



Movement detector 360° surface mounted

EE804A

Architecture

Fixing mode	surface-mounting
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Functions

Operation mode switch	no
- can only be used as individual unit	

Main electrical features

Rated operational voltage Ue	230 V
Frequency	50/60 Hz

Voltage

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

Switching current (ohmic)	max. 10 A
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Power

Halogen switching capacity 230V	0/2300 W
Max. power with fluo uncompensated lamps	1000 VA
Power consumption (standby)	0,3 W
Incandescent bulb power	0/2300 W
Conventional transformers	max. 1500 VA
Electronic transformers	max. 1500 W

Power supply

Supply voltage	230 V +10% / -15%
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Detection

Frontal detecting distance	6 m
Side detecting distance	6 m
Detection angle	360 °
Detection angle	360 °
Diameter of the floor detection area	6 m
Detection field Ø, on floor	? 6 m

Materials

Colour	white
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Dimensions

Height of installed product	50 mm
Length	100 mm
Dimensions (Ø x H)	90 x 61 mm
Assembling height	50 mm
Recommended installation height	2,5 3,5 m

Lighting control

Response brightness, adjustable	? 5 1000 lx
Brightness measurement range	5/1000 Lux
- with electronical ballast (EB)	8 x 58 W

Fluorescent bulbs control

Fluorescent lamps uncompensated	1000 W
Energy-saving lamps	10 x 20 W
- parallel compensated	1000 W

LED control

230V LED lamps	20 x 20 W
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Incandescent bulbs control

12 V halogen lamps	1500 VA
230 V incandescent lamps and halogen lamps	max. 2300

Installation, mounting

Mounting type	surface-mounted
Maximum Mounting Height	4 m
- for ceiling mounting	
- Installation possible on flush-mounted box	

Connection

Conductor cross-section	1 2,5 mm ²
Number of contacts	1
Type of contacts	NO
- with screw terminals	

Settings

Sensitivity setting	no
Time delayed range	5s to 30 min
Delay time, adjustable	5 s 30 mn
- with potentiometers for setting the response brightness and delay time without dismantling	

Scope of delivery

- with fitting material	
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Equipment

Switch-off delay self-learning	no
- not potential free	

Safety

Protection index IP	IP21
Protection class	isol.class II

Use conditions

Operating temperature	-5 45 °C
Storage temperature	-20 to 60 °C
Storage/transport temperature	-25 70 °C
- energy saving by means of presence and brightness-dependent ON and OFF switching of light	
- low intrinsic energy requirement	

Identification

Application, usage	Motion detector
Main design line	Motion detectors