



EV102



IP20

Universal remote control dimmer 1000W + display

Technical properties

Architecture

Type of order	Dimmer
Fixing mode	Din-Rail

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
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Controls and indicators

Indication / display	with 2-digit, 7-segment function channel display
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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~ +/- 10%
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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

Safety

Protection index IP	IP20
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Use conditions

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