



TRM690G



IP20

Module 1 flush mounted output 200W, 2 wires + 2 inputs, KNX radio

Technical characteristics

Architecture

Bus system	KNX
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Functions

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
Light scenes	scene saving lockable ; scene opening via KNX radio appliances
Quicklink functions	quicklink functions: switching, 2 scenes, time switching, NO contact push-button, forced control

Configuration

Pre-assembled	confectioned, with 4-core cable
Number of modules	0

Controls and indicators

Indicator lamp	yes
Operation	with manual operation on/off
Control	Activation, for example through switch, push-buttons, timer
Button / push-button	with configuration and function button

Connectivity

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

Voltage

System supply voltage	230V AC
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Electric current

Number of entry circuits	2
Input signal current	33 µA
Maximum through current	1 A
Withstand current in AC1 for the contact path or zone 1	0.85 A

Dimensions

Height of installed product	40 mm
Dimensions (LLxwxhh)	40x40x18

Diameter	53 mm
Height	18 mm
Frequency	
Transmission frequency	868 MHz
Radio reception frequency	868.3 MHz
Power	
Output power	200 W
Conventional transformers	10...175 VA
Electronic transformers	10...175 VA
Radio transmission power	< 10 mW
Measurement	
Input scanning voltage	5 V
Reach distance	
Max. transmission range	30m in house / 100m free field
Materials	
Colour independent of design lines	light grey
Surface appearance	matt
LED control	
Max number of LED/CFL lamps	10
Dimmable 230 V retrofit LED lamps	3...50 W
Power LED	50 W
LED	with transmission status and control LED for On/Off ; with configuration and function LEDs
Incandescent bulbs control	
Max. power with incandescent lamps	200 W
230 V incandescent lamps and halogen lamps	10...200 W
Installation, mounting	
Installation mode	for installation behind flush-mounted inserts
Connection	
Connection cross-sect. flexible conductor	0,5 / 1,5mm ²
Connection cross-sect. rigid cable	0,5 / 2,5mm ²
Conductor cross-section (flexible)	0.5...1.5 mm ²
Conductor cross-section (rigid)	0.5...2.5 mm ²
Type of contacts	semi-conductor
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	
Binary cable length, extendable to	max. 5 m
Binary cable length	≈ 20 cm

Subject to technical modifications

Settings

Supported configuration modes	easy, system, PB, quicklink
Programming	toolless quicklink configuration using buttons and LED display

Scope of delivery

Bus connection included	Yes
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Equipment

Number of outputs	1
Number of radio channels	2
Number of quicklink links	max. 20 transmitter/receiver
Modular expandability	No
Transmitter duty cycle	1 %

Use

Pulse time	min. 50 ms
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Safety

REACH conform	No
RoHS conform	Yes
Halogen free	No

Use conditions

Operating temperature	-15...45 °C
Storage/transport temperature	-25...70 °C
Energy-saving	low intrinsic energy requirement
Relative humidity (without condensation)	0...65 % (without condensation)

Identification

Application, usage	KNX radio - actuators
Product family	product family: output
Device family	TRM
Main design line	Electronics platform

Instructions

Information text	Without neutral conductor connection.
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