TRM691E

IP20

quicklink

1 FLUSH MOUNTED DIMMER 200W 2 WIRES + 2 INPUTS KNX RF

Technical properties

Architecture

Bus system	KNX

Functions

ETS additional functions	ETS additional functions: +6 scenes, operating mode on/off, dimming value, priority, status display, brightness display
Function	easy additional functions: +6 scenes ; reset function (to factory setting)
Light scenes	scene opening via KNX radio appliances ; scene saving lockable
Quicklink functions	quicklink functions: dimming, 2 scenes, time switching, NO contact push-button
Soft startup	bulb-preserving soft startup

Configuration

Pre-assembled	confectioned, with 4-core cable
Number of modules	0

Controls and indicators

Indicator lamp	yes
Operation	with manual operation on/off, brighter/darker
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

Main electrical features

Frequency	50 Hz
Rated current	850 mA

Voltage

Operating voltage	230 V AC
System supply voltage	230V AC

Fuse

Fuse	short-circuit and overload proof (electronic fuse)

Frequency

Radio reception frequency	868.3 MHz

Power

Incandescent bulb power	10 / 200 W
Conventional transformers	10...175 VA
Power of the variator	200 W
Electronic transformers	10...175 VA
Radio transmission power	< 25 mW

Endurance

Transmitter duty cycle	1 %

Measurement

Input scanning voltage	12 V

Reach distance

Max. transmission range	30m in house / 100m free field

LED control

Max number of LED/CFL lamps	8
Dimmable LED lamps	3...50 W
Dimmable 230 V retrofit LED lamps	3...50 W
Power LED	50 W
LED	with configuration and function LEDs ; with control LED for On/Off

Incandescent bulbs control

230 V incandescent lamps and halogen lamps	10...200 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
Type of load	universal
Conductor cross-section	0.5...2.5 mm²
Conductor cross-section (flexible)	0.5...1.5 mm²
Conductor cross-section (rigid)	0.5...2.5 mm²
Number of contacts	1
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	< 10 m
Binary cable length	≈ 20 cm

Settings

Programming	toolless quicklink configuration using buttons and LED display

Subject to technical modifications

Equipment

Number of inputs	2
Number of radio channels	2
Type of dimmer	universal
Number of quicklink links	max. 20 transmitter/receiver
Bidirectional radio frequency	Yes
Transmitter duty cycle	0.1 %
Dimming principle	phase cut-on or cut-off according to load type, self-learning

Use

Pulse time	min. 50 ms

Use conditions

Operating temperature	-15...45 °C
Storage/transport temperature	-25...70 °C
Energy-saving	low intrinsic energy requirement

Identification

Device family	TRM