Motion detector 200° white

EE830

Architecture

Fixing mode	surface-mounting

Functions

Operation mode switch	no

- 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
Rated operational voltage Ue	230 V

Voltage

Operating voltage	230 V~

Electric current

Switching current (ohmic)	max. 16 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	6 m
Detection angle	200 °
Detection angle	200 °
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

- with crawl-under protection

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