JUNG HOME Puck dimmer 1-gang with 2 binary inputs



Reference number:	BT P D1 B2 U
EAN/GTIN:	4011377360044
Material:	plastic

ELEKTROGERÄTE RÜCKNAHME

Intended use
- Manual switching and dimming of lighting
- 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 dimming of lighting. 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

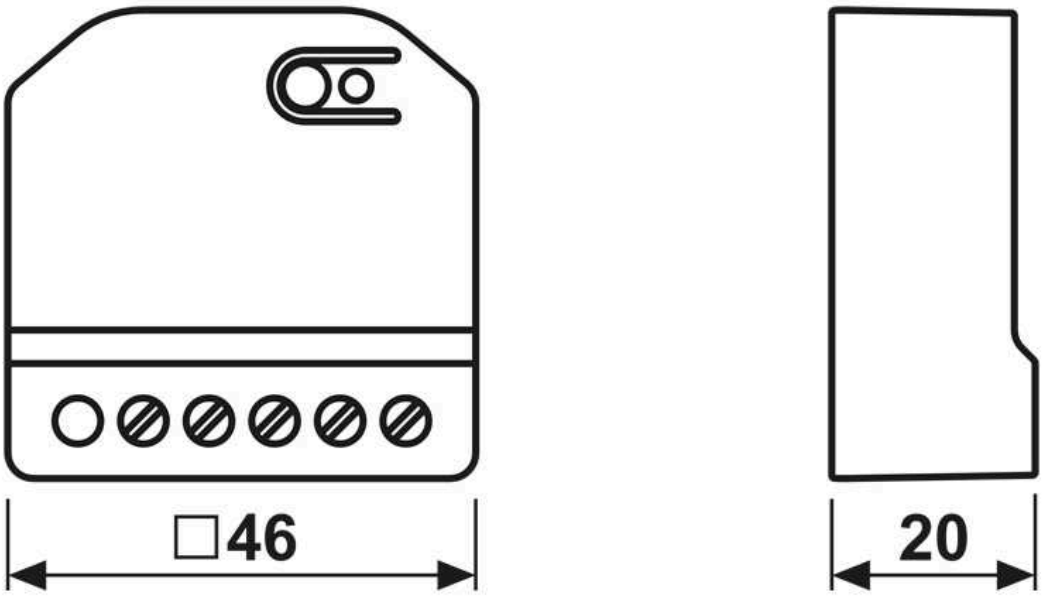
Product characteristics
- Commissioning and operation using JUNG HOME app with mobile device (smartphone or tablet) via Bluetooth®
- Free linking of the 2 binary inputs with JUNG HOME actuators (local or wireless)
- Independent use of actuator functions and binary inputs
- Multi-coloured status indicator 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 works according to the leading edge phase control or trailing edge phase control principle
- Setting of the dimming principle suitable for the load via the JUNG HOME App
- Electronic short-circuit protection with permanent switch-off after 7 seconds at the latest
- Electronic over-temperature protection
- 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. 0.35 W
Power loss:	max. 2.3 W
Ambient temperature:	-5 ... +45 °C
Storage temperature:	-5 ... +45 °C
Transport temperature:	-20 ... +70 °C
Relative humidity:	20 ... 70 % (no condensation)
Trailing edge phase control	
Incandescent lamps:	0 ... 300 W
HV halogen lamps:	0 ... 300 W
Electronic transformers with LV halogen lamps:	0 ... 300 W
Dimmable HV LED lamps:	typical 0 ... 200 W
Electronic LED ballast with LED lamps:	0 ... 200 W
Leading edge phase control	
Incandescent lamps:	0 ... 225 W
HV halogen lamps:	0 ... 225 W
Dimmable HV LED lamps:	typical 0 ... 80 W
Electronic LED ballast with LED lamps:	0 ... 80 W
Reduction of load	
for every 5 °C exceededing 35 °C:	-10 %
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



ALBRECHT JUNG GMBH & CO. KG
Volmestraße 1
58579 Schalksmühle

Phone +49 (0) 23 55/80 60
E-Mail kundencenter@jung.de