

# Product data sheet

## JUNG HOME switch actuator 1-gang mini with 2 binary inputs



### Reference number

BTS 1B 2U

### JUNG HOME switch actuator 1-gang mini with 2 binary inputs

available April 2023

#### Intended use

- Manual and automatic switching of lighting and common household devices
- Operation via binary inputs of the JUNG HOME actuator, JUNG HOME push-button, JUNG HOME sensors and JUNG HOME app
- Polling of conventional switching and push-button contacts for reporting states, triggering light scenes, operating electrical loads, etc.
- 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®
- Operation via binary inputs with up to 2 linked functions per binary input
- Use binary inputs to operate switch actuators or wirelessly linked JUNG HOME actuators
- Use the operating buttons to control groups, central functions or to call up light scenes
- Button for switching and for commissioning
- Multi-coloured status indicator
- Disabling of local operation
- Wind alarm via connection of weather sensors to binary inputs
- Up to 16 time programs control the switch actuator functions
- Staircase lighting function (lighting cannot be switched off manually) with switch-off warning
- Run-on time
- Activate/deactivate automatic operation using JUNG HOME app
- Automatic summer/winter time changeover
- Automatic date and time update when connecting with smartphone
- Integrated 16 A switch actuator
- Independent use of actuator functions and binary inputs
- Local actuator integrated into groups, central functions and light scenes
- Can be updated using JUNG HOME app
- Bluetooth® SIG Mesh for fully encrypted wireless communication and repeater function

#### Available in future via update:

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

- Time programs with sunrise or sunset (astro function)
- Time programs with random timing
- Disable and override functions: Continuous ON/OFF or ON/OFF for fixed time
- Use the binary inputs to trigger the disable and override functions
- Switch-on delay / switch-off delay

#### Technical data

Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Input voltage:	AC 230 V ~
Stand-by power:	max. 0.2 W
Power loss:	max. 4 W
Ambient temperature:	-5 ... +45 °C
Stora/transport temperature:	-25 ... +70 °C
Relative humidity:	20 ... 70 % (no condensation)
Switching current at 35 °C	
Ohmic:	16 A (AC1)
Motors:	6 A
Installation depth:	20 mm
Accuracy per month:	± 13 s
Power reserve:	min. 4 h
Connected load at 35 °C	
Incandescent lamps:	2300 W
HV halogen lamps:	2000 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
Reduction of load	
for every 5 °C exceeded 25 °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 (L x W x H):	48 x 51 x 20 mm
Radio frequency:	2402.0 ... 2480.0 MHz
Transmitting power:	max. 10 mW (class 1.5)
Transmission range	
in buildings:	approx. 30 m