquered	
matt snow white	■ BT LS 17181 WU WWM
matt graphite black	■ BT LS 17181 WU SWM
metal colours (thermoplastic lacquered)	
aluminium	■ BT AL 17181 WU
stainless steel	■ BT ES 17181 WU
anthracite	■ BT AL 17181 WU AN
dark	■ BT AL 17181 WU D
classic brass	■ BT ME 17181 WU C
antique brass	■ BT ME 17181 WU AT

JUNG HOME motion detector 2.2 m

for inserts "light" ref.-no.: 1701 SE, 1701 PSE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1712 DE, 1713 DSTE, 1723 NE
IP 44 suitable for installation in interiors and exteriors

Intended use
- Automatic switching of lighting depending on the thermal movement and ambient brightness
- Wireless linking with JUNG HOME system devices
- Operation with system insert for switching or dimming or satellite insert 3-wire
- Wall installation on system insert

Product characteristics
- Commissioning and operation using JUNG HOME app with mobile terminal device (smartphone or tablet) via Bluetooth®
- 2 buttons for continuous ON/OFF or automatic operation
- Detection range extended by combining several JUNG HOME motion detectors or via satellite input
- Multi-coloured status indicator with optional night mode
- Disabling of local operation
- Free linking of the motion sensor with actuator in the insert or wirelessly with other JUNG HOME devices or for calling up a light scene
- Up to 16 time programs control the functions of the respective insert (ON/OFF switching or dimming)
- Stairwell function (lighting cannot be switched off manually) with switch-off warning
- Run-on time
- Activate/deactivate automatic operation using JUNG HOME app
- Automatic summer/winter time changeover
- Automatic date and time update when connecting with smartphone
- Maximum and minimum brightness adjustable, with dimming insert
- Switch-on with last brightness or fixed switch-on brightness, with dimming insert
- Local actuator integrated into groups, central functions and light scenes
- Evaluation of the satellite inputs (if present) for controlling the insert
- Bluetooth® SIG Mesh for fully encrypted wireless communication and repeater function
- Can be updated using JUNG HOME app

Available in future via update:
(Notes on updates and schedules can be found at www.jung.de/JUNGHOME)
- Time programs with sunrise or sunset (astro function)
- Time programs with random timing
- Dynamic run-on time
- Disable and override functions: Continuous ON/OFF or ON/OFF for fixed time
- Night light function with period for brightness reduction, with dimming insert
- Hotel function (orientation light instead of OFF), with dimming insert
- Warm dimming (changing of the colour temperature with simultaneous brightness increase), with dimming insert
- Switch-on delay / switch-off delay

Technical data
Ambient temperature:	−5 ... +45 °C
Transport temperature:	−25 ... +70 °C
Storing temperature:	−5 ... +45 °C
Relative humidity:	20 ... 70 % (no condensation)
Degree of protection:	IP 20
Accuracy per month:	± 13 s
Power reserve:	min. 4 h
Detection angle:	180°
Mounting height:	1.1 / 2.2 m
Sensitivity:	0, 25, 50, 75, 100 %
Brightness setting:	approx. 5 ... 1,000 lx (and daytime operation)
Shut-off delay:	approx. 10 s ... 60 min
Radio frequency:	2402.0 ... 2480.0 MHz
Transmitting power:	max. 10 mW (class 1.5)
Transmission range in buildings:	approx. 30 m

for AS and A ranges
Degree of protection IP 44 is ensured with sealing kit ref.-no. AS A 50 DS and "IP 44 frame" of the respective design range.
available April 2023

	Ref.-no.
Thermoplastic (breakproof) high-gloss	
ivory	■ BT A 17182
white	■ BT A 17182 WW
black	■ BT A 17182 SW
Thermoplastic (breakproof) lacquered	
aluminium	■ BT A 17182 AL
champagne	■ BT A 17182 CH
mocha	■ BT A 17182 MO
matt lacquered	
matt snow white	■ BT A 17182 WWM
matt graphite black	■ BT A 17182 SWM
matt anthracite	■ BT A 17182 ANM

for CD range
Degree of protection IP 44 is ensured with sealing kit ref.-no. AS CD 50 DS and "IP 44 frame" of the respective design range.
available April 2023

	Ref.-no.
Thermoplastic (breakproof) high-gloss	
ivory	■ BT CD 17182
white	■ BT CD 17182 WW
brown	■ BT CD 17182 BR
grey	■ BT CD 17182 GR
light grey	■ BT CD 17182 LG
black	■ BT CD 17182 SW
metal colours (thermoplastic lacquered)	
gold-bronze	■ BT CD 17182 GB
platinum	■ BT CD 17182 PT

for LS range
Degree of protection IP 44 is ensured with sealing kit ref.-no. AS CD 50 DS and "IP 44 frame" of the respective design range.
available April 2023

	Ref.-no.
Thermoplastic (breakproof) high-gloss	
ivory	■ BT LS 17182
white	■ BT LS 17182 WW
light grey	■ BT LS 17182 LG
black	■ BT LS 17182 SW
matt lacquered	
matt snow white	■ BT LS 17182 WWM
matt graphite black	■ BT LS 17182 SWM
Les Couleurs® Le Corbusier	■ BT LC 17182 ...
metal colours (thermoplastic lacquered)	
aluminium	■ BT AL 17182
stainless steel	■ BT ES 17182
anthracite	■ BT AL 17182 AN
dark	■ BT AL 17182 D
classic brass	■ BT ME 17182 C
antique brass	■ BT ME 17182 AT

JUNG HOME presence detector

for inserts "light" ref.-no.: 1701 SE, 1701 PSE, 1704 ESE, 1702 SE, 1710 DE, 1711 DE, 1712 DE, 1713 DSTE, 1723 NE
available April 2023

Intended use
- Automatic switching of lighting depending on the thermal movement and ambient brightness
- Wireless linking with JUNG HOME system devices
- Operation with system insert for switching or dimming or satellite insert 3-wire
- Ceiling installation on system insert

Product characteristics
- Commissioning and operation using JUNG HOME app with mobile terminal device (smartphone or tablet) via Bluetooth®
- Detection range extended by combining several JUNG HOME presence detectors or via satellite input
- Screen for limiting the detection area
- Setting the device as presence detector or motion detector
- Multi-coloured status indicator
- Disabling of local operation
- Free linking of the motion sensor with actuator in the insert or wirelessly with other JUNG HOME devices or for calling up a light scene
- Up to 16 time programs control the functions of the respective insert (ON/OFF switching or dimming)
- Stairwell function (lighting cannot be switched off manually) with switch-off warning
- Run-on time
- Activate/deactivate automatic operation using JUNG HOME app
- Automatic summer/winter time changeover
- Automatic date and time update when connecting with smartphone
- Maximum and minimum brightness adjustable, with dimming insert
- Switch-on with last brightness or fixed switch-on brightness, with dimming insert
- Local actuator integrated into groups, central functions and light scenes
- Evaluation of the satellite inputs (if present) for controlling the insert
- Bluetooth® SIG Mesh for fully encrypted wireless communication and repeater function
- Can be updated using JUNG HOME app

Available in future via update:
(Notes on updates and schedules can be found at www.jung.de/JUNGHOME)
- Time programs with sunrise or sunset (astro function)
- Time programs with random timing
- Disable and override functions: Continuous ON/OFF or ON/OFF for fixed time
- Switch-on delay / switch-off delay
- Night light function with period for brightness reduction, with dimming insert
- Hotel function (orientation light instead of OFF), with dimming insert
- Warm dimming (changing of the colour temperature with simultaneous brightness increase), with dimming insert
- Constant light control

	Ref.-no.
white	**BT 17361 WW**
aluminium	**BT 17361 AL**

Technical data
Ambient temperature:	−5 ... +45 °C
Transport temperature:	−25 ... +70 °C
Storing temperature:	−5 ... +45 °C
Relative humidity:	20 ... 70 % (no condensation)
Accuracy per month:	± 13 s
Power reserve:	min. 4 h
Dimensions (Ø x H):	103 x 66 mm
Detection angle:	360°
Detection range:	Ø approx. 20 m (Mounting height 3 m)
Sensitivity:	0, 25, 50, 75, 100 %
Brightness setting:	approx. 5 ... 1,000 lx (and daytime operation)
Shut-off delay:	approx. 10 s ... 60 min
Radio frequency:	2402.0 ... 2480.0 MHz
Transmitting power:	max. 10 mW (class 1.5)
Transmission range in buildings:	approx. 30 m

Surface-mounted housing

to fix power units for ceiling installation (surface-mounted) of motion and presence detectors ref.-no. DWPM 17360 WW, DWPM 17360 AL, BT 17361 WW, BT 17361 AL

	Ref.-no.
white	**PM-KAPPE**
aluminium (lacquered)	**PM-KAPPE AL**

Technical data
Dimensions (Ø x H):	103 x 45 mm

JUNG HOME switch actuator 1-gang mini with 2 binary inputs

available April 2023

Intended use
- Manual and automatic switching of lighting and common household devices
- Operation via binary inputs of the JUNG HOME actuator, JUNG HOME push-button, JUNG HOME sensors and JUNG HOME app
- Polling of conventional switching and push-button contacts for reporting states, triggering light scenes, operating electrical loads, etc.
- Wireless linking with JUNG HOME system devices
- Installation in flush box with dimensions according to DIN 49073
- Ceiling installation in the mini housing built-in adapter, ref.-no.: FM-EBG

Product characteristics
- Commissioning and operation using JUNG HOME app with mobile terminal device (smartphone or tablet) via Bluetooth®
- Operation via binary inputs with up to 2 linked functions per binary input
- Use binary inputs to operate switch actuators or wirelessly linked JUNG HOME actuators
- Use the operating buttons to control groups, central functions or to call up light scenes
- Button for switching and for commissioning
- Multi-coloured status indicator
- Disabling of local operation
- Wind alarm via connection of weather sensors to binary inputs
- Up to 16 time programs control the switch actuator functions
- Stairwell function (lighting cannot be switched off manually) with switch-off warning
- Run-on time
- Activate/deactivate automatic operation using JUNG HOME app
- Automatic summer/winter time changeover
- Automatic date and time update when connecting with smartphone
- Integrated 16A switch actuator
- Independent use of actuator functions and binary inputs
- Local actuator integrated into groups, central functions and light scenes
- Can be updated using JUNG HOME app
- Bluetooth® SIG Mesh for fully encrypted wireless communication and repeater function

Available in future via update:
(Notes on updates and schedules can be found at www.jung.de/JUNGHOME)
- Time programs with sunrise or sunset (astro function)
- Time programs with random timing
- Disable and override functions: Continuous ON/OFF or ON/OFF for fixed time
- Use the binary inputs to trigger the disable and override functions
- Switch-on delay / switch-off delay

Ref.-no.
BTS 1B 2U

Technical data

Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Input voltage:	AC 230 V ~
Stand-by power:	max. 0.2 W
Power loss:	max. 4 W
Ambient temperature:	−5 ... +45 °C
Stora/transport temperature:	−25 ... +70 °C
Relative humidity:	20 ... 70 % (no condensation)
Switching current at 35 °C	
Ohmic:	16 A (AC1)
Motors:	6 A
Installation depth:	20 mm
Accuracy per month:	± 13 s
Power reserve:	min. 4 h
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
Reduction of load	
for every 5 °C exceededing 25 °C:	−5 %
for installation into wooden or hollow walls:	−15 %
for installation into multiple combinations:	−20 %
Cable length	
Output cable:	max. 100 m
Binary input:	max. 50 m
Dimensions (L x W x H):	48 x 51 x 20 mm
Radio frequency:	2402.0 ... 2480.0 MHz
Transmitting power:	max. 10 mW (class 1.5)
Transmission range	
in buildings:	approx. 30 m

Mounting adapter for mini housing

The mounting adapter is equipped with a strain relief and a cover for the contact terminals.
It enables the installation of mini actuators into false ceilings or on DIN rails.
Dimensions: 97 x 53 x 36 mm

Ref.-no.
FM-EBG

JUNG HOME gateway

including power supply
including LAN cable
available in the 2nd half of 2023

Intended use
- Connecting JUNG HOME devices to myJUNG services, e.g. for voice control
- Enables other Smart Home systems in the local network to access JUNG HOME devices
- Only suitable for use in indoor areas that are free of dripping and splashing water
- For wall installation or as table-top device (top-hat rail mounting with separately available adapter for rail mounting, ref.-no.: MA-REG)

Product characteristics
- Commissioning and operation using JUNG HOME app with mobile terminal device (smartphone or tablet) via Bluetooth®
- Bluetooth® SIG Mesh for fully encrypted wireless communication and repeater function
- Encrypted communication via myJUNG services e.g. with services from Alexa, Google Home
- 3 status LEDs for commissioning and operation support
- Button for commissioning and for factory reset
- RJ45 socket and included LAN cable for connecting to WLAN router
- Can be updated using JUNG HOME app

The gateway has been awarded the "Smart Home - Information Security Tested" certificate by the VDE Institute.

Available in future via update:
(Notes on updates and schedules can be found at www.jung.de/JUNGHOME)
- Encrypted communication with local network e.g. with Mediola gateway

Ref.-no.
BTS GATEWAY
BTS GATEWAY-INT

Technical data

Gateway	
Power consumption stand-by:	< 2 W
Dimensions (L x W x H):	102 x 102 x 28 mm
Operating temperature:	−5 ... +45 °C
Stora/transport temperature:	−20 ... +70 °C
Degree of protection:	IP 20
Radio frequency:	2402.0 ... 2480.0 MHz
Transmission range	
in buildings:	approx. 30 m
Transmitting power:	10 dBm / 10 mW, class 1.5
LAN:	1 x 10/100/1000 Mbit/s
Power supply	
Supply voltage:	AC 230 V
Mains frequency:	50/60 Hz
Output voltage:	5 V SELV
Connection USB:	Micro USB-B

Mounting adapter for DIN rail

For mounting the JUNG HOME gateway
(ref.-no.: BTS GATEWAY..) on DIN rail for use in distribution boxes
available in the 2nd half of 2023

Ref.-no.
MA-REG

Frame 28 mm structure height

for horizontal and vertical installation
This frame allows flush-mounted devices with a large installation depth to be installed in an existing flat wall box. The frame raises the device supporting frame from the wall to provide an additional 17 mm of installation depth.
Note: Ensure sufficient clearance between the device and the bottom of the flush box (8 mm clearance according to VDE)

for A range

white
Thermoplastic (breakproof) high-gloss

1-gang	85 x 85 mm	▪▪	**A 5581 HBF WW**
2-gang	156 x 85 mm	▪▪	**A 5582 HBF WW**

for LS range

	Ref.-no.

white
Thermoplastic (breakproof) high-gloss

1-gang	81 x 81 mm	**LS 981 HBF WW**
2-gang	152 x 81 mm	**LS 982 HBF WW**

JUNG HOME

 Bluetooth®

JUNG

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