



EV106



## Remote control dimmer 1-10V

### Technical properties

#### 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

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	10 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
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**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	1.3 W

**Cover, door**

Surface cover	Other
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**Detection**

Sensor insulation class	class I
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**Materials**

Colour	stone grey
RAL colour	RAL 7035 - Light grey
Material	other
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 / 6mm <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

**Settings**

Setting	Brightness limit and dimming speed adjustable via display
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**Equipment**

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

Approvals	CE
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**Safety**

Protection index IP	IP20
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**Use conditions**

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

-20...60 °C

**Identification**

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Composition basis element

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Device family EV

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Main design line House electronics