170106

IP41

### IR presence detectors Motion detectors,  polar white matt

Technical features

#### Functions

| | |
|---|---|
| Operating mode | operating modes: semiautomatic, automatic, teach-in, day, corridor, office, test mode |
| -   can only be used as individual unit | |

#### Compatibility

| | |
|---|---|
| -   on push-button (NO), extension units can be switched on and off by retriggering | |

#### Main electrical features

| | |
|---|---|
| Frequency | 50/60 Hz |

#### Power

| | |
|---|---|
| Power consumption (operation) | ≈ 2,4 VA |
| Conventional transformers | 1500 VA |
| Electronic transformers | 1500 W |

#### Reach distance

| | |
|---|---|
| Max. transmission range frontally | 7 m |
| Max. transmission range sideways | 3,5 m |

#### Detection

| | |
|---|---|
| Detection angle | 360 ° |
| Detection angle, settable | 360 ° |
| Detection field Ø, on floor | ≈ 7 m |
| Detection field Ø, at desk height | ≈ 5 m |

#### Materials

| | |
|---|---|
| Colour of design line | polar white |
| Colour | polarwhite |

#### Dimensions

| | |
|---|---|
| Dimensions (Ø x H) | 78 x 70 mm |
| Installation opening Ø | 60...63 mm |
| Recommended installation height | 2,5...3,5 m |
| Nominal mounting height | 2,5 m |
| Installation wall thickness | 10...28 mm |
| Diameter | 78 mm |
| Height | 79,2 mm |

#### Lighting control

| | |
|---|---|
| Response brightness, adjustable | ≈ 5...1000 lx |

#### Fluorescent bulbs control

| | |
|---|---|
| Compact fluorescent lamps | 23 VA |
| Fluorescent lamps parallel compensated | 1000 VA |

**LED control**

| | |
|---|---|
| LED | with red and green acknowledge/receive LED |

**Incandescent bulbs control**

| | |
|---|---|
| 230 V incandescent lamps and halogen lamps | 2300 W |

**Installation, mounting**

| | |
|---|---|
| Installation mode | with spring clips for ceiling installation |

**Connection**

| | |
|---|---|
| Conductor cross-section (flexible) | 0,5…1,5 mm² |
| Conductor cross-section (rigid) | 0,5…1,5 mm² |
| Connection terminals | according to IEC 60669-1 |

- with screw terminals

**Settings**

| | |
|---|---|
| Delay time, adjustable | ≈ 1 mn…1 h |

- with potentiometers for setting the response brightness and delay time without dismantling

**Standards**

| | |
|---|---|
| General standards | IEC 60669-2-1 |

**Use conditions**

| | |
|---|---|
| Operating temperature | -10…60 °C |

- energy saving by means of presence and brightness-dependent ON and OFF switching of light

**Identification**

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