



TRM691E



IP20

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

Technical properties

Architecture

Bus system	KNX
Fixing mode	flush-mounting

Functions

ETS additional functions	ETS additional functions: +6 scenes, operating mode on/off, dimming value, priority, status display, brightness display
Quicklink functions	quicklink functions: dimming, 2 scenes, time switching, NO contact push-button
Soft startup	bulb-preserving soft startup

Configuration

Number of modules	0
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Controls and indicators

Indicator lamp	yes
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Connectivity

Radio protocol	KNX Radio
Receiver category	2

Main electrical features

Frequency	50 Hz
Rated current	850 mA

Voltage

Operating voltage	230 V AC
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Fuse

Fuse	short-circuit and overload proof (electronic fuse)
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Frequency

Radio reception frequency	868.3 MHz
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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

Materials

Colour light grey

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

Incandescent bulbs control

230 V incandescent lamps and halogen lamps 10...200 W

Connection

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

Cable

Binary cable length, extendable to < 10 m

Binary cable length ≈ 20 cm

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

Safety

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Use conditions

Operating temperature -15...45 °C

Storage/transport temperature -25...70 °C