



TRB302B



Module 2 inputs flush mounted 230V KNX QL

Technical characteristics

Functions

Bus module detachable	No
ETS additional functions	ETS additional functions: +6 scenes, operating mode on/off, 1 up/down button control, push-button, 2 x alarm, status display
Function	reset function (to factory setting) ; easy additional functions: +6 scenes, on/off operating mode, 1 up/down button control
Quicklink functions	quicklink functions: switching, dimming, blind, 2 scenes, switching time, NO contact push-button, priority, up/down push-button

Configuration

Pre-assembled	confectioned, with 4-core cable
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Controls and indicators

Indicator lamp	yes
Control	Activation, for example, through switch, push-button, wind sensor, precipitation sensor, time switch
Button / push-button	with configuration button

Connectivity

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

Main electrical features

Frequency	50/60 Hz
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Voltage

Input voltage	5 V
Operating voltage	230 V AC

Electric current

Number of entry circuits	2
Intensity by input	0.03 mA

Dimensions

Dimensions (LLxwwxhh)	48 x 53 x 30 mm
Dimensions (Ø x H)	53 x 27 mm

Frequency

Transmission frequency	868 MHz
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Radio transmission frequency

868.3 MHz

Length

Max distance to switches 5 mm

Power

Total power loss under IN 0.9 W

Radio transmission power < 10 mW

Measurement

Input scanning voltage per channel 5 V

Reach distance

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

Materials

RAL colour RAL 7035 - Light grey

LED control

LED with configuration LED

Installation, mounting

Mounting type flush

Installation mode for installation behind flush-mounted inserts

Connection

Connection cross-sect. flexible conductor 0,5 / 2,5mm²

Connection cross-sect. rigid cable 0,5 / 2,5mm²

Conductor cross-section 0.75...2.5 mm²

Connection to push-button / switch

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. 10 m

Line length 20 cm

Settings

Programming toolless quicklink configuration using buttons and LED display

Equipment

Number of radio channels 2

Number of quicklink links max. 20 transmitter/receiver

Use

Pulse time min. 50 ms

Safety

REACH conform No

RoHS conform Yes

Halogen free

No

Use conditions

Operating temperature

-5...45 °C

Energy-saving

low intrinsic energy requirement