JUNG

JUNG HOME.
JUST SMART.

EN

MADE IN GERMANY SINCE 1912

JUNG HOME

JUNG HOME

Contents

You are the professional 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. In addition, awareness of the need to reduce CO_2 emissions is growing. 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 that the digitalisation of a building can be as simple 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 – 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 switch design

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

Bluetooth® Mesh makes it possible to set up a decentralised, wireless network. 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 across 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 set up, you can simply transfer the project to other people.

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

❄ Bluetooth®

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Albrecht JUNG GmbH & Co. KG is under license. Other trademarks and trade names are those of their respective owners.

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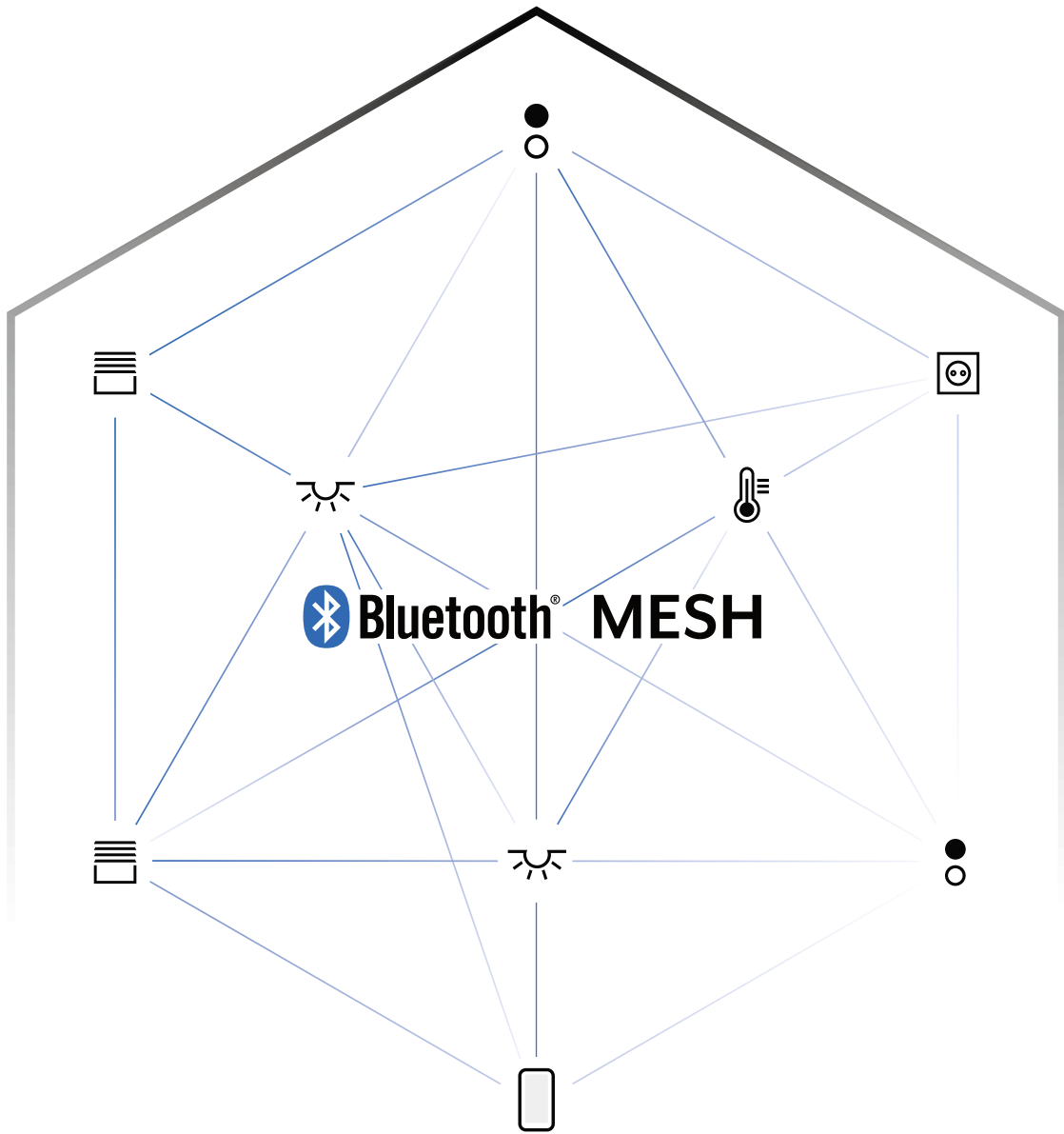
The system works
locally with the
JUNG HOME app.

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

JUNG HOME app V 1.2.0
The app is permanently developed and optimised. With version V 1.2.0 of the app, it is possible to synchronise configured projects from smartphone to smartphone. To do so, the owner must activate the project synchronisation in the basic configuration of the JUNG HOME app. A QR code is automatically produced, which can be scanned by other users. Afterwards, the project is synchronised and adaptations and control are possible from multiple smartphones.

Simply download:
the JUNG HOME app is available
in Apple and Google stores.
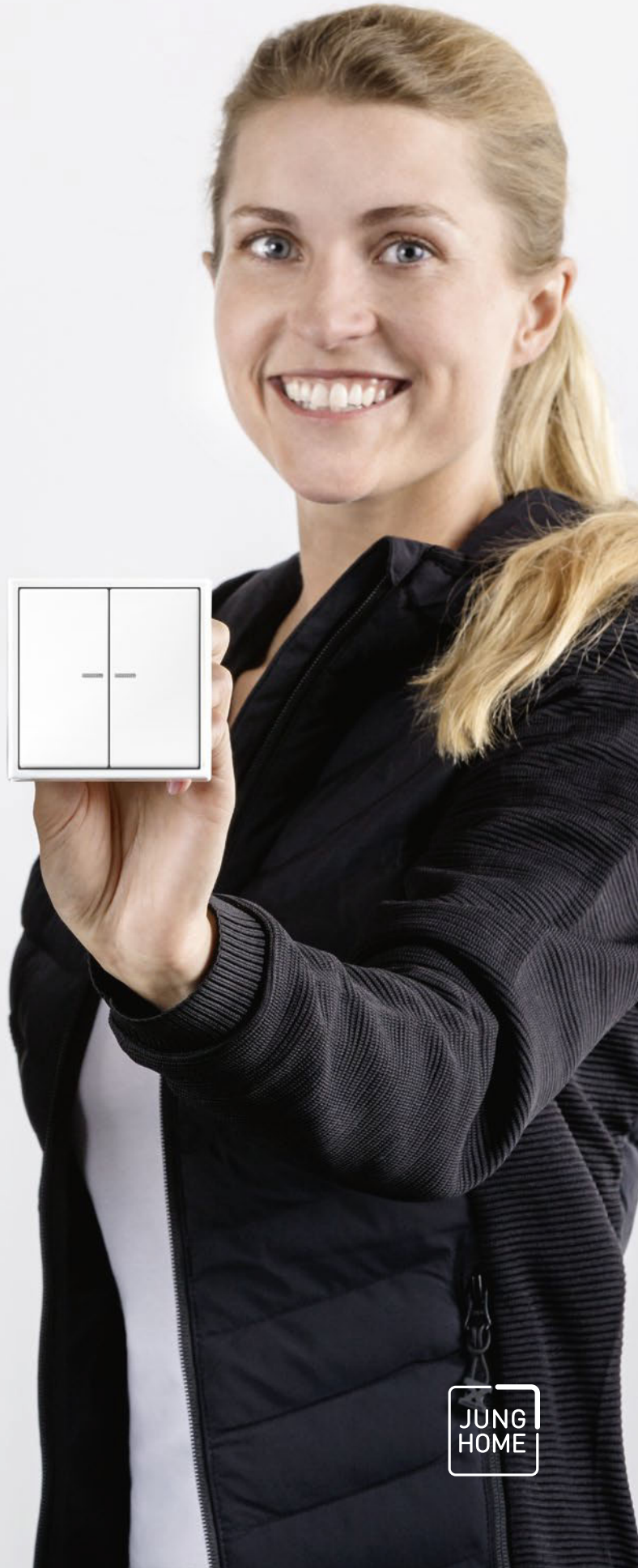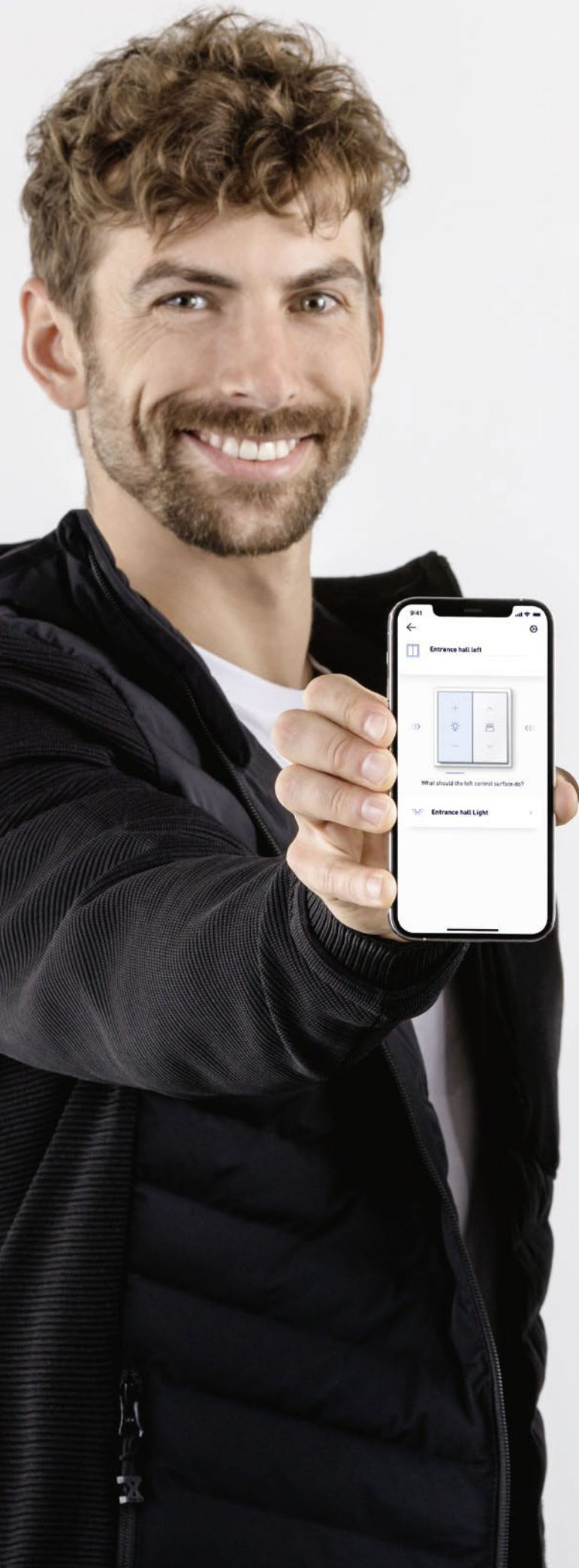
For a smart home you only need a screwdriver and a smartphone.

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:
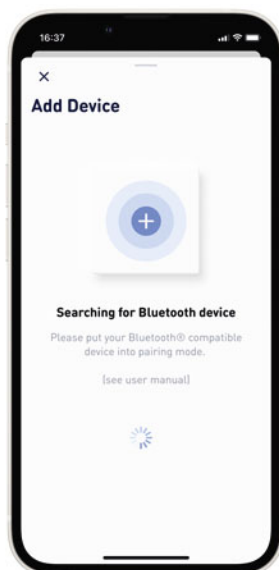
Step 1

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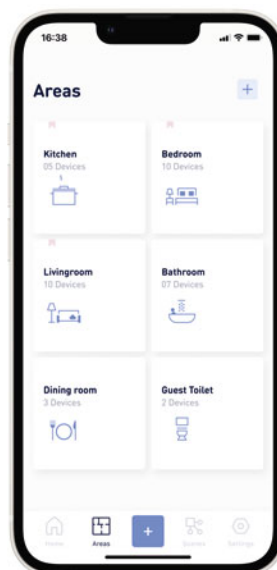
Step 2

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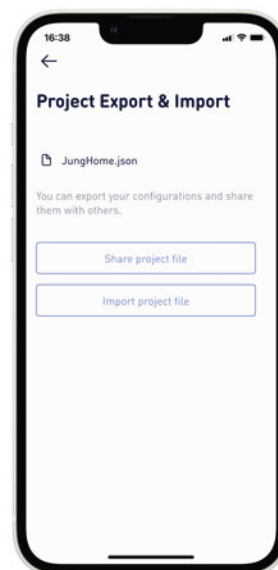
Step 3

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.

Bluetooth® MESH

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 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 summer and winter time and automatic summer and winter time adjustment
· 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"

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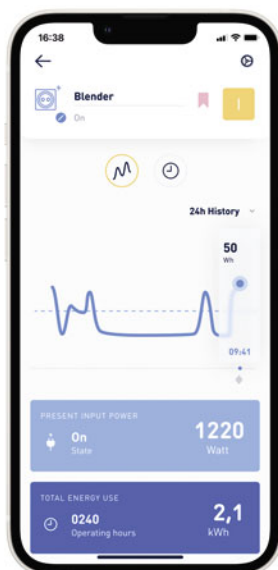
Precise charting per hour or day: the JUNG HOME app displays the exact energy consumption.

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 them in, integrate them into scenes or allocate rooms, using the JUNG HOME app on a smartphone.
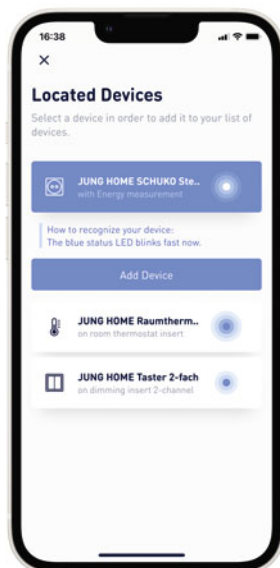
JUNG devices that are in pairing mode can be simply added in the app.

From 230 volt to
smart in 5 minutes.
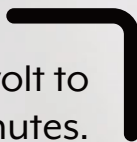
Beautiful solutions …

... now much smarter.
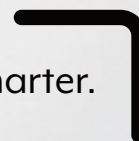
JUNG HOME system inserts

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 carried out as usual as a flush-mounted installation. 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
· installation-friendly design with a depth of 25 mm for all appliance boxes
· enclosed mounting claws
· galvanised steel base plate
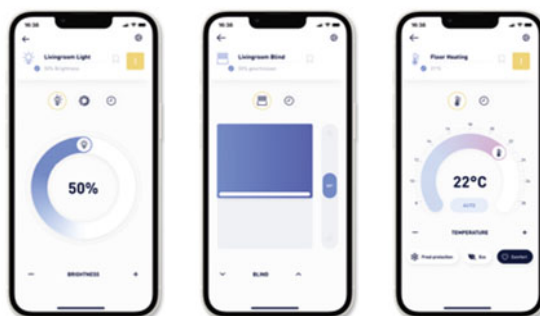
Commissioning and control
For commissioning, a smartphone and the JUNG HOME app suffice. The whole system works locally.

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.

1-gang push-button

Motion detector
2.20 m

Presence detector

Room thermostat display

2-gang push-button

Motion detector
1.10 m

Switch actuator 1-gang
mini with 2 binary inputs

Room thermostat display

| 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 |

| 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 |

Satellite insert
3-wire,
power supply

Satellite insert
3-wire,
power supply

Satellite insert
3-wire,
power supply

Control and dim lighting

Switch electrical loads

Control temperature

Bluetooth® **MESH**   JUNG HOME

1-gang push-button
with arrow symbols

SCHUKO® socket
SCHUKO® socket Energy

SAFETY✛

1-gang rocker

2-gang rocker

2-gang push-button
with arrow symbols

Blinds actuator
1-gang mini with
2 binary inputs

French/Belgian socket
French/Belgian socket Energy

SAFETY✛
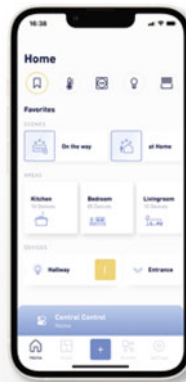
JUNG HOME app

1-gang rocker
with arrow symbols

2-gang rocker
with arrow symbols

Battery-powered

230 volt

Standard
blinds insert

Universal
blinds insert

Satellite insert
3-wire,
power supply

JUNG HOME gateway

Google Assistant

amazon alexa

1-gang push-button,
battery-powered

2-gang push-button,
battery-powered

**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.

Selected functions for the JUNG HOME push-buttons:
· commissioning with 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 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: 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)
· central functions: All ON/All OFF, call up scenes
· fully encrypted wireless communication and mesh repeater function

Bluetooth® MESH

JUNG HOME push-buttons 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*
· 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 from December 2024

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

Bluetooth® MESH

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 via 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-buttons
- 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 a real glass display allows users to control 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
· 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

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

 Bluetooth® MESH

Bluetooth® MESH

Smart switching with motion

Light when 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. When 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 provides more comfort and safety at home.

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: time synchronisation, shut-off delay, switching-on and shut-off delay
· central functions: All ON/All OFF
· in combination with an optional sealing gasket, an IP 44 splashproof installation is provided
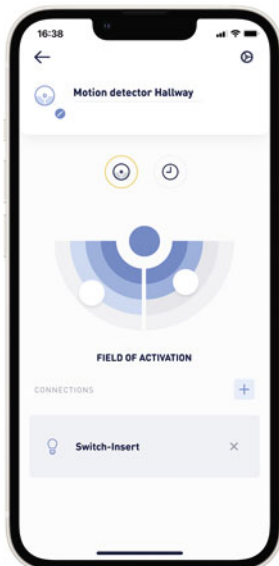
You configure the detection range and shut-off delay easily in the JUNG HOME app.

Motion detector 1.10 m

Bluetooth® MESH
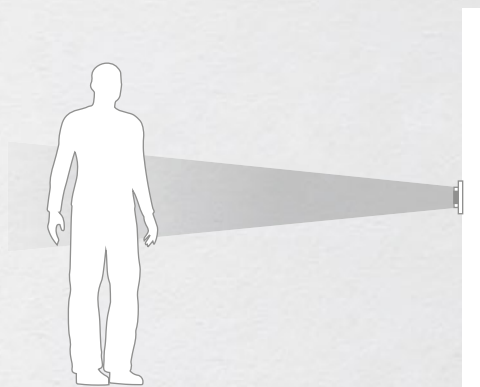
Motion detector 2.20 m

Bluetooth® MESH
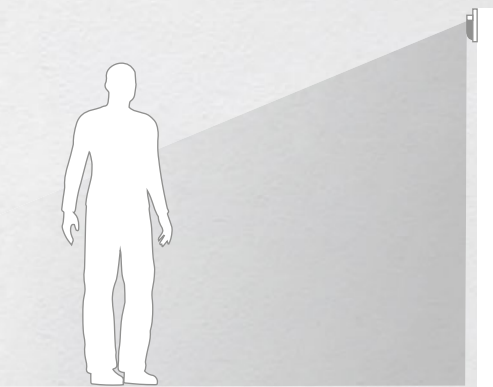
JUNG HOME
presence detectors

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. The presence detector has a similar range of functions to the JUNG HOME motion detector.

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: For example, a device that detects movement in the corridor will switch on the lights on the whole floor.

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
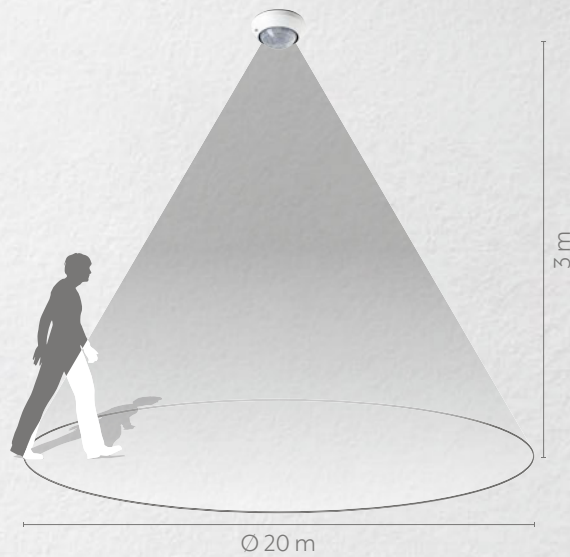
The JUNG HOME actuators with binary input

The two JUNG HOME actuators can be controlled via the binary inputs of JUNG HOME push-buttons and the JUNG HOME app and enable the wireless connection of various devices to the system.

- independent operation of switching output and binary inputs
- switchable loads up to 16 ampere
- large range of functions with 16 timer programs, shut-off delay, switch-on and switch-off delay, scenes

Bluetooth® MESH

With the JUNG HOME switching actuator, conventional weather sensors, for example, can be used as wind alarms and for rain detection via the two binary inputs of the actuator.

Time programs and integration into scenes: The JUNG HOME blind actuator enables manual and automatic control of blinds, shutters and awnings.

The JUNG HOME system

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

Bluetooth® MESH
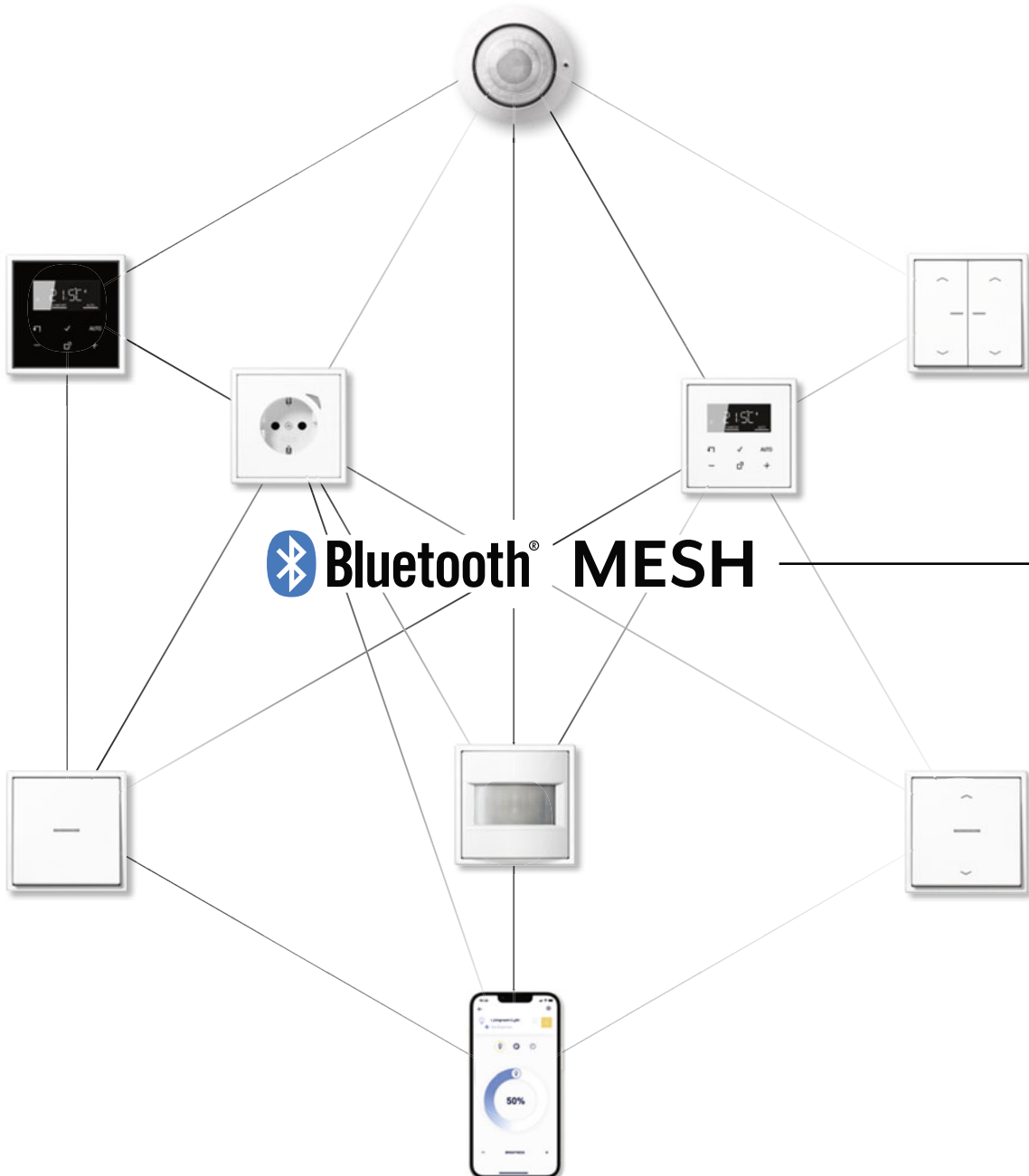
Hello IoT-world

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 the networked home.

Voice control

wibutler

SmartThings

mediola®

Three separate LEDs (network, Bluetooth® and cloud) display the status.
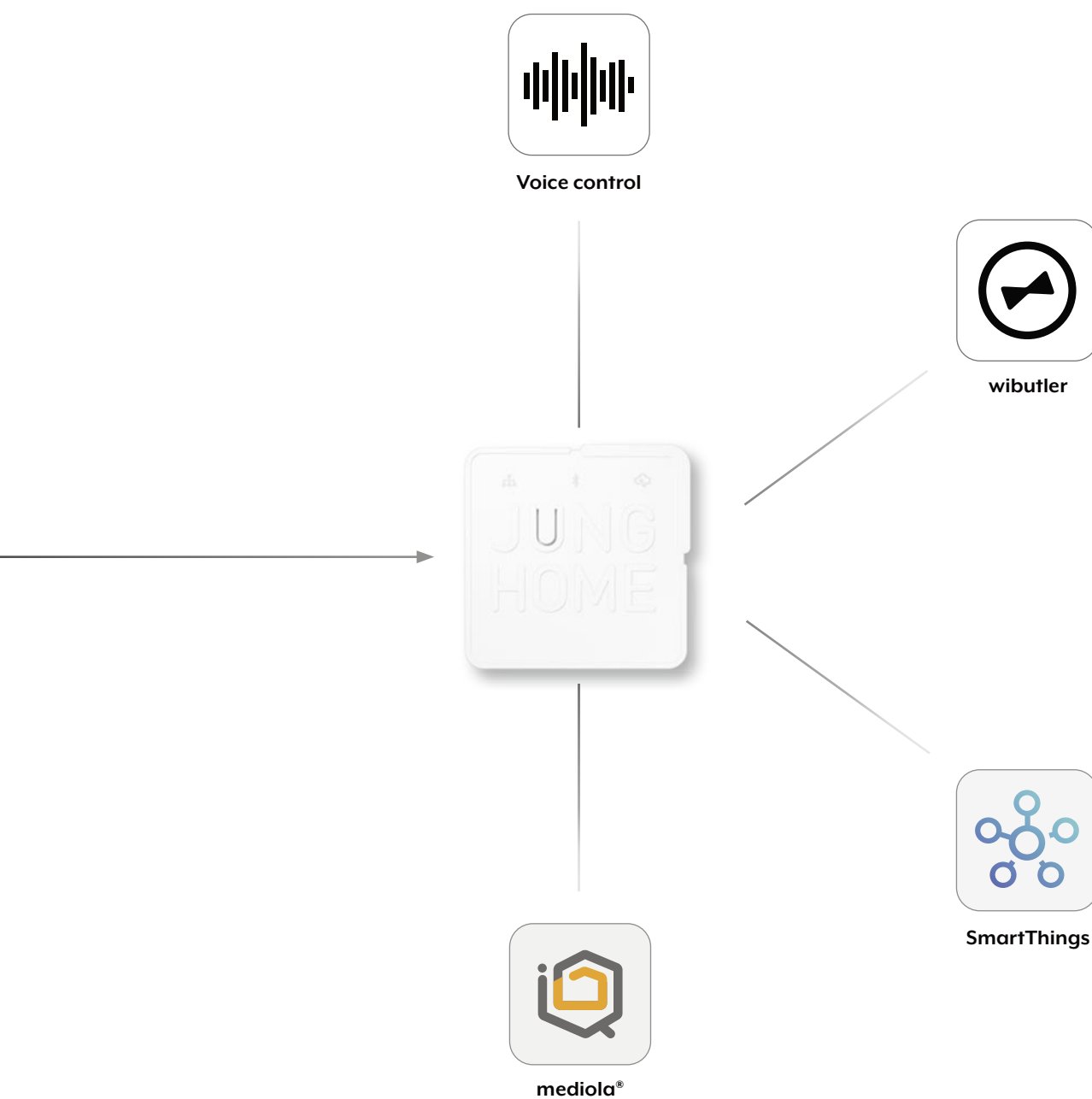
Extending JUNG HOME and sharing projects

The JUNG HOME gateway connects the system with other gateways and servers via the myJUNG Cloud. Numerous functions and services from different providers can thus be integrated in the networked home. The JUNG HOME app is all you need for the integration.

Voice control for JUNG HOME

works with the Google Assistant

Works with **alexa**

With the JUNG HOME Gateway, all JUNG HOME products and connected smart solutions from other producers can be controlled by voice. Using the Amazon Alexa or Google Assistant apps on a smartphone, JUNG HOME can also be operated remotely, for example to regulate the heating with voice commands on the way home.

JUNG HOME
and wibutler

JUNG HOME

- Weather stations
- Heating control, heat pumps
- Remote control
- Door and window contact
- Radiator valve drives (wireless)
- Shading (sunlight sensor)
- Energy management & battery banks
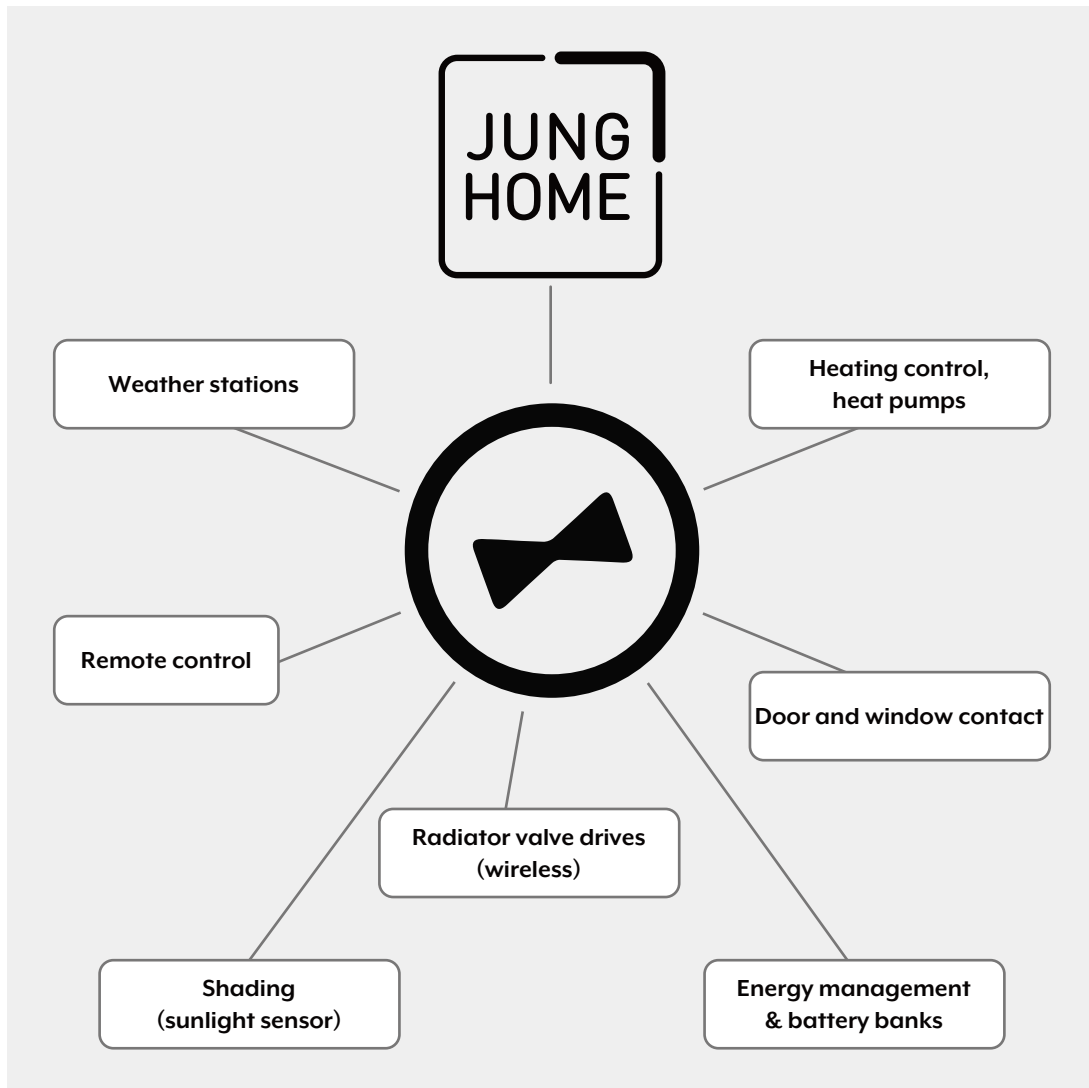
wibutler is an IoT platform for digital building technology. It networks and controls over 300 devices and more than 40 top brands, such as three-phase meters from Eltako, heat pumps from Viessmann or ventilation systems from Zehnder. By networking with the JUNG HOME Gateway and a wibutler pro, the trades get even closer together in the smart home.

Application examples

HEATING

With wibutler, it is possible to control valve drives from Viessmann, for example, using the JUNG HOME room thermostat display.

VENTILATION

In combination with a ventilation system and a JUNG HOME room thermostat display that records the current room temperature, a pleasant room temperature can be achieved. Everything can be configured with the wibutler pro.

LIGHTING

By connecting to wibutler, so-called light rules, such as with luminaires from BEGA, can be created. These are triggered by JUNG HOME push-buttons.

MONITORING

The JUNG HOME SCHUKO® socket Energy regularly reports the power to the wibutler pro. Using this, the wibutler app displays comprehensive monitoring of the PV system, the storage and each individual electrical load.

JUNG HOME
and SmartThings
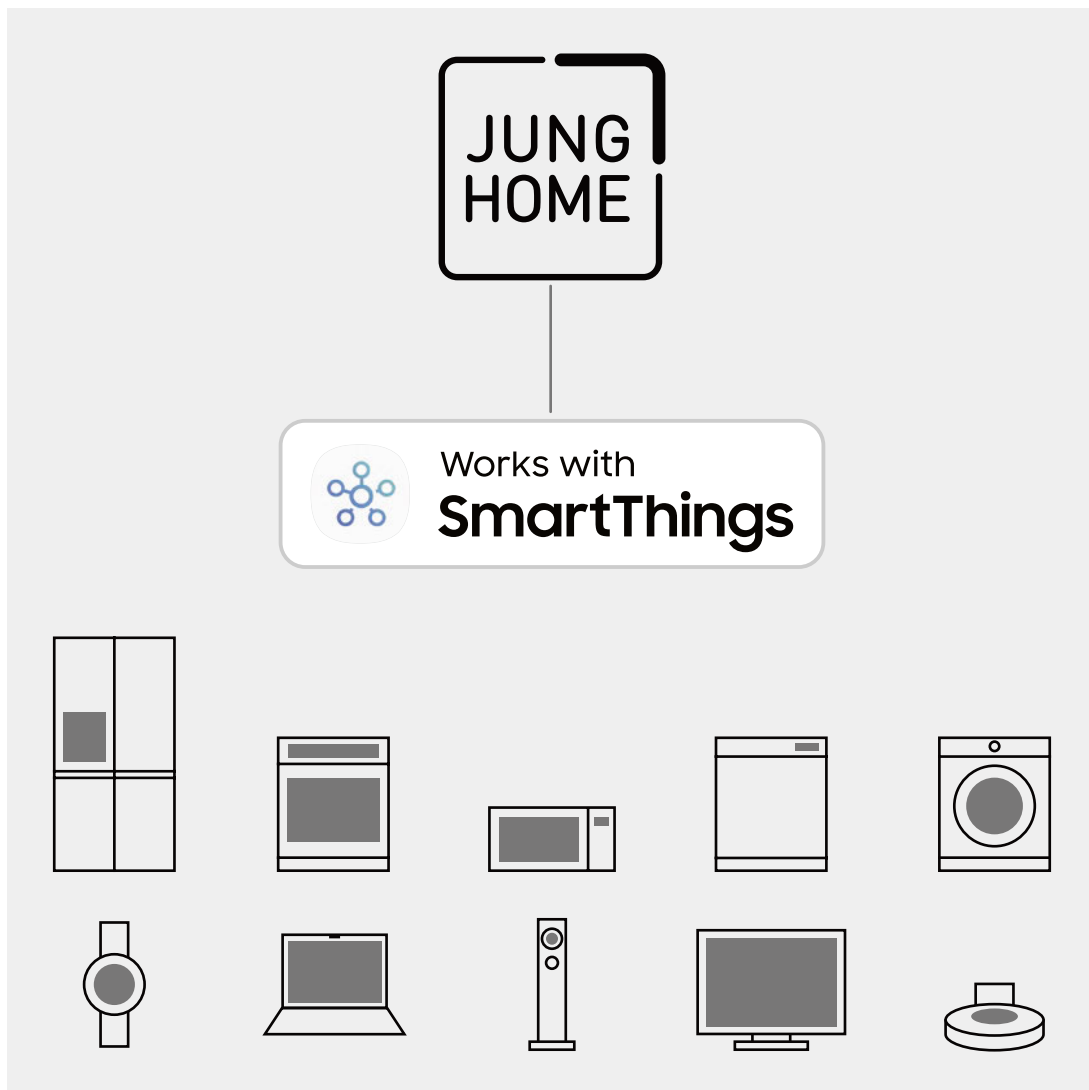
With the gateway, JUNG HOME can also be linked with SmartThings. This Samsung app enables smart-home elements to be controlled by smartphone, smart watch or voice. These include intelligent lamps, thermostats, smart TV and robot vacuum cleaners, for example. SmartThings is equally suited to Android and iOS.

Application examples

TV

Once integrated into a scene, JUNG HOME automatically dims the lighting and switches the TV on as soon as the scene is called.

SCENE CONTROL

Simply trigger overarching scenes with JUNG HOME devices and those connected from other manufacturers using JUNG HOME push-buttons.

ROBOT VACUUM CLEANERS

Through the connection of SmartThings and JUNG HOME, the robot vacuum cleaner only starts its work after the user has pressed the Goodbye push-button on leaving the home.

JUNG HOME
and mediola®

Further application possibilities and compatibility lists: mediola.de
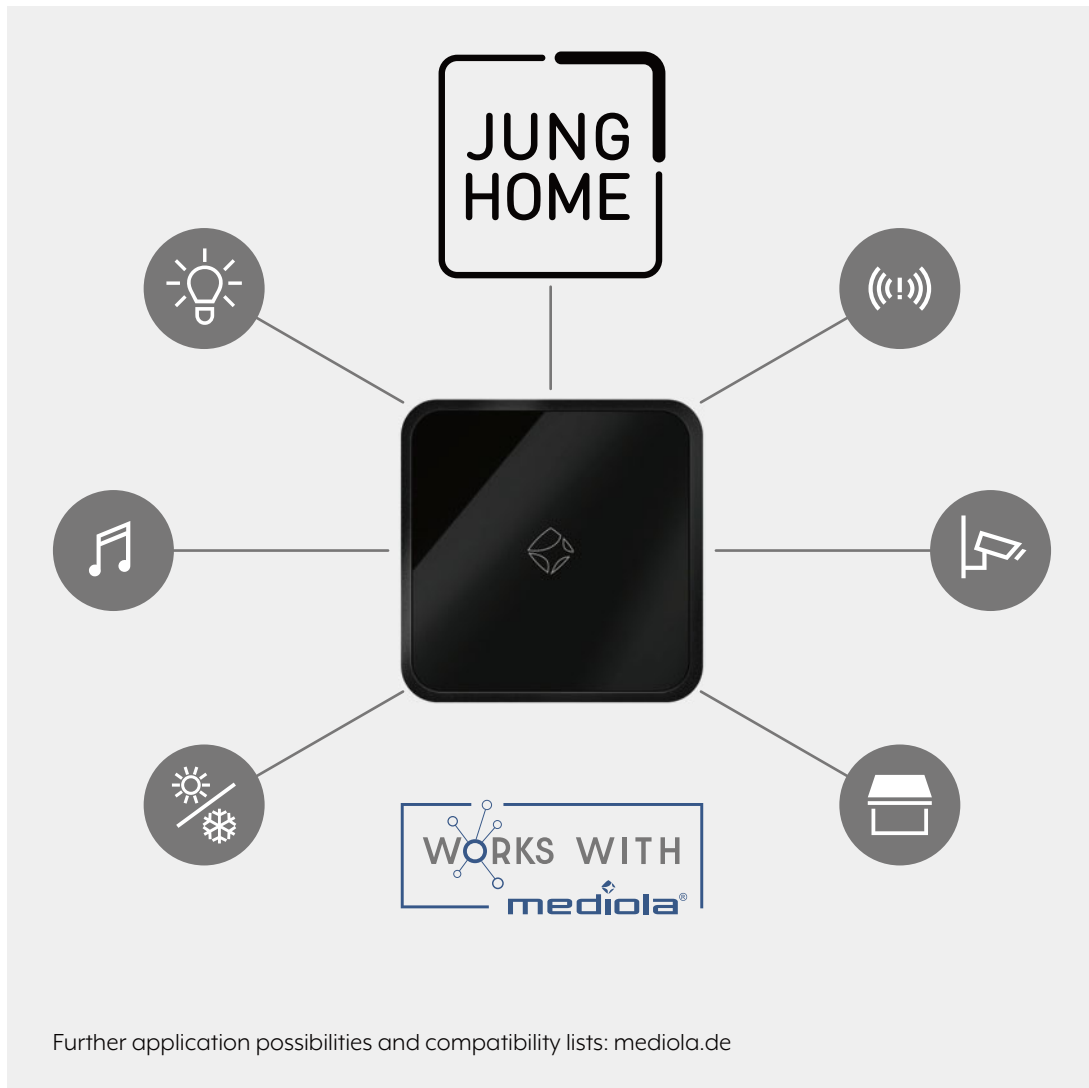
The integration of JUNG HOME into the manufacturer network WORKS WITH mediola® opens up numerous possibilities for users to network with products from the IoT world.

Products and solutions from Netatmo, Nuki, LG, Sonos, Philips Hue and many other providers can be integrated into JUNG HOME. To exhaust the numerous new possibilities, 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®.

Application examples

DETERRENT EFFECT

If the window contact from ABUS registers an open window in the living room, the lighting is switched on with JUNG HOME throughout the house. This has a deterrent effect.

WATER AT THE PRESS OF A BUTTON

With a JUNG HOME push-button 2-gang, using mediola® the Gardena smart watering system can be individually switched on.

CONVENIENCE ON ARRIVAL

With mediola® and JUNG HOME, users can integrate the location-dependent mode of a tado° heating control: The heating heats up and the hall lighting is switched on by JUNG HOME.

PROTECTION FROM STORM WINDS

If the weather sensor from Netatmo registers too much wind, the JUNG HOME blinds actuator mini can close the sun protection. In this way, the awning remains protected from storm damage.

Smart technology ...

Grundriss OG
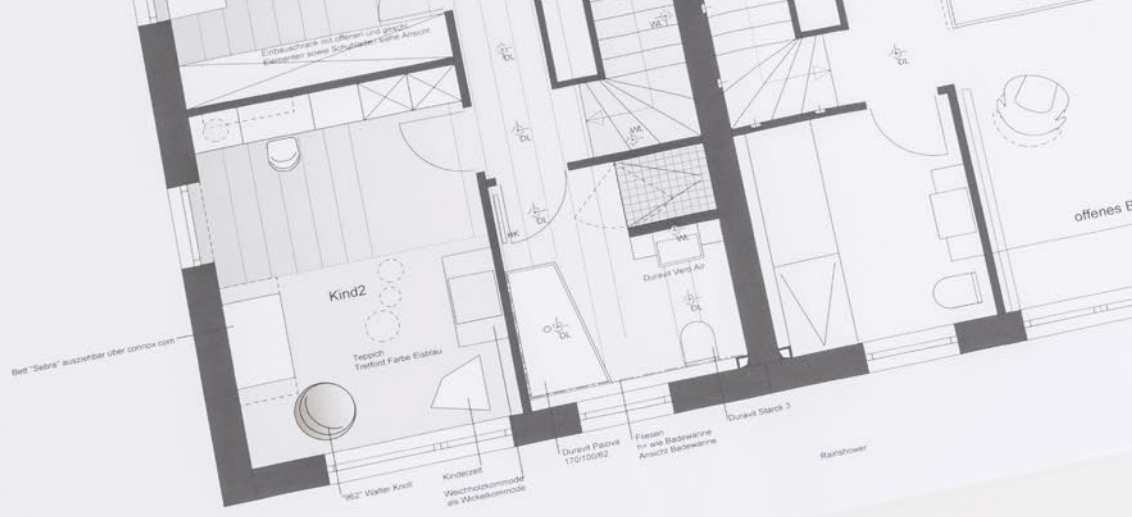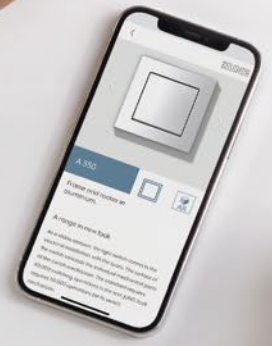
... designed by JUNG.
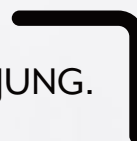
LS range

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 to form 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

Les Couleurs®
Le Corbusier

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 – quality made in Germany.
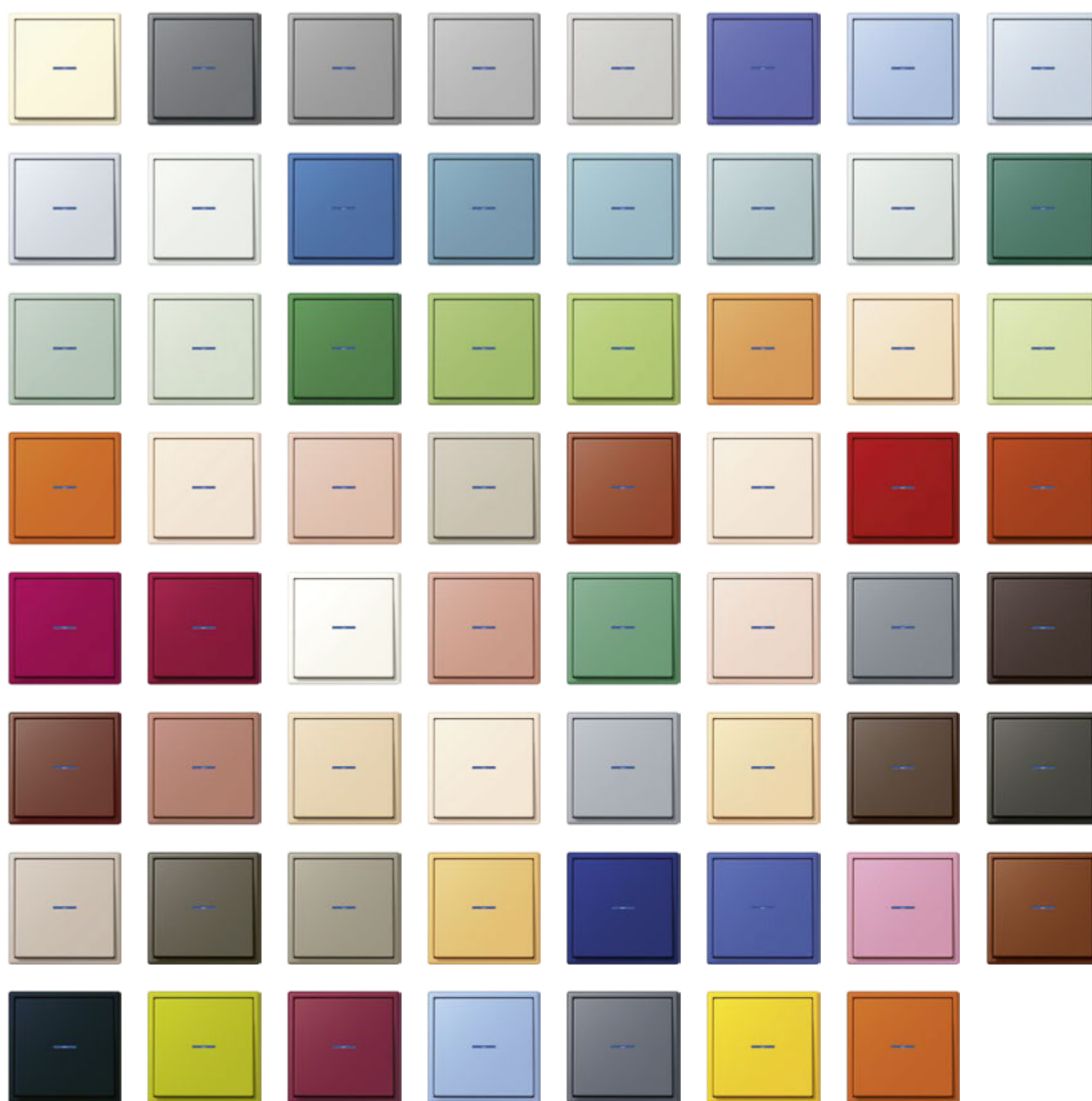
The colour keyboards

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.group/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 VIVA

The frosted glass frames with rounded edges make the surface of A VIVA appear soft.

A CREATION

The design-orientated shape of A CREATION is clear and precise. While the frame lends dynamism to the design, the shadow gap creates spatial depth. The switch appears to float on the wall.

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 and AS 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 FLOW

A FLOW in aluminium design

A FLOW in matt snow white

A FLOW in matt anthracite

A VIVA

A VIVA in white

A VIVA in black

A VIVA in crystal grey

A CREATION

A CREATION in glass, white

A CREATION in glass, black

A CREATION in champagne

A CREATION in mocha

A CREATION in glass, champagne

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.
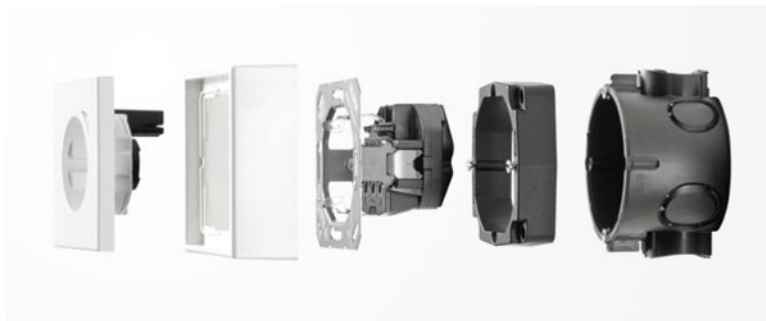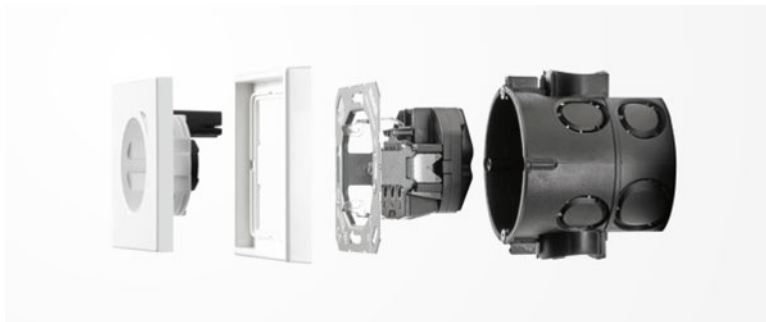
Installing the JUNG HOME SCHUKO® socket

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.

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 are 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
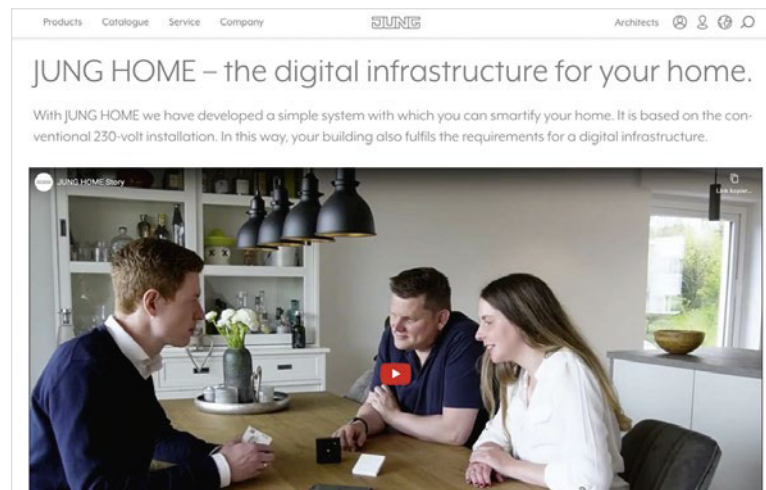
The website

The JUNG HOME website is clearly structured and well organised. Here you will find all the information and a comprehensive workbook. Take a look around: jung.group/jh-profi.

The film

Take 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 builders. Watch now at jung.group/jh-profi.

JUNG HOME in Virtual Reality
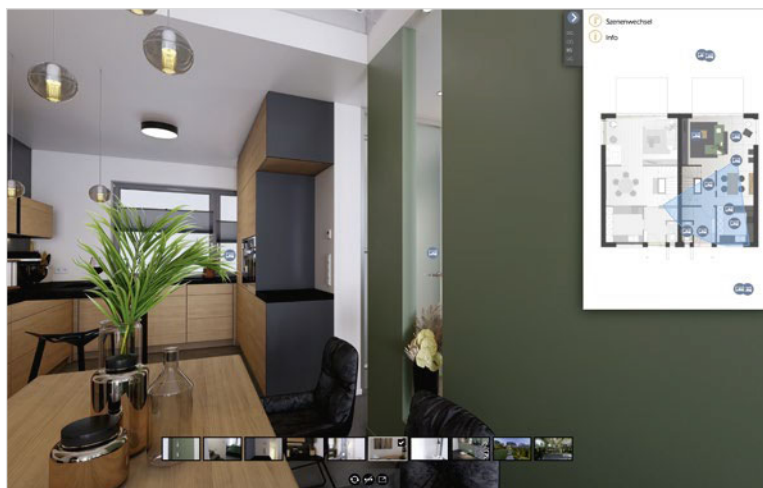
We have built a virtual house and equipped it from cellar to roof with JUNG HOME. You can explore this house in virtual reality. In addition, we provide the floor plans and installation tips.

The JUNG HOME broschure for home owners
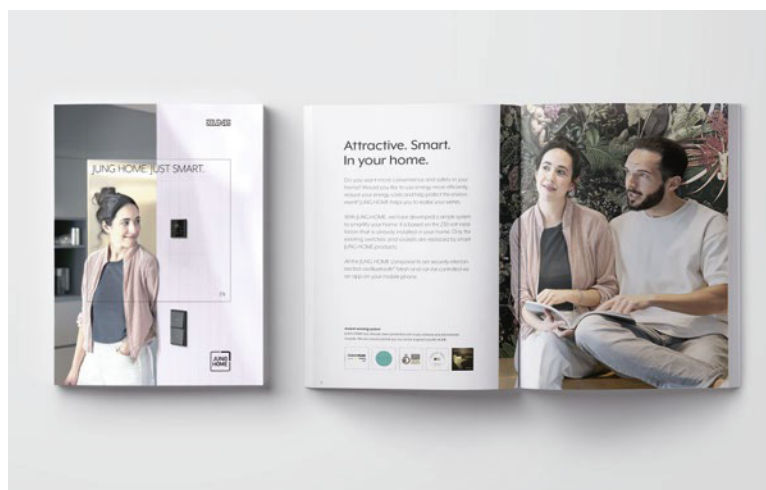
Our JUNG HOME broschure for home owners explains the system clearly and supports you when talking to the customers. You can download the brochure here: jung.group/jh-profi

JUNG HOME

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 device (smartphone or tablet) via Bluetooth®
- Button for switching
- Multi-coloured status indicator with optional night mode
- Disabling of local operation
- Up to 16 time programs
- Including the load in areas (groups), central functions and scenes
- Activate/deactivate automatic functions using the JUNG HOME app
- Automatic date and time update when connecting with smartphone
- Integrated 16 A switch actuator
- Bluetooth® 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 jung.group/junghome)
- Disable and forced operation: continuous ON/OFF or ON/OFF for fixed time
- Time programs with sunrise or sunset (astro timer)
- 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

	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

	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

	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 99

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 device (smartphone or tablet) via Bluetooth®
- Button for switching
- Multi-coloured status indicator with optional night mode
- Disabling of local operation
- Up to 16 time programs
- Including the load in areas (groups), central functions and scenes
- Activate/deactivate automatic functions using the JUNG HOME app
- Automatic date and time update when connecting with smartphone
- Integrated 16 A switch actuator
- Power measurement from 0.1 to 3680 Watt and energy measurement (kWh)
- 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® 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 jung.group/junghome)
- Disable and forced operation: continuous ON/OFF or ON/OFF for fixed time
- Time programs with sunrise or sunset (astro timer)
- Time programs with random timing
- Switch-on delay / switch-off delay
- Supplied power of -0.1 to -3680 Watt and supplied energy (kWh)

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

	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

	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

	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	BT AL 1521 SE AN-L
dark	BT AL 1521 SE D-L
classic brass	BT ME 1521 SE C-L
antique brass	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 99

JUNG HOME socket, French/Belgian system

2-pole + male earth pin, 16 A / 250 V ~
CEE 7/5
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. 50 mm

Product characteristics
- Commissioning and operation using JUNG HOME app with mobile device (smartphone or tablet) via Bluetooth®
- Button for switching
- Multi-coloured status indicator with optional night mode
- Disabling of local operation
- Up to 16 time programs
- Including the load in areas (groups), central functions and scenes
- Activate/deactivate automatic functions using the JUNG HOME app
- Automatic date and time update when connecting with smartphone
- Integrated 16 A switch actuator
- Bluetooth® 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 jung.group/junghome)
- Disable and forced operation: continuous ON/OFF or ON/OFF for fixed time
- Time programs with sunrise or sunset (astro timer)
- 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:	42 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

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

for LS range

	Ref.-no.
Thermoplastic (breakproof) high-gloss	
ivory	■■ BT LS 1521 F S
white	■■ BT LS 1521 F S WW
light grey	■■ BT LS 1521 F S LG
black	■■ BT LS 1521 F S SW
matt lacquered	
matt snow white	■ BT LS 1521 F S WWM
matt graphite black	■ BT LS 1521 F S SWM
Les Couleurs® Le Corbusier	■ BT LC 1521 F S ...
metal colours (thermoplastic lacquered)	
aluminium	■ BT AL 1521 F S-L
stainless steel	■ BT ES 1521 F S-L
anthracite	■ BT AL 1521 F S AN-L
dark	■ BT AL 1521 F S D-L
classic brass	■ BT ME 1521 F S C-L
antique brass	■ BT ME 1521 F 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 99

JUNG HOME socket Energy, French/Belgian system

2-pole + male earth pin, 16 A / 250 V ~
CEE 7/5
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. 50 mm

Product characteristics
- Commissioning and operation using JUNG HOME app with mobile device (smartphone or tablet) via Bluetooth®
- Button for switching
- Multi-coloured status indicator with optional night mode
- Disabling of local operation
- Up to 16 time programs
- Including the load in areas (groups), central functions and scenes
- Activate/deactivate automatic functions using the JUNG HOME app
- Automatic date and time update when connecting with smartphone
- Integrated 16 A switch actuator
- Power measurement from 0.1 to 3680 Watt and energy measurement (kWh)
- 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® 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 jung.group/junghome)
- Disable and forced operation: continuous ON/OFF or ON/OFF for fixed time
- Time programs with sunrise or sunset (astro timer)
- Time programs with random timing
- Switch-on delay / switch-off delay
- Supplied power of -0.1 to -3680 Watt and supplied energy (kWh)

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:	42 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

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

for LS range

	Ref.-no.
Thermoplastic (breakproof) high-gloss	
ivory	BT LS 1521 F SE
white	BT LS 1521 F SE WW
light grey	BT LS 1521 F SE LG
black	BT LS 1521 F SE SW
matt lacquered	
matt snow white	BT LS 1521 F SE WWM
matt graphite black	BT LS 1521 F SE SWM
Les Couleurs® Le Corbusier	BT LC 1521 F SE ...
metal colours (thermoplastic lacquered)	
aluminium	BT AL 1521 F SE-L
stainless steel	BT ES 1521 F SE-L
anthracite	BT AL 1521 F SE AN-L
dark	BT AL 1521 F SE D-L
classic brass	BT ME 1521 F SE C-L
antique brass	BT ME 1521 F 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 99

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
- 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
- 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
- With device generation V05 or higher: DALI-2 certified
- DALI supply for a maximum of 18 DALI subscribers

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

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 400 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 ..

- 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 28 mm
Cable length:	4 m (can be extended up to 50 m)
Degree of protection:	IP67

Thermal valve drive 230 V

- Normally closed (NC)
- With thermal extension element
- Forceless installation onto the valve using first-open function
- Visible position indication
- Noiseless
- Maintenance-free
- Including valve adapter, compatible with heating valves from Cazzaniga angle valve, Heimeier, Herb, IVAR, Kermi, Mair (from 1998 onward), MNG (from 1998 onward), Onda, Oventrop (Cocon Q, V3K), Schlösser (from 1993 onward), Thermoval

Ref.-no.

■ TSA 230 NC WW

Technical data

Rated voltage:	AC 230 V ~ (± 15 %)
Power consumption during operation:	1 W
Valve lift:	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
- Visible position indication
- Noiseless
- Maintenance-free
- Including valve adapter, compatible with heating valves from Cazzaniga angle valve, Heimeier, Herb, IVAR, Kermi, Mair (from 1998 onward), MNG (from 1998 onward), Onda, Oventrop (Cocon Q, V3K), Schlösser (from 1993 onward), Thermoval

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 W
Valve lift:	5 mm
Cable length:	1 m

Valve adapter

for thermal valve drives ref.-no.: TSA 230 NC WW, TSA 24 NC WW
compatible with heating valves from Beulco (from 2005), Cronatherm (H), Dumser, eht Siegmund, Frasa, Oventrop thermostatic valves (also Cocon, Cocon 4, Tri-D, Tri-M), Purmo, Strawa, Vescal (Metaplast), Wittingsthal
Thread: M 30 x 1.5
Closing dimension: 11 mm
scope of delivery: 5 pieces

Ref.-no.

TSA AD1

Valve adapter

for thermal valve drives ref.-no.: TSA 230 NC WW, TSA 24 NC WW
compatible with heating valves from Böhnisch / SBK (before 1998), Broen (Ballorex Dynamic), Cazzaniga, Frese EVA Basic (until 2016), Honeywell & Braukmann, Johnson Controls (VG6210EC, VG6510EC & VG6210JC), Landis & Gyr, MNG (before 1998), Reich, Schütz, Seppelfricke
Thread: M 30 x 1.5
Closing dimension: 10 mm
scope of delivery: 5 pieces

Ref.-no.

TSA AD2

Valve adapter

for thermal valve drives ref.-no.: TSA 230 NC WW, TSA 24 NC WW
compatible with Brötje heating valves with flange, Danfoss RA, Jaga flange valves, Oventrop flange (V3D, GD & GDF)
with flange connection incl. two grub screws
Closing dimension: 28.8 mm
scope of delivery: 5 pieces

Ref.-no.

TSA AD3

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, awnings, 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 device (smartphone or tablet) via Bluetooth®
- Top, bottom and full-surface operation with up to 2 linked functions per rocker
- Use the buttons to control areas (groups) or to call up scenes
- Use the buttons to operate wirelessly linked JUNG HOME devices
- Multi-coloured status indicator with optional night mode
- Feedback of the load status using status LED
- Disabling of local operation
- Including the load in areas (groups), central functions and scenes
- Up to 16 time programs control the functions of the respective system insert (switch on, switch off, dim, move blind, adjust temperature)
- Staircase lighting function (automatic switch-off) with switch-off warning
- Run-on time, switch-on delay, switch-off delay
- Activate/deactivate automatic functions using the JUNG HOME app
- 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, 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 system insert
- Bluetooth® 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 jung.group/junghome)
- Use the buttons to trigger the disabling function and forced guidance
- Time programs with sunrise or sunset (astro timer)
- Time programs with random timing
- Disabling function and forced guidance: 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 DALI insert
- Wind alarm via connection of weather sensors to satellite input, with blinds insert

A labelling request in the GRAPHIC TOOL must be submitted together with the order: jung.group/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

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

for A range

		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 snow white	■	**BT A 17101 WWM**
matt graphite black	■	**BT A 17101 SWM**
matt anthracite	■	**BT A 17101 BF ANM**

for CD range

		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 versions (anodized aluminium)		
gold-bronze	■	**BT CD 17101 GB**
platinum	■	**BT CD 17101 PT**

for LS range

		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	JUNG HOME push-button 1-gang with arrow symbols

for AS range

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

for A range

	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 snow white	BT A 17101 P WWM
matt graphite black	BT A 17101 P SWM
matt anthracite	BT A 17101 BF P ANM

for CD range

	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 versions (anodized aluminium)	
gold-bronze	BT CD 17101 P GB
platinum	BT CD 17101 P PT

for LS range

	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

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

for A range

		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 snow white	■	**BT A 17102 WWM**
matt graphite black	■	**BT A 17102 SWM**
matt anthracite	■	**BT A 17102 BF ANM**

JUNG HOME push-button 2-gang

for CD range

		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

		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

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

for A range

	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 snow white	**BT A 17102 P WWM**
matt graphite black	**BT A 17102 P SWM**
matt anthracite	**BT A 17102 BF P ANM**

JUNG HOME push-button 2-gang with arrow symbols

for CD range

	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

	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

available December 2024

Intended use
- Operation of e.g. Venetian blinds, shutters, awnings, 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 device (smartphone or tablet) via Bluetooth®
- Multi-coloured status indicator
- Central functions: all ON/all OFF, call up scenes
- Disabling of local operation
- Fully encrypted wireless communication
- Compatible with Bluetooth® Mesh Standard
- Can be updated using JUNG HOME app

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
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

including mounting plate, adhesive film and fastening screw for rockers ref.-no. .. 101 KO5 .. of the AS and A ranges
available December 2024

Ref.-no.
BT A 1001

1-gang rocker with lens

for JUNG HOME push-button 1-gang, battery-powered, ref.-no.: 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.: 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

including mounting plate, adhesive film and fastening screw for rockers ref.-no. .. 102 KO5 .. of the AS and A ranges
available December 2024

Ref.-no.
BT A 1002

2-gang rocker with lens

for JUNG HOME push-button 2-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 2-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, battery-powered
A range

JUNG HOME push-button 1-gang, battery-powered	JUNG HOME push-button 2-gang, battery-powered

including mounting plate, adhesive film and fastening screw for rockers ref.-no. .. 101 KO5 .. of the AS and A ranges
available December 2024

including mounting plate, adhesive film and fastening screw for rockers ref.-no. .. 102 KO5 .. of the AS and A ranges
available December 2024

	Ref.-no.		Ref.-no.
	BT A 1001		**BT A 1002**

1-gang rocker with lens	2-gang rocker with lens

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

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

		Ref.-no.			Ref.-no.
Duroplastic (scratch-proof) glossy			**Duroplastic (scratch-proof) glossy**		
white	■	**A 101 KO5 WW**	white	■	**A 102 KO5 WW**
black	■	**A 101 KO5 SW**	black	■	**A 102 KO5 SW**
Duroplastic lacquered			**Duroplastic lacquered**		
aluminium	■■	**A 101 KO5 AL**	aluminium	■■	**A 102 KO5 AL**
champagne	■	**A 101 KO5 CH**	champagne	■	**A 102 KO5 CH**
mocha	■	**A 101 KO5 MO**	mocha	■	**A 102 KO5 MO**
Thermoplastic (breakproof) high-gloss			**Thermoplastic (breakproof) high-gloss**		
white	■■	**A 101 KO5 BF WW**	white	■■	**A 102 KO5 BF WW**
black	■■	**A 101 KO5 BF SW**	black	■■	**A 102 KO5 BF SW**
matt lacquered			**matt lacquered**		
matt snow white	■	**A 101 KO5 BF WWM**	matt snow white	■	**A 102 KO5 BF WWM**
matt graphite black	■	**A 101 KO5 BF SWM**	matt graphite black	■	**A 102 KO5 BF SWM**
matt anthracite	■	**A 101 KO5 BF ANM**	matt anthracite	■	**A 102 KO5 BF ANM**

1-gang rocker with lens and arrow symbols	2-gang rocker with lens and arrow symbols

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

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

	Ref.-no.		Ref.-no.
Duroplastic (scratch-proof) glossy		**Duroplastic (scratch-proof) glossy**	
white	**A 101 KO5P WW**	white	**A 102 KO5P WW**
black	**A 101 KO5P SW**	black	**A 102 KO5P SW**
Duroplastic lacquered		**Duroplastic lacquered**	
aluminium	**A 101 KO5P AL**	aluminium	**A 102 KO5P AL**
champagne	**A 101 KO5P CH**	champagne	**A 102 KO5P CH**
mocha	**A 101 KO5P MO**	mocha	**A 102 KO5P MO**
Thermoplastic (breakproof) high-gloss		**Thermoplastic (breakproof) high-gloss**	
white	**A 101 KO5P BF WW**	white	**A 102 KO5P BF WW**
black	**A 101 KO5P BF SW**	black	**A 102 KO5P BF SW**
matt lacquered		**matt lacquered**	
matt snow white	**A 101 KO5P BF WWM**	matt snow white	**A 102 KO5P BF WWM**
matt graphite black	**A 101 KO5P BF SWM**	matt graphite black	**A 102 KO5P BF SWM**
matt anthracite	**A 101 KO5P BF ANM**	matt anthracite	**A 102 KO5P BF ANM**

Non-binding recommended retail price without value added tax.

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

including mounting plate, adhesive film and fastening screw
for rockers ref.-no. .. 101 KO5 .. of the CD and LS ranges
available December 2024

	Ref.-no.
	BT LS CD 1001

1-gang rocker with lens

for JUNG HOME push-button 1-gang, battery-powered,
ref.-no.: 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.: 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

including mounting plate, adhesive film and fastening screw
for rockers ref.-no. .. 102 KO5 .. of the CD and LS ranges
available December 2024

	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

including mounting plate, adhesive film and fastening screw
for rockers ref.-no. .. 101 KO5 .. of the CD and LS ranges
available December 2024

	Ref.-no.
	BT LS CD 1001

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

including mounting plate, adhesive film and fastening screw
for rockers ref.-no. .. 102 KO5 .. of the CD and LS ranges
available December 2024

	Ref.-no.
	BT LS CD 1002

1-gang rocker with lens

for JUNG HOME push-button 1-gang, battery-powered,
ref.-no.: 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**

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**

1-gang rocker with lens and arrow symbols

for JUNG HOME push-button 1-gang, battery-powered,
ref.-no.: 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**

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

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

Product characteristics
- Commissioning and operation using JUNG HOME app with mobile device (smartphone or tablet) via Bluetooth®
- Up to 16 time programs for automatic heating
- Switch between manual/automatic operation using JUNG HOME app or local operation
- Automatic date and time update when connecting with smartphone
- Setting a comfort, ECO, cooling and frost protection temperature
- Setting range for min. and max. temperature value can be changed
- Boost function: Quick heat-up for max. 5 minutes
- Illuminated segment display for easy reading
- Display switch-off after 2 minutes or continuous display possible
- Disabling of local operation
- Including the load in areas (groups), central functions and 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 sensor offset (correction value for the measured temperature)
- Controller output working method: pulse width modulation (PWM) or two-point

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

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

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

for CD range

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

for LS range

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

Room thermostat insert, ref.-no.: 1790 RTR see page 84

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 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
- Disabling of local operation
- Free linking of the motion sensor with actuator in the insert or wirelessly with other JUNG HOME devices
- Up to 16 time programs control the functions of the respective insert (ON/OFF switching or dimming)
- Staircase lighting function (automatic switch-off) with switch-off warning
- Run-on time, switch-on delay, switch-off delay
- Activate/deactivate automatic functions using the JUNG HOME app
- 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
- Including the load in areas (groups), central functions and scenes
- Evaluation of the satellite inputs (if present) for controlling the system insert
- Bluetooth® 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 jung.group/junghome)
- Time programs with sunrise or sunset (astro timer)
- Time programs with random timing
- Dynamic run-on time
- Disabling function and forced guidance: 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 DALI insert
- Calling a scene with movement

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
Degree of protection:	IP20
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)
Run-on time:	approx. 1 s ... 240 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

	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

	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

	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
IP44 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 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
- Disabling of local operation
- Free linking of the motion sensor with actuator in the insert or wirelessly with other JUNG HOME devices
- Up to 16 time programs control the functions of the respective insert (ON/OFF switching or dimming)
- Staircase lighting function (automatic switch-off) with switch-off warning
- Run-on time, switch-on delay, switch-off delay
- Activate/deactivate automatic functions using the JUNG HOME app
- 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
- Including the load in areas (groups), central functions and scenes
- Evaluation of the satellite inputs (if present) for controlling the system insert
- Bluetooth® 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 jung.group/junghome)
- Time programs with sunrise or sunset (astro timer)
- Time programs with random timing
- Dynamic run-on time
- Disabling function and forced guidance: 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 DALI insert
- Calling a scene with movement

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
Degree of protection:	IP44
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)
Run-on time:	approx. 1 s ... 240 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

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

for CD range

	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

	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
IP44 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 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
- Disabling of local operation
- Free linking of the motion sensor with load output in the system insert or wirelessly with other JUNG HOME devices or for calling up a scene
- Up to 16 time programs control the functions of the respective insert (ON/OFF switching or dimming)
- Staircase lighting function (automatic switch-off) with switch-off warning
- Run-on time, switch-on delay, switch-off delay
- Activate/deactivate automatic functions using the JUNG HOME app
- 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
- Including the load in areas (groups), central functions and scenes
- Evaluation of the satellite inputs (if present) for controlling the system insert
- Bluetooth® 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 jung.group/junghome)
- Time programs with sunrise or sunset (astro timer)
- Time programs with random timing
- Dynamic run-on time
- Disabling function and forced guidance: 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 DALI insert
- Calling a scene with movement

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:	IP20
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)
Run-on time:	approx. 1 s ... 240 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 IP44 is ensured with sealing kit ref.-no. AS A 50 DS and "IP44 frame" of the respective design range.

	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 IP44 is ensured with sealing kit ref.-no. AS CD 50 DS and "IP44 frame" of the respective design range.

	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 IP44 is ensured with sealing kit ref.-no. AS CD 50 DS and "IP44 frame" of the respective design range.

	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

Non-binding recommended retail price without value added tax.

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

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 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
- Multi-coloured status indicator
- Disabling the **Prog** button
- Free linking of the motion sensor with actuator in the insert or wirelessly with other JUNG HOME devices
- Up to 16 time programs control the functions of the respective insert (ON/OFF switching)
- Staircase lighting function (automatic switch-off) with switch-off warning
- Run-on time, switch-on delay, switch-off delay
- Activate/deactivate automatic functions using the JUNG HOME app
- 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
- Including the load in areas (groups), central functions and scenes
- Evaluation of the satellite inputs (if present) for controlling the system insert
- Bluetooth® 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 jung.group/junghome)
- Time programs with sunrise or sunset (astro timer)
- Time programs with random timing
- Dynamic run-on time
- Disabling function and forced guidance: 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 DALI insert
- Constant light regulation
- Calling a scene with movement

	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)
Run-on time:	approx. 1 s ... 240 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. 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

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 switch actuator 1-gang mini with 2 binary inputs

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 device (smartphone or tablet) via Bluetooth®
- Free linking of the 2 binary inputs with JUNG HOME actuators (local or wireless)
- Independent use of actuator functions and binary inputs
- Multi-coloured status indicator and **Prog** button for commissioning
- Disabling the **Prog** button
- Including the load in areas (groups), central functions and scenes
- Up to 16 time programs
- Staircase lighting function (automatic switch-off) with switch-off warning
- Run-on time, switch-on delay, switch-off delay
- Activate/deactivate automatic functions using the JUNG HOME app
- Automatic date and time update when connecting with smartphone
- Bluetooth® 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 jung.group/junghome)
- Time programs with sunrise or sunset (astro timer)
- Time programs with random timing
- Disabling function and forced guidance: Continuous ON/OFF or ON/OFF for fixed time
- Wind alarm via connection of weather sensors to binary inputs
- Trigger the disabling function using binary inputs, e.g. lock-out protection with awnings, shutters and blinds, forced guidance, etc.

Ref.-no.
BT S1 B2 U

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
Storing temperature:	–5 ... +45 °C
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:	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
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

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

Intended use
- Manual and automatic control of blinds., shutters or awnings
- 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 device (smartphone or tablet) via Bluetooth®
- Free linking of the 2 binary inputs with JUNG HOME actuators (local or wireless)
- Independent use of actuator functions and binary inputs
- Multi-coloured status indicator and **Prog** button for commissioning
- Disabling the **Prog** button
- Including the load in areas (groups), central functions and scenes
- Up to 16 time programs
- Ventilation position, running time, slat change-over time, change-over time for direction change and inverse operation adjustable
- Activate/deactivate automatic functions using the JUNG HOME app
- Automatic date and time update when connecting with smartphone
- Bluetooth® 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 jung.group/junghome)
- Time programs with sunrise or sunset (astro timer)
- Time programs with random timing
- Wind alarm via connection of weather sensors to binary inputs
- Trigger the disabling function using binary inputs, e.g. lock-out protection with awnings, shutters and blinds, forced guidance, etc.

Ref.-no.
BT J1 B2 U

Technical data

Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Stand-by power:	max. 0.2 W
Power loss:	max. 4 W
Ambient temperature:	–5 ... +45 °C
Storing temperature:	–5 ... +45 °C
Transport temperature:	–25 ... +70 °C
Relative humidity:	20 ... 70 % (no condensation)
Connected load	
Motors:	700 W
Installation depth:	20 mm
Accuracy per month:	± 13 s
Power reserve:	min. 4 h
Cable length	
Output cable:	max. 100 m
Binary input:	max. 50 m
Dimensions (L x W x H):	48 x 51 x 20 mm
Connection, outputs	
single wire:	1 x 0.5 ... 2.5 mm²
	2 x 0.5 ... 2.5 mm²
stranded without ferrule:	1 x 0.5 ... 4.0 mm²
	2 x 0.5 ... 2.5 mm²
stranded with ferrule:	1 x 0.5 ... 2.5 mm²
	2 x 0.5 ... 1.5 mm²
Radio frequency:	2402.0 ... 2480.0 MHz
Transmitting power:	max. 10 mW (class 1.5)
Transmission range	
in buildings:	approx. 30 m

JUNG HOME gateway

including power supply
including LAN cable
available April 2024

Intended use
- Connecting JUNG HOME devices to myJUNG services, e.g. for voice control
- Connecting JUNG HOME devices to other smart home systems via the local network
- Only suitable for use in indoor areas that are free of dripping and splashing water
- For wall installation or as desktop 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 device (smartphone or tablet) via Bluetooth®
- Bluetooth® 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 jung.group/junghome)
- Encrypted communication with local network e.g. with Mediola gateway

	Ref.-no.
with Europlug	**BT S GATEWAY**

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:	IP20
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

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

		Ref.-no.

Thermoplastic (breakproof) high-gloss white

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.

Thermoplastic (breakproof) high-gloss white

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

JUNG

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