JUNG HOME Puck power DALI-2 controller TW with 2 binary inputs

Reference number:	BT P DSTE B2 U
EAN/GTIN:	4011377360037



ELEKTROGERÄTE RÜCKNAHME

Intended use

- 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
- The device functions as a DALI-2 single-master and should not be combined with other DALI controllers
- 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 and brightness setting. 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.
- Maximum and minimum brightness adjustable
- Switch-on with last brightness or fixed switch-on brightness
- Device functions as single-master with broadcast commands
- DALI power supply for DALI devices e.g. luminaires
- Electronic overload protection of the DALI power supply by means of power reduction
- Bluetooth® Mesh for fully encrypted wireless communication and repeater function
- Can be updated using JUNG HOME app

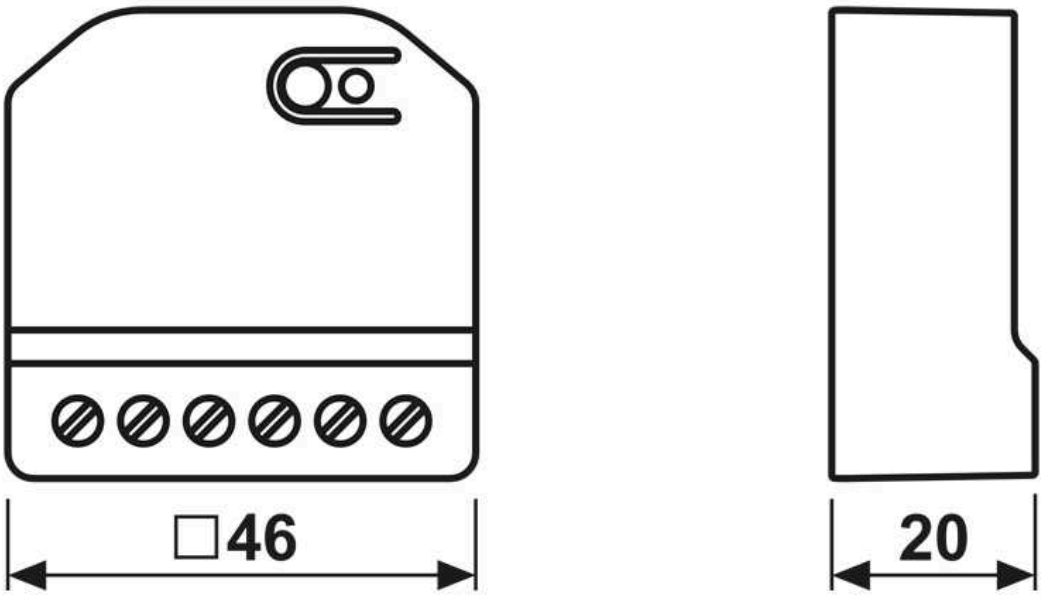
Function if JUNG HOME mini actuator, JUNG HOME socket, system insert with JUNG HOME push-button, JUNG HOME motion or presence detector, or JUNG HOME room thermostat is included in the Bluetooth® Mesh network (project).

- 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 ~
Power consumption:	max. 4 W
Ambient temperature:	-5 ... +45 °C
Storage temperature:	-5 ... +45 °C
Transport temperature:	-20 ... +70 °C
Relative humidity:	20 ... 70 % (no condensation)
Cable length	
Binary input:	max. 10 m
DALI bus:	300 m (1.5 mm²)
Dimensions (W x H x D):	46 x 46 x 20 mm
Installation depth:	18 mm (20 mm in the terminal area)
DALI	
Rated voltage DALI:	typical DC 17 V (128 mA)
Bus current:	128 mA
Short-circuit current:	max. 230 mA
Number of DALI devices:	max. 64
Starting time:	max. 20 s
Colour temperature setting:	2,000 ... 10,000 K
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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