



TRE221

IP55 

Module 1 output for shutter/blind 10A IP55 KNX radio QL

Technical properties

Architecture

Bus system	KNX
Number of blinds/shutters outputs	1

Functions

Bus module detachable	No
ETS additional functions	ETS additional functions: +6 scenes, operating mode, status display, 2 x alarm
Function	reset function (to factory setting) ; Repeat function can be activated to increase the radio range ; easy additional functions: +6 scenes
Light scenes	scene saving lockable ; scene opening via KNX radio appliances
Quicklink functions	quicklink functions: blind, 2 scenes, forced control, up/down push-button

Configuration

Switch mode	with 2 mechanically and electrically mutually-locked relay contacts
Number of modules	0

Controls and indicators

Indicator lamp	yes
Operation	with manual operation up/down
Button / push-button	with configuration and function button

Connectivity

Radio protocol	KNX Radio
Receiver category	2

Main electrical features

Type of supply voltage	AC
Frequency	50 Hz

Voltage

Operating voltage	230 V AC
System supply voltage	230V AC

Electric current

Number of entry circuits	0
Input signal current	33 μ A
Maximum switching current	10 A
Switching current	10 A

Dimensions

Length	150 mm
Height	35 mm
Width	85 mm

Frequency

Radio reception frequency	868.3 MHz
Radio transmission/reception frequency	863.3 MHz

Power

Contact rating with 230 V in AC1	2000 W
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Materials

Surface appearance	matt
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LED control

LED	with configuration and function LEDs ; with control LED (relay closed)
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Connection

Type of connection	with screw-in lift terminals
Bus connection	integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
Type of connection	with screw

Cable

Cable clamp	with mounting plates and strain reliefs
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Settings

Supported configuration modes	easy, system, PB, quicklink
Lamella adjustment on signal duration	< 1 s
Programming	toolless quicklink configuration using buttons and LED display

Equipment

Number of quicklink links	max. 20 transmitter/receiver
Self-retaining for 2 min on signal length	> 1 s
Transmitter duty cycle	1 %
Change-over time for change of direction	< 0.6 s

Safety

REACH conform	No
RoHS conform	Yes
Halogen free	No

Use conditions

Operating temperature	-10...55 °C
Energy-saving	low intrinsic energy requirement
Relative humidity (without condensation)	0...65 % (without condensation)

Identification

Application, usage	KNX radio - actuators
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Product family

product family: output

Device family

TR

Main design line

Electronics platform