



Presence detector 360° 1 channel

EE810

Architecture

Fixing mode	surface-mounting
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Functions

Operation mode switch	no
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- with communication between individual units connected in parallel (controller system formation)
- with 2 operating modes: presence detector or ceiling controller

Connectivity

- 1 electronic output (Triac) for activation of the stair light time switch

Main electrical features

Frequency	50 Hz
Rated operational voltage U_e	230 V

Voltage

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

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

Power consumption (standby)	~ 1,2 W
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- energy saving by means of presence and brightness-dependent ON and OFF switching of light

Reach distance

Max. transmission range	12m
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Power supply

Supply voltage	230 V
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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
Diameter of the floor detection area	12 m

Materials

Colour	pure white
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Dimensions

Height of installed product	31 mm
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)	580 W
Response brightness, adjustable	~ 5 1200 lx

Fluorescent bulbs control

Energy-saving lamps	20 x 18 W
Compact fluorescent lamps	20 x 18 W
Fluorescent lamps parallel compensated	290 W
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LED control

230V LED lamps	20 x 18 W
- with red diagnosis and settings help LED	

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)	

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

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