



EV100



IP20

## Remote control dimmer universal 1000W

### Technical properties

#### Architecture

Type of order	direct
Fixing mode	Din-Rail

#### 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
--------------------------	-------

<b>Power</b>	
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
---------------	-------

### Materials

RAL colour	RAL 7035 - Light grey
Surface appearance	matt

### LED control

LED	Overheating protection, display using LEDs ; Overload protection, display via LED
-----	--------------------------------------------------------------------------------------

### 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 <sup>2</sup>
Connection cross-sect. rigid cable	1,5 / 10mm <sup>2</sup>
Type of load	universal
Conductor cross-section (flexible)	1...16 mm <sup>2</sup>
Conductor cross-section (rigid)	1.5...10 mm <sup>2</sup>
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
---------	---------------------------------------------------------

### Equipment

Type of dimmer	No
Dimming principle	automatic load detection

Brightness

On/off brightness value individually adjustable

---

**Safety**

Protection index IP

IP20

---

**Use conditions**

Operating temperature

-10...45 °C

Storage/transport temperature

-20...70 °C