EVN004

IP20

LED/CFL Enhanced Din-rail dimmer 500W

Product Datasheet

Architecture

Type of order	push button
Fixing mode	Din-Rail

Main electrical features

Rated operational voltage Ue	230 V
Frequency	50/60 Hz

Voltage

DC control voltage	24 / 110 V DC
Command voltage AC	24 / 230 V AC
Operating voltage	230 V~ +10%/-15%

Fuse

Fuse	with electronic short-circuit and overload protection

Length

Max distance to switches	50 mm

Power

Dimmable conventional transformers	500 VA
Halogen switching capacity 230V	500 W
Power consumed	4,5 W
Power consumption (operation)	4,5 W
Power consumption (standby)	0,2 W
Incandescent bulb power	500 W
Total power loss under IN	0,2 W
Conventional transformers	500 VA
Electronic transformers	500 W
Power	500 VA

Cover, door

Surface cover	Other

Materials

RAL colour	RAL 9001 - Cream
Surface appearance	matt

Dimensions

Depth of installed product	62 mm
Height of installed product	85 mm
Installation height	0 / 1000 m
Width of installed product	35 mm
Width of rail mounted device (RMD)	2 modules

Fluorescent bulbs control

Dimmable energy-saving lamps	100 W
Lighting power fluocompact lamps with built-in ballast	100 W

LED control

Quantity of dimmable, 230 V retrofit LED lamps	max. 10
Max number of LED/CFL lamps	10
Dimmable 230 V LED lamps	100 W
Power LED	100 W
LED	with button and RGB LED to teach-in of the connected load

Incandescent bulbs control

Max. power with incandescent lamps	500 W
230 V incandescent lamps and halogen lamps	500 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 / 6mm²
Connection cross-sect. rigid cable	1 / 6mm²
Type of load	universal
Conductor cross-section (flexible)	1,5…6 mm²
Conductor cross-section (rigid)	1,5…6 mm²
Connection	Connection for illuminated (max. 5 mA) or standard push-buttons
Type of connection	with screw

- with screw terminals

Cable

Load cable length	max. 50 m

Settings

- setting of comfort functions (1...4) via adjusting wheel
- Reset of settings for special functions

Equipment

Type of dimmer	No

- automatic load detection
- switch-on brightness memory function

Safety

Protection index IP	IP20
Halogen free	no

Use conditions

Operating temperature	-20...50 °C
Storage/transport temperature	-20...50 °C

Instructions

Information text	Only for use with dimmable lamps!