



EV108



## Dimmer 1-10V, with display

### Technical characteristics

#### Architecture

Type of order	1-10V
Fixing mode	DIN rail type O (symmetrical)

#### Configuration

Number of modules	4
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#### 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 Ue	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

<b>Length</b>	
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>	
Colour	stone grey
RAL colour	RAL 7035 - Light grey
Material	other
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

**Safety**

Protection index IP	IP20
REACH conform	No
Halogen free	No

**Use conditions**

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

**Identification**

Composition	basis element
Device family	EV
Main design line	House electronics