

Movement detector 360° surface mounted

EE804A

Functions

Operation mode switch	no
- can only be used as individual unit	

Main electrical features

Rated operational voltage Ue	230 V
Frequency	50/60 Hz

Voltage

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

Electric current

Switching current (ohmic)	max. 10 A

Power

Halogen switching capacity 230V	0 / 1000 W
Max. power with fluo uncompensated lamps	1000 VA
Power consumption (standby)	0,3 W
Incandescent bulb power	0 / 1000 W
Maximum power per output for low-voltage halogen lamps with conv. transformer	500 W

Power supply

Supply voltage	230 V +10% / -15%

Detection

Detection angle	360 °
Detection field Ø, on floor	~ 6 m
Frontal detecting distance	6 m
Side detecting distance	6 m
Diameter detection range on floor	6 m

Materials

Colour	white

Dimensions

Height of installed product	50 mm
Installation opening Ø	75 mm
Assembling height	50 mm
Recommended installation height	2,5 3,5 m
Installation wall thickness	5 20 mm

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

Incandescent bulbs control

12 V halogen lamps	500 VA

Installation, mounting

Maximum Mounting Height	4 m
Mounting type	surface-mounted
Installation mode	for ceiling mounting, Installation possible on flush-mounted box

Connection

Conductor cross-section	1 2,5 mm²
Number of contacts	1
Type of contacts	1NC
- with screw terminals	

Settings

Response value sensitivity adjustable	no
Delay time, adjustable	5 s 30 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
- with potential-free normally-open contact	

Safety

Protection class	isol.class II

Use conditions

Operating temperature	0 45 °C
Storage/transport temperature	-20 60 °C

- 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