



IP55 Motion Detector 360° White

EE840

Architecture

Fixing mode	surface-mounting
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Functions

Operation mode switch	no
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- can be used as a single unit, main device or extension unit
- with 2 operating modes: time- and light-dependent switch on or pulse mode

Main electrical features

Frequency	50/60 Hz
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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	400 W
Power consumption (standby)	1,2 W
Incandescent bulb power	1500 W

- low intrinsic energy requirement
- energy saving by means of presence and brightness-dependent ON and OFF switching of light

Camera

- Lens setting vertical -30 ... +90°

Power supply

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

Frontal detecting distance	12 m
Side detecting distance	6 m
Detection angle	360 °
Detection angle	360 °
Detection angle, settable	each side ~ 30 90 °
Detection field Ø, on floor	~ 12 m
Diameter of the floor detection area	12 m

Materials

Colour	white
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Dimensions

Height of installed product	2,5 m
Recommended installation height	2,5 m

Lighting control

Brightness measurement range	5/1000 Lux
Fluorescent lamps with electronical ballast (EB)	580 W
Response brightness, adjustable	~ 5 1000 lx

Fluorescent bulbs control

Energy-saving lamps	10 x 20 W
Fluorescent lamps parallel compensated	400 W /47 µF

LED control

230V LED lamps	20 x 20 W
- with LED detection and mode indicator	

Incandescent bulbs control

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

Installation, mounting

Mounting type	surface-mounted
Maximum Mounting Height	4 m
- for wall and ceiling mounting, corner installation with adapter	

Connection

Connection type	quick connect
Type of contacts	1W + neutral
- with screw terminals	

Cable

- with cable entry	
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Settings

Response sensitivity, settable	20 100 %
Time delayed range	5s, 15min
Delay time, adjustable	5 s 15 mn
- with potentiometers for fine adjustment of the response brightness, sensitivity and delay time	

Scope of delivery

- with fitting material

Equipment

Switch-off delay self-learning	no
- with potential-free contact	
- vertically slewing	

Safety

Protection index IP	IP55
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Use conditions

Operating temperature	-20 55 °C
Storage temperature	-20 to 60 °C
Storage/transport temperature	-20 60 °C

Identification

Application, usage	Motion detector
Main design line	Motion detectors