



TRM690G



IP20

quicklink

1 FLUSH MOUNTED OUTPUT 200W, 2 WIRES + 2 INPUTS KNX RF

Technical properties

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 (LLxwwxhh)	40x40x18
Diameter	53 mm
Height	18 mm

Frequency

Transmission frequency	868 MHz
Radio reception frequency	868.3 MHz

Power

Total power loss under IN	1300 mW
Power dissipation per coil	320 mW
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
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Reach distance

Max. transmission range	30m in house / 100m free field
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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
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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
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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 connection	with screw-in lift terminals
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Bus connection	integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
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Type of connection	with screw
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Cable

Binary cable length, extendable to	max. 5 m
Binary cable length	12 cm

Settings

Subject to technical modifications

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

Scope of delivery

Bus connection included	No
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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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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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