



Movement detector 360° surface mounted

EE804A

Architecture

| | |
|-------------|------------------|
| Fixing mode | surface-mounting |
|-------------|------------------|

Functions

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

Main electrical features

| | |
|------------------------------------------|----------|
| Frequency | 50/60 Hz |
| Rated operational voltage U _e | 230 V |

Voltage

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

Electric current

| | |
|---------------------------|-----------|
| Switching current (ohmic) | max. 10 A |
|---------------------------|-----------|

Power

| | |
|---------------------------------------------------------------------------------------------|--------------|
| Max. power with fluo uncompensated lamps | 1000 VA |
| Halogen switching capacity 230V | 0/2300 W |
| Power consumption (standby) | 0,3 W |
| Incandescent bulb power | 0/2300 W |
| Conventional transformers | max. 1500 VA |
| Electronic transformers | max. 1500 W |
| - energy saving by means of presence and brightness-dependent ON and OFF switching of light | |
| - low intrinsic energy requirement | |

Power supply

| | |
|----------------|-------------------|
| Supply voltage | 230 V +10% / -15% |
|----------------|-------------------|

Detection

| | |
|--------------------------------------|-------|
| Frontal detecting distance | 6 m |
| Side detecting distance | 6 m |
| Detection angle | 360 ° |
| Detection angle | 360 ° |
| Detection field Ø, on floor | ~ 6 m |
| Diameter of the floor detection area | 6 m |

Materials

| | |
|--------|-------|
| Colour | white |
|--------|-------|

Dimensions

| | |
|---------------------------------|------------|
| Height of installed product | 50 mm |
| Length | 100 mm |
| Dimensions (Ø x H) | 90 x 61 mm |
| Assembling height | 50 mm |
| Recommended installation height | 2,5 3,5 m |

Lighting control

| | |
|----------------------------------|-------------|
| Brightness measurement range | 5/1000 Lux |
| - with electronical ballast (EB) | 8 x 58 W |
| Response brightness, adjustable | ~ 5 1000 lx |

Fluorescent bulbs control

| | |
|---------------------------------|-----------|
| Fluorescent lamps uncompensated | 1000 W |
| Energy-saving lamps | 10 x 20 W |
| - parallel compensated | 1000 W |

LED control

| | |
|----------------|-----------|
| 230V LED lamps | 20 x 20 W |
|----------------|-----------|

Incandescent bulbs control

| | |
|--------------------------------------------|-----------|
| 12 V halogen lamps | 1500 VA |
| 230 V incandescent lamps and halogen lamps | max. 2300 |

Installation, mounting

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

Connection

| | |
|-------------------------|-----------|
| Conductor cross-section | 1 2,5 mm² |
| Number of contacts | 1 |
| Type of contacts | NO |
| - with screw terminals | |

Settings

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|----------------------------------------------------------------------------------------------|--------------|
| Sensitivity setting | no |
| Time delayed range | 5s to 30 min |
| 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 |
| - not potential free | |

Safety

| | |
|---------------------|---------------|
| Protection class | isol.class II |
| Protection index IP | IP21 |

Use conditions

| | |
|-------------------------------|--------------|
| Operating temperature | -5 45 °C |
| Storage temperature | -20 to 60 °C |
| Storage/transport temperature | -25 70 °C |

Identification

| | |
|--------------------|------------------|
| Application, usage | Motion detector |
| Main design line | Motion detectors |