



EV108

IP20

## Dimmer 1-10V, with display

### Technical characteristics

#### 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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