



EV102



IP20

Universal remote control dimmer 1000W + display

Technical properties

Architecture

Type of order Dimmer

Functions

Slide switch with slide switch for local/master/slave mode

Operating mode

local operating mode: Connection of conventional push-buttons ; Slave operating mode: Activation via 1/10 V interface (input signal) ; Master operating mode: Activation via 1/10 V interface (output signal)

Configuration

Number of modules 5

Controls and indicators

Indication / display with 2-digit, 7-segment function channel display

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~ +/- 10%

Electric current

Control current 1-10 V (master) 50 mA

Control current 1-10 V (slave) 1.5 mA

Rated current 4.5 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 88.5 mm

Width of rail mounted device (RMD) 5 modules

Length	
Max distance to switches	50 mm
Max. Distance of connection 1-10V	50 m
Power	
Dimmable conventional transformers	20...1000 VA
Halogen switching capacity 230V	20 / 1000 W
Power consumed	6 W
Power consumption (operation)	15 W
Power consumption (standby)	3 W
Incandescent bulb power	20 / 1000 W
Total power loss under IN	1 W
Power dissipation per coil	1.3 W
Conventional transformers	20...1000 VA
Electronic transformers	25...1000 W
Cover, door	
Surface cover	Other
Materials	
RAL colour	RAL 7035 - Light grey
Surface appearance	matt
LED control	
LED	Overheating protection, display using LEDs ; Overload protection, display via LED
Incandescent bulbs control	
Max. power with incandescent lamps	1000 W
230 V incandescent lamps and halogen lamps	20...1000 W
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	universal
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

Type of dimmer	No
Switching contact potential-free	5 A, 230 V~ AC1
Dimming principle	automatic load detection

Use conditions

Operating temperature	-10...45 °C
Storage/transport temperature	-20...70 °C
