



EE811



IP41

Presence detector 360° 2 channel

Technische Merkmale

Architecture

Fixing mode section make

Functions

Operation mode switch no

- Linking with 1-channel presence detectors in order to expand the detection area
- with test mode

Configuration

- two separate function channels for brightness-dependent and brightness-independent functions
- Channel 1 für brightness-dependent or semiautomatic control (switching on via push-button) of consumers
- Channel 2 für brightness-independent control of consumers with predefined switch-on delay and delay time (3 operating modes)

Compatibility

- on push-button (NO), extension units can be switched on and off by retriggering

Main electrical features

Frequency 50 Hz

Rated operational voltage Ue 230 V

Voltage

Operating voltage 230 V~ +10%/-15%

Electric current

Switching current at $\cos \varphi = 0.8$ max. 16 A

Power

Power consumption (standby) ≈ 1,2 W

Incandescent bulb power 0/1500 W

- energy saving by means of presence and brightness-dependent ON and OFF switching of light
- energy saving by means of presence and brightness-dependent switching of lights, heating etc.

Reach distance

Max. transmission range 12m

Power supply

Supply voltage 230 V

Detection

Frontal detecting distance	7 m
Side detecting distance	13 m
Detection angle	360 °
Detection angle	360 °
Detection field Ø, at desk height	≈ 5 m
Detection field Ø, on floor	≈ 12 m
Diameter of the floor detection area	12 m

Materials

Colour	pure white
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Dimensions

Length	100 mm
Recommended installation height	2,5 ... 3,5 m

Lighting control

Brightness measurement range	5/1200 Lux
Fluorescent lamps with electronical ballast (EB)	1000 W
Response brightness, adjustable	≈ 5 ... 1200 lx

Fluorescent bulbs control

Energy-saving lamps	20 x 18 W
Fluorescent lamps parallel compensated	290 W
Fluorescent lamps parallel compensated	290 W

LED control

230V LED lamps	20 x 18 W
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Incandescent bulbs control

12 V halogen lamps	1500 W
230 V incandescent lamps and halogen lamps	2300 W

Installation, mounting

Maximum Mounting Height	4 m
- for ceiling mounting (also on a 60 wall box)	

Connection

Connection type	1 to 4 mm ²
Type of contacts	1NO

Settings

Time delayed range	1, 30min
Delay time, adjustable	≈ 1 ... 30 mn

Scope of delivery

- with flush-mounted switch insert	
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Equipment

Monitoring area	max. 162 m ²
Switch-off delay self-learning	no
- Detector head slewing by 90°	

Safety

Protection class	isol.class II
Protection index IP	IP41

Use conditions

Operating temperature	0 ... 45 °C
Storage temperature	-10 to 60 °C
Storage/transport temperature	-10 ... 60 °C

Identification

Application, usage	Motion detector
Main design line	Motion detectors