



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

**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

**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

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 / 2,5mm<sup>2</sup>

Connection cross-sect. rigid cable 0,5 / 2,5mm<sup>2</sup>

Conductor cross-section 0.75...2.5 mm<sup>2</sup>

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