



TRM693G



IK04 IP20

quicklink

## 1 FLUSH MOUNTED OUTPUT 3A 230V + 2 INPUTS MAINS POWERED KNX RF

### Technical properties

#### Architecture

Bus system yes

#### 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 ; Repeat function can be activated to increase the radio range

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

#### Electric current

Number of entry circuits 2

Input signal current 33  $\mu$ A

Maximum through current 3 A

Withstand current in AC1 for the contact path or zone 1 3 A

#### Dimensions

Height of installed product 40 mm

Dimensions (LLxwxhh)	40x40x20
Diameter	53 mm
Height	20 mm
<b>Frequency</b>	
Transmission frequency	868 MHz
Radio reception frequency	868.3 MHz
<b>Power</b>	
Total power loss under IN	450 mW
Power dissipation per coil	150 mW
Output power	690 W
Conventional transformers	250 VA
Electronic transformers	250 VA
Radio transmission power	< 10 mW
<b>Measurement</b>	
Input scanning voltage	5 V
<b>Reach distance</b>	
Max. transmission range	30m in house / 100m free field
<b>Materials</b>	
Colour independent of design lines	light grey
Surface appearance	matt
<b>Lighting control</b>	
Fluorescent lamps with electronical ballast (EB)	150 W
- uncompensated	150 W
<b>Fluorescent bulbs control</b>	
Power lighting fluo lamps	150W
Max. power fluo. duo lamp comp. series	150W
Compact fluorescent lamps	150 W
Compact fluorescent lamps	150 W
<b>LED control</b>	
Max number of LED/CFL lamps	20
230V LED lamps	150 W
Power LED	150 W
LED	with transmission status and control LED for On/Off ; with configuration and function LEDs
<b>Incandescent bulbs control</b>	
Max. power with incandescent lamps	500 W
230 V incandescent lamps and halogen lamps	500 W
<b>Installation, mounting</b>	
Installation mode	for installation behind flush-mounted inserts

**Connection**

Connection cross-sect. flexible conductor	0,5 / 1,5mm <sup>2</sup>
Connection cross-sect. rigid cable	0,5 / 2,5mm <sup>2</sup>
Conductor cross-section (flexible)	0.5...1.5 mm <sup>2</sup>
Conductor cross-section (rigid)	0.5...2.5 mm <sup>2</sup>
Type of contacts	1NO
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

**Settings**

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	-10...50 °C
Storage/transport temperature	-20...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