



EV100



IP20

Remote control dimmer universal 1000W

Technical properties

Architecture

Type of order direct

Functions

Slide switch with slide switch for local/slave mode

Operating mode local operating mode: Connection of conventional push-buttons ; Slave operating mode: Activation via 1/10 V interface (input signal)

Configuration

Number of modules 5

Controls and indicators

Dimming switch output for status indication of the dimming output ; dimming speed adjustable

Connectivity

Maximum connection distance to the priority inputs 50 m

Interface with 1-10 V interface

Main electrical features

Rated operational voltage U_e 230 V

Frequency 50 Hz

Voltage

Operating voltage 230 V~ +/- 10%

Electric current

Control current 1-10 V (slave) 1.5 mA

Rated current 4.5 A

Dimensions

Depth of installed product 65 mm

Height of installed product 85 mm

Installation height 0 / 1000 m

Length 65 mm

Width of installed product 88.5 mm

Width of rail mounted device (RMD) 5 modules

Length

Max distance to switches 50 mm

Power

Dimmable conventional transformers	20...1000 VA
Halogen switching capacity 230V	20 / 1000 W
Power consumed	6 W
Power consumption (operation)	15 W
Power consumption (standby)	3 W
Incandescent bulb power	20 / 1000 W
Total power loss under IN	1 W
Power dissipation per coil	2.8 W
Conventional transformers	20...1000 VA
Electronic transformers	25...1000 W

Cover, door

Surface cover	Other
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Materials

RAL colour	RAL 7035 - Light grey
Surface appearance	matt

LED control

LED	Overheating protection, display using LEDs ; Overload protection, display via LED
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Incandescent bulbs control

Max. power with incandescent lamps	1000 W
230 V incandescent lamps and halogen lamps	20...1000 W

Installation, mounting

Fixing type	With claws
Mounting type	din-Rail
Installation mode	for mounting on DIN rail

Connection

Connection cross-sect. flexible conductor	1 / 16mm ²
Connection cross-sect. rigid cable	1,5 / 10mm ²
Type of load	universal
Conductor cross-section (flexible)	1...16 mm ²
Conductor cross-section (rigid)	1.5...10 mm ²
Type of connection	with screw terminals
Connection	Connection for illuminated (max. 5 mA) or standard push-buttons
Type of connection	with screw

Settings

Setting	Brightness limit values adjustable via 2 potentiometers
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Equipment

Type of dimmer	No
Dimming principle	automatic load detection

Brightness

On/off brightness value individually adjustable

Safety

REACH conform

Yes

RoHS conform

Yes

Use conditions

Operating temperature

-10...45 °C

Storage/transport temperature

-20...70 °C