



EE870



IP55

IP55 Motion Detector Comfort 220/360° 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

Length 153 mm

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 360 °

Detection angle 220 °

Detection field Ø, on floor ≈ 6 m

Materials

Colour	white
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Lighting control

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

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

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

12 V halogen lamps	1500 W
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230 V incandescent lamps and halogen lamps	2300 W
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Installation, mounting

Maximum Mounting Height	4 m
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Connection

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

Wire	with cable entry
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Settings

Response value sensitivity adjustable	Yes
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Response sensitivity, settable	20...100 %
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Time delayed range	5s to 30 min
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Delay time, adjustable	5 s...30 mn
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Setting	with potentiometers for fine adjustment of the response brightness, sensitivity and delay time
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Scope of delivery

Component	with fitting material
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Equipment

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

Protection class	isol.class II
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REACH conform	Yes
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RoHS conform	Yes
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Use conditions

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