



EV108



IP20

## Din-rail dimmer 1-10V + display

Product Datasheet

### Architecture

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

### Functions

Applicable with button	yes
Applicable with movement sensor	no
Dimmer 1-10 V	yes
Dimmer DALI	no
Dimming DSI	no
Dimming touch and dim	no
Dimming manufacturer's proprietary system	no
Dimming with push-button	yes

### Controls and indicators

Dimming	Priority and scene recall, switch output for status indication of the dimming output, dimming speed adjustable
<ul style="list-style-type: none"> <li>- with 2-digit, 7-segment function channel display</li> <li>- with actuation button for switching on/off</li> <li>- with 2 actuation buttons for dimming up/down</li> </ul>	

### Connectivity

Maximum connection distance to the priority inputs	50 m
Interface	with 1-10 V interface
- switching output for disconnection of connected electronic ballasts	

### Main electrical features

Rated operational voltage Ue	230 V
Frequency	50 Hz

### Voltage

Operating voltage	230 V
Operating voltage	230 V~ +/- 10%
Tension of command	195,5 / 230 V

### Electric current

Control current 1-10 V (master)	50 mA
Control current 1-10 V (slave)	50 mA
Rated current	16 A

### Length

Max distance to switches	50 mm
Max. Distance of connection 1-10V	50 m

## Power

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
Power	3680 VA

## Cover, door

Surface cover	Other
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## Power supply

Supply voltage	230 V
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## Detection

Sensor insulation class	class I
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## Storage

Instruction memory	yes
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## Materials

Colour	stone grey
RAL colour	RAL 7035 - Light grey
Material	other
Surface appearance	matt

## 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

## Installation, mounting

Fixing type	With claws
Applicable with infrared button	no
Applicable with presence indicator	no
Applicable with time switch/timer	yes
Applicable with transmission button	no
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	1-10 V
Conductor cross-section (flexible)	1...16 mm <sup>2</sup>
Conductor cross-section (rigid)	1,5...10 mm <sup>2</sup>
Connection	Connection for illuminated (max. 5 mA) or standard push-buttons
Type of connection	with screw
- with screw terminals	

### Settings

- Brightness limit and dimming speed adjustable via display

### Equipment

Switching contact potential-free	16 A, 230 V~ AC1
Light value memory	yes
With push-button input	yes

### Standards

Approvals	CE
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### Safety

Protection index IP	IP20
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