



EE200



IP20

Twilight switch, 2 channels, 20kLux

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
Endurance	
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
Power supply	
Supply voltage	230 V
Lighting control	
Brightness measurement range	2 / 20000 Lux
Fluorescent lamps with electronical ballast (EB)	1000 W
Brightness measuring range 2	0.2...20 klx
Fluorescent bulbs control	
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
Incandescent bulbs control	
Max. power with incandescent lamps	2000 W
230 V incandescent lamps and halogen lamps	2300 W
Installation, mounting	
Mounting type	din-Rail
Installation mode	for mounting on DIN rail
Connection	
Connection cross-sect. flexible conductor	1 / 6mm ²
Connection cross-sect. rigid cable	1,5 / 10mm ²
Conductor cross-section	0.5...4 mm ²
Number of contacts	2
Type of contacts	2NO
Type of connection	with screw terminals
Contact	with one potential-free switching contact per channel
Connection	connection for brightness sensor
Cable	
Wire	Cable length between twilight switch and brightness sensor max. 50 m ; Cable length between 2 twilight switches max. 50 m

Settings

Delay ON 30 s

Delay OFF 30 s

Setting with 2 potentiometers for fine adjustment of response brightness and sensitivity

Equipment

Brightness Switch-on brightness at twilight adjustable

Use conditions

Operating temperature 0...45 °C

Storage/transport temperature -20...60 °C

Identification

Main design line House electronics