



EV106

IP20

Remote control dimmer 1-10V

Technical characteristics

Architecture

Type of order 1-10V

Configuration

Number of modules 4

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

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 | 1.3 W |

Cover, door

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

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 / 6mm 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 |
|-----------|----|

Safety

| | |
|---------------|----|
| REACH conform | No |
| Halogen free | No |

Use conditions

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

Identification

Subject to technical modifications

| | |
|------------------|-------------------|
| Composition | basis element |
| Device family | EV |
| Main design line | House electronics |
