TRM694G

IK04 IP20

quicklink

Module 1 FM output 4A free of potential + 2 inputs mains powered, KNX radio

Technical characteristics

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

Electric current

Number of entry circuits	2
Input signal current	33 µA
Maximum through current	4 A
Switching current at 12 V=	max. 4 A
Switching current at 24 V=	max. 2 A
Withstand current in AC1 for the contact path or zone 1	4 A

Dimensions

Height of installed product	40 mm
Dimensions (LLxwwxhh)	40x40x20

Subject to technical modifications

Diameter	53 mm
Height	20 mm

Frequency

Transmission frequency	868 MHz
Radio reception frequency	868.3 MHz

Power

Total power loss under IN	150 mW
Power dissipation per coil	150 mW
Output power	920 W
Conventional transformers	600 VA
Electronic transformers	600 W
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

- uncompensated	40 W

Fluorescent bulbs control

Power lighting fluo lamps	40W
Max. power fluo. duo lamp comp. series	40W
Compact fluorescent lamps	40 W
Compact fluorescent lamps	40 W

LED control

Max number of LED/CFL lamps	5
230V LED lamps	40 W
Power LED	40 W
LED	with transmission status and control LED for On/Off ; with configuration and function LEDs

Incandescent bulbs control

Max. power with incandescent lamps	600 W
230 V incandescent lamps and halogen lamps	600 W

Installation, mounting

Installation mode	for installation behind flush-mounted inserts

Connection

Connection cross-sect. flexible conductor	0,5 / 1,5mm²
Connection cross-sect. rigid cable	0,5 / 2,5mm²

Subject to technical modifications

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, quicklink
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

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

Subject to technical modifications