JUNG HOME Puck switch actuator 1-gang Energy with 2 binary inputs

Reference number:	BT P SE1 B2 U
EAN/GTIN:	4011377360075



ELEKTROGERÄTE RÜCKNAHME

Intended use

- Manual switching of lighting and common household devices
- Power (W) and energy measurement (kWh) of the connected devices
- Operation via binary inputs of the JUNG HOME actuator, JUNG HOME push-button, JUNG HOME sensors and JUNG HOME app
- Connection of devices (e.g. push-buttons, switches or weather sensors) to the binary inputs for triggering scenes, operating electrical loads, polling of statuses, etc.
- Automatic switching of lighting and common household devices. Requirement: at least one of the following devices is in the project (Bluetooth® Mesh network): JUNG HOME mini actuator, JUNG HOME socket, system insert with JUNG HOME push-button or JUNG HOME motion or presence detector, JUNG HOME room thermostat
- 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
- Staircase lighting function (automatic switch-off) with switch-off warning
- Run-on time, switch-on delay, switch-off delay
- 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 shutters and blinds, forced guidance, etc.
- 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

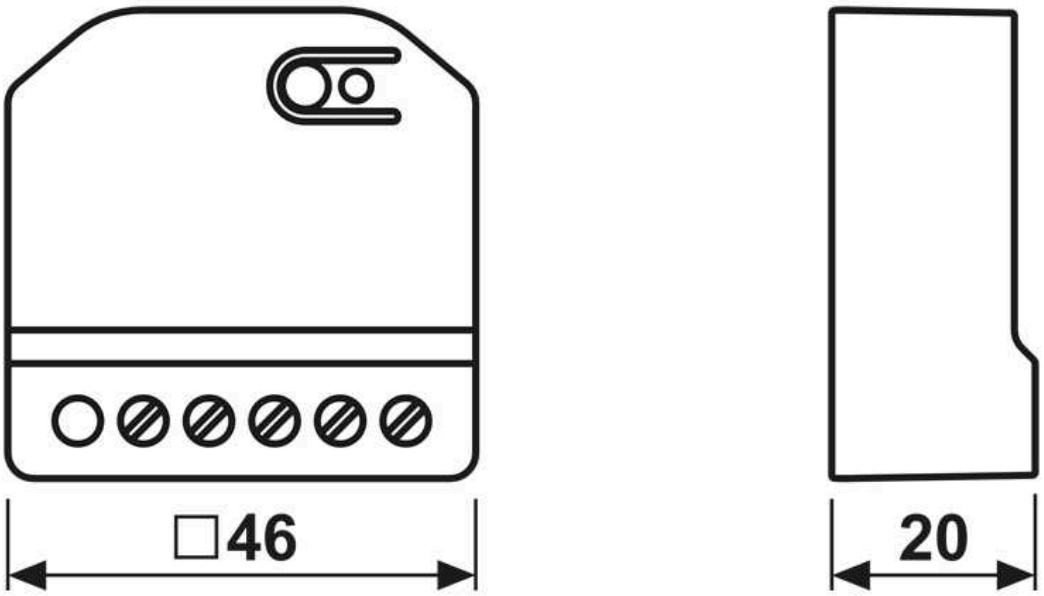
Function if JUNG HOME mini actuator, JUNG HOME socket, system insert with JUNG HOME push-button, JUNG HOME motion or presence detector, or JUNG HOME room thermostat is included in the Bluetooth® Mesh network (project).

- Up to 16 time programs
- Time programs with sunrise or sunset (astro timer)
- Activate/deactivate automatic functions using the JUNG HOME app
- Automatic date and time update when connecting with mobile device

Technical data

Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Input voltage:	AC 230 V ~
Stand-by power:	max. 0.3 W
Power loss:	max. 4 W
Ambient temperature:	-5 ... +45 °C
Storage 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
Active power:	-3680 ... 3680 W
Accuracy (power):	1% ±0.1 W
Active energy:	-999,999 ... 999,999 kWh
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
Reduction of load	
for every 5 °C exceededing 35 °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 (W x H x D):	46 x 46 x 20 mm
Installation depth:	18 mm (20 mm in the terminal area)
Radio frequency:	2402.0 ... 2480.0 MHz
Transmitting power:	max. 10 mW (class 1.5)
Transmission range	
Transmission range in buildings:	approx. 30 m

Dimensions



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