TRM702A

IP30

quicklink

Binary 2 inputs device flush mounted battery powered KNX RF

Technical characteristics

Architecture

Bus system	Without

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
Number of modules	0

Controls and indicators

Indicator lamp	yes
Control	Activation, for example through switches, push-buttons, timers, blind timer switches, magnetic contact
Button / push-button	with configuration button

Connectivity

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

Voltage

Type of voltage input 1	DC
Input voltage	3 V

Electric current

Number of entry circuits	2
Input signal current	33 µA
Intensity by input	1 mA

Dimensions

Depth of installed product	11 mm

Subject to technical modifications

Height of installed product	39 mm
Width of installed product	41 mm

Frequency

Radio transmission frequency	868.3 MHz

Length

Max distance to switches	10 mm

Power

Radio transmission power	< 25 mW

Network configuration

Network	not dependent on mains power

Measurement

Input scanning voltage	per channel 5 V

Battery

Battery service life [years]	≈ 5
Battery / storage battery	with lithium coin cell battery 3 V type: CR 2430

Materials

Colour independent of design lines	light grey
Material	plastic
Surface appearance	matt

LED control

LED	with configuration LED

Installation, mounting

Installation mode	for installation behind flush-mounted inserts

Connection

Connection cross-sect. flexible conductor	0,5 / 1,5mm²
Connection cross-sect. rigid cable	0,5 / 1,5mm²
Connection to	push-button / switch
Bus connection	integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system

Cable

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

Subject to technical modifications

Standards

General standards	EN 300220-2 ; EN 301489-3 ; EN 50491-3 ; EN 60950-1

Safety

REACH conform	No
RoHS conform	Yes
Halogen free	No

Use conditions

Operating temperature	-10...50 °C
Storage/transport temperature	-20...70 °C
Energy-saving	low intrinsic energy requirement
Relative humidity (without condensation)	0...65 %

Identification

Application, usage	KNX radio- sensors
Device family	TRM
Main design line	KNX radio/quicklink