



TRM702A



## Binary 2 inputs device flush mounted battery powered KNX RF

### Technical properties

#### 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  $\mu$ A

Intensity by input 1 mA

#### Dimensions

Depth of installed product 11 mm

Height of installed product	39 mm
Width of installed product	41 mm
<b>Frequency</b>	
Radio transmission frequency	868.3 MHz
<b>Length</b>	
Max distance to switches	10 mm
<b>Power</b>	
Radio transmission power	< 25 mW
<b>Network configuration</b>	
Network	not dependent on mains power
<b>Measurement</b>	
Input scanning voltage	per channel 5 V
<b>Battery</b>	
Battery service life [years]	≈ 5
Battery / storage battery	with lithium coin cell battery 3 V type: CR 2430
<b>Materials</b>	
Colour independent of design lines	light grey
Material	plastic
Surface appearance	matt
<b>LED control</b>	
LED	with configuration LED
<b>Installation, mounting</b>	
Installation mode	for installation behind flush-mounted inserts
<b>Connection</b>	
Connection cross-sect. flexible conductor	0,5 / 1,5mm <sup>2</sup>
Connection cross-sect. rigid cable	0,5 / 1,5mm <sup>2</sup>
Connection to	push-button / switch
Bus connection	integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
<b>Cable</b>	
Line length	20 cm
<b>Settings</b>	
Programming	toolless quicklink configuration using buttons and LED display
<b>Equipment</b>	
Number of radio channels	2
Number of quicklink links	max. 20 transmitter/receiver
<b>Use</b>	
Pulse time	min. 50 ms

Subject to technical modifications

**Standards**

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

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REACH conform	No
RoHS conform	Yes
Halogen free	No

**Use conditions**

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

**Identification**

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