



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 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

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

Cover, door

Surface cover	Other
---------------	-------

Power supply

Supply voltage	230 V
----------------	-------

Detection

Sensor insulation class	class I
-------------------------	---------

Materials

RAL colour	RAL 7035 - Light grey
Surface appearance	matt

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 ²
Connection cross-sect. rigid cable	1,5 / 10mm ²
Type of load	1-10 V
Conductor cross-section (flexible)	1...16 mm ²
Conductor cross-section (rigid)	1.5...10 mm ²
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 and dimming speed adjustable via display
---------	---

Equipment

Switching contact potential-free	16 A, 230 V~ AC1
----------------------------------	------------------

Standards

Approvals	CE
-----------	----

Use conditions

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

Subject to technical modifications

Identification	
Composition	basis element
Device family	EV
Main design line	House electronics