



EV108

IP20

## Dimmer 1-10V, with display

### Technical properties

#### Architecture

Type of order 1-10V

#### Configuration

Number of modules 4

#### Controls and indicators

Dimming Priority and scene recall ; switch output for status indication of the dimming output ; dimming speed adjustable

Indication / display with 2-digit, 7-segment function channel display

Button / push-button with actuation button for switching on/off ; with 2 actuation buttons for dimming up/down

#### Connectivity

Outputs switching output for disconnection of connected electronic ballasts

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

Operating voltage 230 V~ +/- 10%

#### Electric current

Control current 1-10 V (master) 50 mA

Control current 1-10 V (slave) 50 mA

Rated current 16 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 71 mm

Width of rail mounted device (RMD) 4 modules

#### Length

Max distance to switches	50 mm
Max. Distance of connection 1-10V	50 m
<b>Power</b>	
Power consumed	3 W
Power consumption (operation)	3 W
Power consumption (standby)	1 W
Total power loss under IN	1 W
Power dissipation per coil	1.5 W
<b>Cover, door</b>	
Surface cover	Other
<b>Power supply</b>	
Supply voltage	230 V
<b>Detection</b>	
Sensor insulation class	class I
<b>Materials</b>	
RAL colour	RAL 7035 - Light grey
Surface appearance	matt
<b>Installation, mounting</b>	
Fixing type	With claws
Mounting type	din-Rail
Installation mode	for mounting on DIN rail
<b>Connection</b>	
Connection cross-sect. flexible conductor	1 / 16mm <sup>2</sup>
Connection cross-sect. rigid cable	1,5 / 10mm <sup>2</sup>
Type of load	1-10 V
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
<b>Settings</b>	
Setting	Brightness limit and dimming speed adjustable via display
<b>Equipment</b>	
Switching contact potential-free	16 A, 230 V~ AC1
<b>Standards</b>	
Approvals	CE
<b>Safety</b>	
REACH conform	No
Halogen free	No

Subject to technical modifications

**Use conditions**

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Operating temperature	-10...45 °C
Storage/transport temperature	-20...60 °C

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**Identification**

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Composition	basis element
Device family	EV
Main design line	House electronics

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