



85341279

IR motion detector comfort 1.1 m, K.1, polar white glossy

Technical properties

Functions

| | |
|-------------------|---|
| Mode of operation | μ-processor controlled mode of operation |
| Function | Teach function for response brightness via button ; with keylock ; Party function for switching on for 2 hours ; with memory function for presence simulation |
| Operating mode | step operation with immunity time (e.g. for stair light/impact current circuits) |

Controls and indicators

| | |
|----------------------|----------------------------------|
| Button / push-button | with button for on/off/automatic |
|----------------------|----------------------------------|

Dimensions

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|-------------------------|-------|
| Assembling height | 34 mm |
| Nominal mounting height | 1.1 m |

Tripping

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|---------------|--------|
| immunity time | ≈ 10 s |
|---------------|--------|

Measurement

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|-------------------------------------|-------------|
| Detection field, rectangular shaped | ≈ 12 x 16 m |
|-------------------------------------|-------------|

Reach distance

| | |
|----------------|------------|
| Range, frontal | ≈ 12 m |
| Range, side | each ≈ 8 m |

Detection

| | |
|-----------------------------|-----------------------|
| Number of detection levels | 3 |
| Detection angle, settable | each side ≈ 45...90 ° |
| Detection field Ø, on floor | 0 m |

Materials

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

Lighting control

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

LED control

| | |
|-----|---|
| LED | with operation and status LED, red/green/orange ; LED application module/insert compatibility display |
|-----|---|

Settings

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|---------------------------------------|-----|
| Response value luminosity adjustable | Yes |
| Response value sensitivity adjustable | Yes |

| | |
|--|----------------|
| Response sensitivity, settable | 10...100 % |
| Short time mode | 200 ms |
| Delay time | ≈ 180 s |
| Delay time, adjustable | ≈ 10 s...30 mn |
| Switch-off pre-warning to dimming value 50% for | 30 s |

Safety

| | |
|---------------|-----------------------------|
| REACH conform | No |
| Halogen free | No |
| Protection | with dismantling protection |

Use conditions

| | |
|--|----------------------------------|
| Operating temperature | -5...45 °C |
| Energy-saving | low intrinsic energy requirement |
| Relative humidity (without condensation) | 0...65 % (without condensation) |

Identification

| | |
|--------------------------|---------------------------------|
| Application, usage | Light control ; Motion detector |
| Main design line | Berker K.1 |
| Secondary design line(s) | Motion detector ; Berker K.1 |

Instructions

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|------------------|--|
| Information text | Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the motion detector. Only suitable for indoor areas! |
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