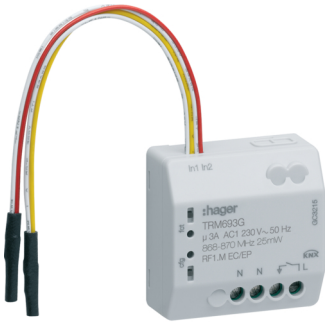

TRM693G

IP20

Module 1 flush mounted output 3A 230V + 2 inputs mains powered, KNX radio

Technical characteristics

Functions

Function	reset function (to factory setting)
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

Number of modules	0

Controls and indicators

Indicator lamp	yes
Button / push-button	with configuration and function button

Connectivity

Radio protocol	KNX Radio
Receiver category	2

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 (LLxwwxhh)	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

Materials

Colour independent of design lines	light grey
Surface appearance	matt

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
Power LED	150 W
LED	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

Conductor cross-section (flexible)	0.5...1.5 mm²
Conductor cross-section (rigid)	0.5...2.5 mm²
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
Programming	toolless quicklink configuration using buttons and LED display

Scope of delivery

Bus connection included	Yes

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

Safety	
REACH conform	No
RoHS conform	Yes
Halogen free	No

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	
Main design line	Electronics platform