

# Product data sheet

## JUNG HOME SCHUKO® socket Energy



### Reference number

BT LC 1521 SE 246

### JUNG HOME SCHUKO® socket Energy

with enhanced contact protection / shutter (Safety Plus)  
with screw terminals for rigid and flexible wires up to 2.5 mm<sup>2</sup>

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
- Switch-on delay / switch-off delay
- Including the load in areas (groups), central functions and scenes
- Activate/deactivate automatic functions using the JUNG HOME app
- Disable and forced operation: continuous ON/OFF or ON/OFF for fixed time
- Automatic date and time update when connecting with mobile device
- Time programs with sunrise or sunset (astro timer)
- 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 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](http://jung.group/junghome))

- Supplied power of -0.1 to -3680 Watt and supplied energy (kWh)

### Accessories:

Frame 28 mm structure height ref.-no.: 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                |
| Storage 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                  |
| <b>matt lacquered</b>              |                               |
| <b>Colour:</b>                     |                               |
| rose vif                           |                               |
| <b>Material:</b>                   |                               |
| thermoplastic lacquered            |                               |

**P** Individual colour printing possible