



Movement detector 360° surface mounted

EE804A

Architecture

Fixing mode	surface-mounting
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Functions

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

Main electrical features

Frequency	50/60 Hz
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Rated operational voltage U_e	230 V
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Voltage

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

Switching current (ohmic)	max. 10 A
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Power

Max. power with fluo uncompensated lamps	1000 VA
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Halogen switching capacity 230V	0/1000 W
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Power consumption (standby)	0,3 W
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Incandescent bulb power	0/1000 W
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Maximum power per output for low-voltage halogen lamps with conv. transformer	500 W
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- energy saving by means of presence and brightness-dependent ON and OFF switching of light

- low intrinsic energy requirement

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 °
Detection field Ø, on floor	~ 6 m

Materials

Colour	white
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Dimensions

Height of installed product	50 mm
Length	100 mm
Installation opening Ø	75 mm
Assembling height	50 mm
Recommended installation height	2,5 3,5 m
Installation wall thickness	5 20 mm

Lighting control

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

Fluorescent bulbs control

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

Incandescent bulbs control

12 V halogen lamps	500 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	1NC
- with screw terminals	

Settings

Time delayed range	5s, 15min
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

Equipment

Switch-off delay self-learning no

- with potential-free normally-open contact

Safety

Protection class isol.class II

Protection index IP IP21

Use conditions

Operating temperature 0 45 °C

Storage temperature -20 to 60 °C

Identification

Application, usage Motion detector

Main design line Motion detectors