EVN012

IP20

LED/CFL Enhanced Din-rail dimmer 300W

Product Datasheet

Architecture

Type of order	push button
Fixing mode	Din-Rail

Functions

- Comfort functions (1-4) switchable via selection switch

Controls and indicators

- with configuration button for teach-in of load and RGB status LED

Main electrical features

Rated operational voltage Ue	230 V
Frequency	50/60 Hz

Voltage

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	300 VA
Halogen switching capacity 230V	300 W
Power consumed	2,1 W
Power consumption (operation)	2,1 W
Incandescent bulb power	300 W
Total power loss under IN	0,2 W
Conventional transformers	300 VA
Electronic transformers	300 W
Power	300 VA

Cover, door

Surface cover	Other

Materials

RAL colour	RAL 9001 - Cream
Surface appearance	matt

Dimensions

Depth of installed product	65 mm
Height of installed product	90 mm
Installation height	0 / 1000 m
Width of installed product	17,5 mm
Width of rail mounted device (RMD)	1 modules

Fluorescent bulbs control

Dimmable energy-saving lamps	60 W
Lighting power fluocompact lamps with built-in ballast	60 W

LED control

Quantity of dimmable, 230 V retrofit LED lamps	max. 8
Max number of LED/CFL lamps	8
Dimmable 230 V LED lamps	60 W
Power LED	60 W

Incandescent bulbs control

Max. power with incandescent lamps	300 W
230 V incandescent lamps and halogen lamps	300 W

Installation, mounting

Fixing type	With claws
Mounting type	din-Rail
Installation mode	for mounting on DIN rail

Connection

Connection cross-sect. flexible conductor	1,5 / 6mm²
Connection cross-sect. rigid cable	1,5 / 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

Equipment

Type of dimmer	No
- automatic load detection	

Safety

Protection index IP	IP20
Halogen free	no

Use conditions

Operating temperature	-10…45 °C
Storage/transport temperature	-25…70 °C

Instructions

Information text	Only for use with dimmable lamps!