



IP55 Motion detector 140° white

EE820

Architecture

Fixing mode	surface-mounting
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Functions

Operation mode switch	no
- can only be used as individual unit	
- with 2 operating modes: time- and light-dependent switch on or pulse mode	

Main electrical features

Frequency	50/60 Hz
Rated operational voltage U _e	230 V

Voltage

Operating voltage	230 V~
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Electric current

Switching current (ohmic)	max. 10 A
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Power

Max. power with fluo uncompensated lamps	290 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 horizontal $\pm 80^\circ$
- Lens setting vertical 0 ... 30°

Cover, door

- with cover elements to limit the detection field

Power supply

Supply voltage 230 V +10% / -15%

Detection

Frontal detecting distance 16 m
Side detecting distance 8 m
Detection angle 140 °
Detection angle 140 °
Detection field Ø, on floor ~ 16 m
Diameter of the floor detection area 16 m

Materials

Colour white

Dimensions

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

Lighting control

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

Fluorescent bulbs control

Energy-saving lamps 10 x 20 W
- parallel compensated 290 W

LED control

- 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 plug-in terminals

Cable

- with cable entry

Settings

Sensitivity setting no

Time delayed range 5s, 15min

Delay time, adjustable 5 s 15 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

- horizontally rotatable

Safety

Protection index IP IP55

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