



TRM693AU



**IK04 IP20**

**Flush mounted radio output 3A 230V + 2 inputs mains powered**

**Technical properties**

**Architecture**

Bus system	Without
Number of blinds/shutters outputs	0

**Functions**

ETS additional functions	compatible with primary 4gang socket outlets
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**

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

**Main electrical features**

Type of supply voltage	AC
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**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	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
<b>Frequency</b>	
Transmission frequency	433 MHz
Radio reception frequency	433 MHz
Radio transmission/reception frequency	433.4 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>	

Subject to technical modifications

**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>
Type of contacts	1NO
Type of connection	with screw-in lift terminals
Bus connection	Not applicable
Type of connection	with screw

**Cable**

Binary cable length, extendable to	max. 5 m
Binary cable length	≈ 20 cm

**Settings**

Supported configuration modes	PB
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	10 %

**Use**

Pulse time	min. 50 ms
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**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