



EE870



Motion detector comfort 220/360°, IP55, wall mounted, white

Technical properties

Architecture

Bus system Without

Functions

Function Presence simulation ; can be used as a single unit, main device or extension unit

Operating mode with 2 operating modes: time- and light-dependent switch on or pulse mode

Main electrical features

Frequency 50/60 Hz

Voltage

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

Dimensions

Height of installed product 2.5 m

Recommended installation height 2.5 m

Power

Power consumption (standby) ≈ 1.2 W

Incandescent bulb power 2300 W

Measurement

Detection field, semi-circular shaped ≈ 10 x 20 m

Reach distance

Range, side each ≈ 10 m

Camera

Lens Lens setting horizontal ± 80° ; Lens setting vertical - 30 ... +90°

Power supply

Supply voltage 230 V AC

Detection

Detection angle 220 / 360 °

Detection angle 220 °

Detection field Ø, on floor ≈ 6 m

Materials

Colour white

Lighting control

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

Fluorescent bulbs control

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

LED control

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

Incandescent bulbs control

12 V halogen lamps	1500 W
230 V incandescent lamps and halogen lamps	2300 W

Installation, mounting

Maximum Mounting Height	2.5 m
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Connection

Connection type	quick connect
Type of contacts	contact floating
Type of connection	with screw terminals

Cable

Wire	with cable entry
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Settings

Response value sensitivity adjustable	Yes
Response sensitivity, settable	20...100 %
Time delayed range	5s to 30 min
Delay time, adjustable	5 s...30 mn

Setting with potentiometers for fine adjustment of the response brightness, sensitivity and delay time

Scope of delivery

Component	with fitting material
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Equipment

Potential-free	with potential-free contact
Slewing	vertically slewing and horizontally rotating

Safety

Protection class	isol.class II
REACH conform	Yes
RoHS conform	Yes
Protection	with crawl-under protection

Use conditions

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

Energy-saving

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

Identification

Application, usage	Motion detector
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Main design line	Motion detectors
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