

Product data sheet

JUNG HOME SCHUKO® socket Energy



Reference number

BT LC 1521 SE259

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.
available April 2023

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

Available in future via update:

(Notes on updates and schedules can be found at www.jung.de/JUNGHOME)

- Switching of socket to continuously ON or OFF via disabling functions
- Time programs with sunrise or sunset (astro function)
- Time programs with random timing
- Switch-on delay / switch-off delay

Accessories:

Frame 28 mm structure height ref.-no.: A 558.. HBF .., LS 98.. HBF ..

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 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 |

matt lacquered

Colour:

ombre naturelle 59

Material:

thermoplastic lacquered

P Colour printing possible