



TRB501



1 flush mounted output 10A + 1 binary input

Technical properties

Architecture

Bus system	KNX
Number of blinds/shutters outputs	0

Functions

ETS additional functions	ETS additional functions: +6 scenes, operating mode on/off, 1 up/down button control, push-button, 2 x alarm, status display, repeater function
Function	easy additional functions: +6 scenes, repeater function ; reset function (to factory setting)
Light scenes	scene opening via KNX radio appliances ; scene saving lockable
Quicklink functions	quicklink functions: switching, 2 scenes, time switching, NO contact push-button, forced control

Configuration

Pre-assembled	confectioned, with 2-core cable
Number of modules	0

Controls and indicators

Indicator lamp	yes
Control	Activation, for example through switch, push-buttons, timer
Button / push-button	with configuration and function button

Connectivity

Radio protocol	KNX Radio
Receiver category	2
Inputs	with independent, mains supplied, binary input for potential-free contact

Main electrical features

Rated operational voltage Ue	195 / 230 / 253 V
Type of supply voltage	AC
Frequency	50 Hz

Voltage

Input voltage	5 V
Operating voltage	230 V AC

Electric current

Number of entry circuits	1
Rated current	10 A

Dimensions

Dimensions (Ø x H)	53 x 30 mm
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Power

Maximum power per output for incandescent bulbs	1500 VA
Conventional transformers	800 W
Electronic transformers	600 W
Radio transmission power	< 10 mW

Endurance

Transmitter duty cycle	1 %
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Measurement

Input scanning voltage	5 V
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Reach distance

Max. transmission range	30m in house / 100m free field
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Fluorescent bulbs control

Compact fluorescent lamps	100 W
Fluorescent lamps parallel compensated	250 W

LED control

LED	with configuration and function LEDs ; with transmission status and control LED for On/Off
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Incandescent bulbs control

230 V incandescent lamps and halogen lamps	1500 W
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Installation, mounting

Installation mode	for installation behind flush-mounted inserts
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Connection

Type of connection	with screw-in lift terminals
Bus connection	integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system

Cable

Binary cable length, extendable to	max. 5 m
Line length	20 cm

Settings

Programming	toolless quicklink configuration using buttons and LED display
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Scope of delivery

Bus connection included	Yes
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Equipment

Number of outputs	1
Number of radio channels	1
Number of channels	1

Number of quicklink links

max. 20 transmitter/receiver

Use conditions

Operating temperature

0...45 °C

Energy-saving

low intrinsic energy requirement