



IP55 Motion detector 140° white

EE820

Architecture	
Fixing mode	surface-mounting
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 Ue	230 V
Voltage	
Operating voltage	230 V~
Electric current	
Switching current (ohmic)	max. 10 A
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 ± 80°	
- 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
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	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

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