



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
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#### 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

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	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
<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>	
- uncompensated	40 W
<b>Fluorescent bulbs control</b>	
Power lighting fluo lamps	40W
Max. power fluo. duo lamp comp. series	40W
Compact fluorescent lamps	40 W
Compact fluorescent lamps	40 W
<b>LED control</b>	
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
<b>Incandescent bulbs control</b>	
Max. power with incandescent lamps	600 W
230 V incandescent lamps and halogen lamps	600 W
<b>Installation, mounting</b>	
Installation mode	for installation behind flush-mounted inserts
<b>Connection</b>	
Connection cross-sect. flexible conductor	0,5 / 1,5mm <sup>2</sup>
Connection cross-sect. rigid cable	0,5 / 2,5mm <sup>2</sup>

Subject to technical modifications

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
<b>Cable</b>	
Binary cable length, extendable to	max. 5 m
Binary cable length	≈ 20 cm
<b>Settings</b>	
Supported configuration modes	easy, system, PB, quicklink
Programming	toolless quicklink configuration using buttons and LED display
<b>Scope of delivery</b>	
Bus connection included	Yes
<b>Equipment</b>	
Number of outputs	1
Number of radio channels	2
Number of quicklink links	max. 20 transmitter/receiver
Modular expandability	No
Transmitter duty cycle	1 %
<b>Use</b>	
Pulse time	min. 50 ms
<b>Safety</b>	
REACH conform	No
RoHS conform	Yes
Halogen free	No
<b>Use conditions</b>	
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)
<b>Identification</b>	
Application, usage	KNX radio - actuators
Product family	product family: output
Device family	TRM
Main design line	Electronics platform