



## IP55 Motion detector 140° white

EE820

### Architecture

Fixing mode	surface-mounting
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### Functions

Operation mode switch	no
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- can only be used as individual unit
- with 2 operating modes: time- and light-dependent switch on or pulse mode

### Main electrical features

Frequency	50/60 Hz
Rated operational voltage $U_e$	230 V

### Voltage

Operating voltage	230 V~
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### Electric current

Switching current (ohmic)	max. 10 A
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### Power

Max. power with fluo uncompensated lamps	290 W
Power consumption (standby)	1,2 W
Incandescent bulb power	1500 W

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

### Camera

- Lens setting horizontal  $\pm 80^\circ$
- Lens setting vertical 0 ...  $30^\circ$

#### Cover, door

- with cover elements to limit the detection field

#### Power supply

Supply voltage 230 V +10% / -15%

#### Detection

Frontal detecting distance 16 m  
Side detecting distance 8 m  
Detection angle 140 °  
Detection angle 140 °  
Detection field Ø, on floor ~ 16 m  
Diameter of the floor detection area 16 m

#### Materials

Colour white

#### Dimensions

Height of installed product 2,5 m  
Recommended installation height 2,5 m

#### Lighting control

Brightness measurement range 5/1000 Lux  
Fluorescent lamps with electronical ballast (EB) 580 W  
Response brightness, adjustable ~ 5 1000 lx

#### Fluorescent bulbs control

Energy-saving lamps 10 x 20 W  
Fluorescent lamps parallel compensated 290 W

#### LED control

- with LED detection and mode indicator

#### Incandescent bulbs control

12 V halogen lamps 1500 VA  
230 V incandescent lamps and halogen lamps 1500 W

#### Installation, mounting

Mounting type surface-mounted  
Maximum Mounting Height 4 m  
- for wall and ceiling mounting, corner installation with adapter

#### Connection

Connection type quick connect  
Type of contacts 1W + neutral  
- with plug-in terminals

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**Cable**

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- with cable entry

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**Settings**

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Time delayed range 5s, 15min

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Delay time, adjustable 5 s 15 mn

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

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**Scope of delivery**

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- with fitting material

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**Equipment**

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Switch-off delay self-learning no

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- horizontally rotatable

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**Safety**

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Protection index IP IP55

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**Use conditions**

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Operating temperature -20 55 °C

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Storage temperature -20 to 60 °C

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Storage/transport temperature -20 60 °C

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**Identification**

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Application, usage Motion detector

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Main design line Motion detectors

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