



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 µA

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
Frequency	
Transmission frequency	868 MHz
Radio reception frequency	868.3 MHz
Power	
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
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
Lighting control	
Fluorescent lamps with electronical ballast (EB)	150 W
- uncompensated	150 W
Fluorescent bulbs control	
Power lighting fluo lamps	150W
Max. power fluo. duo lamp comp. series	150W
Compact fluorescent lamps	150 W
Compact fluorescent lamps	150 W
LED control	
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
Incandescent bulbs control	
Max. power with incandescent lamps	500 W
230 V incandescent lamps and halogen lamps	500 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	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