



TRB521

2 bin inputs + 1 output blinds /shutters

Architecture

Bus system KNX

Functions

- ETS additional functions: +6 scenes, operating mode, 1 up/down button control, 2 x alarm, status display
- ETS additional function: repeater function
- reset function (to factory setting)
- easy additional functions: +6 scenes, repeater function
- scene saving lockable
- scene opening via KNX radio appliances
- quicklink functions: blind, 2 scenes, forced control, up/down push-button

Configuration

- with 2 mechanically and electrically mutually-locked relay contacts

Controls and indicators

- Indicator lamp yes
- with manual operation up/down
  - with configuration and function button
  - Activation, for example through switch, push-button, timer, blind timer switch

Connectivity

- Radio protocol KNX Radio
- Receiver category 2
- with 2 independent, mains supplied, binary inputs for potential-free contacts

Main electrical features

Type of supply voltage AC

#### Frequency

Radio reception frequency	868,3 MHz
Radio transmission/reception frequency	868,3 MHz

#### Power

Contact rating with 230 V in AC1	1150 W
Radio transmission power	< 10 mW
- low intrinsic energy requirement	

#### Measurement

Relative humidity (without condensation)	0 65 % (without condensation)
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#### Dimensions

Height	27 mm
Dimensions (Ø x H)	53 x 27 mm

#### LED control

- with configuration and function LEDs
- with control LED (relay closed)

#### Installation, mounting

- for installation behind flush-mounted inserts

#### Connection

Conductor cross-section	0,75 2,5 mm <sup>2</sup>
Connection cross-sect. rigid cable	0,5 / 2,5mm <sup>2</sup>
Connection cross-sect. flexible conductor	0,5 / 2,5mm <sup>2</sup>
Type of connection	with screw
- with 2 independent battery-supplied binary inputs for potential-free contacts	
- with screw-in lift terminals	
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system	

#### Settings

- toolless quicklink configuration using buttons and LED display

#### Equipment

Number of radio channels	2
Number of quicklink links	max. 20 transmitter/receiver
Transmitter duty cycle	1 %

#### Use conditions

Operating temperature	0 45 °C
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#### Identification

Application, usage	KNX radio - actuators
Product family	product family: output
Device family	TR
Main design line	Electronics platform
Secondary design line(s)	Berker.Net