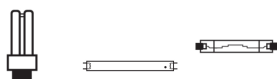




EE202



IP20

## Light sensitive switch 2 channels for cascading

### Technical properties

#### Functions

Slide switch

with slide switch for automatic/test ; with two slide switches for ON/OFF/measuring range 1/2

#### Configuration

Number of modules

4

#### Controls and indicators

Presence button

No

#### Main electrical features

Rated operational voltage  $U_e$

230 V

Frequency

50/60 Hz

#### Voltage

Max. switching capacity at

250 V AC

Operating voltage

230 V~ +10%/-15%

#### Electric current

Acceptable current rating with AC1

16 A

Max. power with  $\cos \phi$  0.6

16 A

#### Dimensions

Depth of installed product

65 mm

Height of installed product

85 mm

Length

58 mm

Width of installed product

71 mm

Width of rail mounted device (RMD)

4 modules

#### Frequency

Frequency range

50...60 Hz

#### Length

Maximum connection distance between receiver and transmitter

50m

#### Power

Max. power with fluo uncompensated lamps

1000 VA

Power consumed

1.5 VA

Power consumption (operation)

1.5 VA

Incandescent bulb power

0 / 2300 W

Total power loss under IN

2 W

Power dissipation per coil	0.3 W
Max. Breaking capacity for parallel compensated fluorescent tubes	1000 W
Max. Breaking capacity for row-compensated fluorescent tubes	3600 W
<b>Endurance</b>	
Electrical endurance cycles with incandescent lighting	48000
Electrical durability at nominal load in AC1 in operating cycles	50000
Electrical durability with parallel compensated fluorescent tubes	48000
<b>Power supply</b>	
Supply voltage	230 V
<b>Lighting control</b>	
Brightness measurement range	2 / 20000 Lux
Fluorescent lamps with electronical ballast (EB)	1000 W
Brightness measuring range 2	0.2...20 klx
<b>Fluorescent bulbs control</b>	
Max. power with fluorescent parallel lamps	1000 VA
Max. power fluo. duo lamp comp. series	1000 W
Compact fluorescent lamps	10 x 20 W
Fluorescent lamps parallel compensated	1000 W
Fluorescent lamps uncompensated	2000 W
<b>Incandescent bulbs control</b>	
Max. power with incandescent lamps	2000 W
230 V incandescent lamps and halogen lamps	2300 W
<b>Installation, mounting</b>	
Mounting type	din-Rail
Installation mode	for mounting on DIN rail
<b>Connection</b>	
Connection cross-sect. flexible conductor	1 / 6mm <sup>2</sup>
Connection cross-sect. rigid cable	1,5 / 10mm <sup>2</sup>
Conductor cross-section	0.5...4 mm <sup>2</sup>
Number of contacts	2
Type of contacts	2NO
Type of connection	with screw terminals
Contact	with one potential-free switching contact per channel ; with two contacts for the additional connection of external switching contacts
Connection	connection for brightness sensor ; connection for a maximum of 10 linkable devices
<b>Cable</b>	

Cable length between twilight switch and brightness sensor max. 50 m ; Cable length between 2 twilight switches max. 50 m

Wire

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**Settings**

Delay ON	30 s
Delay OFF	30 s

Setting

with 2 potentiometers for fine adjustment of response brightness and sensitivity ; potentiometer for selecting the operating mode (automatic/semiautomatic) and delay time

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**Equipment**

Brightness	Switch-on brightness at twilight adjustable
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**Use conditions**

Operating temperature	0...45 °C
Storage/transport temperature	-20...60 °C

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**Identification**

Main design line	House electronics
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