



EE805A



Movement detector 360° flush mounted with normally open contact

Technical properties

Functions

Function can only be used as individual unit

Main electrical features

Rated operational voltage U_e 230 V

Frequency 50/60 Hz

Voltage

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

Electric current

Switching current (ohmic) max. 10 A

Dimensions

Height of installed product 15.5 mm

Dimensions (Ø x H) 90 x 61 mm

Width of installed product 19 mm

Installation opening Ø 75 mm

Assembling height 61 mm

Recommended installation height 2.5...3.5 m

Installation wall thickness 5...20 mm

Power

Halogen switching capacity 230V 0 / 2300 W

Max. power with fluo uncompensated lamps 1000 VA

Power consumption (standby) 0.3 W

Incandescent bulb power 0 / 2300 W

Maximum power per output for low-voltage halogen lamps with conv. transformer 1500 W

Conventional transformers max. 1500 VA

Electronic transformers max. 1500 W

Power supply

Supply voltage 230 V +10% / -15%

Detection

Detection angle 360 °

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)	8 x 58 W

Fluorescent bulbs control

Energy-saving lamps	10 x 20 W
Fluorescent lamps uncompensated	1000 W

LED control

230V LED lamps	20 x 20 W
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Incandescent bulbs control

12 V halogen lamps	1500 VA
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Installation, mounting

Maximum Mounting Height	4 m
Mounting type	flush-mounted
Installation mode	for ceiling mounting ; with spring clips for ceiling installation

Connection

Conductor cross-section	1...2.5 mm ²
Type of contacts	Normally open contact (NO)
Type of connection	with plug-in terminals

Settings

Response value sensitivity adjustable	No
Delay time, adjustable	5 s...30 mn
Setting	with potentiometers for setting the response brightness and delay time

Scope of delivery

Component	with fitting material
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Equipment

Potential-free	not potential-free
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Safety

Protection class	isol.class II
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Use conditions

Operating temperature	-5...45 °C
Storage/transport temperature	-25...70 °C
Energy-saving	energy saving by means of presence and brightness-dependent ON and OFF switching of light ; low intrinsic energy requirement

Identification

Application, usage	Motion detector
Main design line	Motion detectors