

MD-C 360i/32

Order description

MD-C 360i/32

Item number

EP10427749

GTIN

4015120427749



Product description

- Motion detector with 360° field of detection for ceiling mounting
- Large Range of up to 32 m in diameter at a recommended installation height of 3 m (maximum mounting height 5 m), suitable for a variety of uses
- 16 A high-performance relay (tungsten pre-contact)
- Default settings ensure immediate operability

Technical data

GENERAL	
Conformity	CE, RoHS, WEEE
Warranty	5 years
ATTACHMENT	
Installation type	Recessed mounting
Installation position	Ceiling
Installation dimension	Installation depth: 24 mm, Ø 60 mm
HOUSING	
Dimensions	Height/Depth 70 mm, Ø 108 mm
Weight	148 g
Material	UV-stabilised polycarbonate
Protection type	recessed-mounted IP20, IP20/IP54 with surface-mounted box (order separately), IP20 as recessed ceiling-mounted version (order installation set separately)
Permissible ambient temperature	-25 °C...+50 °C
Relative humidity	5 - 93 %, non-condensing
Colour	white, similar to RAL 9010
Connection	2,5 mm ² / 1,5 mm ²
ELECTRICAL VERSION	
Protection class	II
Nominal voltage	230 V / 50 Hz
Stand-by consumption	< 0.3 W
Power consumption	0,3 W
In-rush current	800 A / 200 µs

SENSORS	
Detection angle	360°
Detection range diagonally	Ø 32 m
Detection range head-on	Ø 11 m
Field of detection	up to 805 m ²
Recommended installation height	3 m
Max. mounting height	10 m
Light measurement	mixed light
Level of brightness	5 - 2000 lx
Number of light channels	1
Push button input lighting	1
Push button input HVAC	false
Slave input	No
Number of parallel switchable detectors	10
Fully automatic	yes
Semi-automatic	yes
Impulse feature	yes
constant lighting control	false
Switching delay from "dark to light" [s]	0 s
Switching delay from "light to dark" [s]	30 s
CONTROL	
Channel 1	Switching
Interface	Switching
Contact	make contact/non-floating
Switching capacity channel 1	230 V AC 50 Hz, 16 A relay, 2300 W/10 A (cos phi = 1), 1150 VA/5 A (cos phi = 0.5)

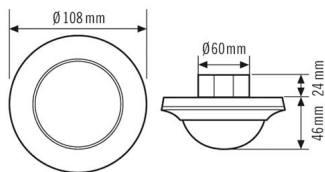
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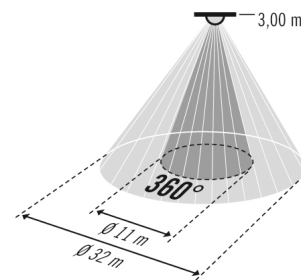
Switch-off delay time	impulse/approx. 1 minute – 30 minutes
Master/slave function	false
constant lighting control	false

Presence simulation	false
Manual override	yes

Scale drawing

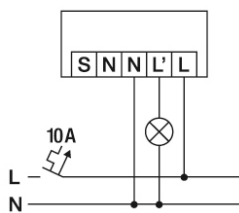


Field of detections



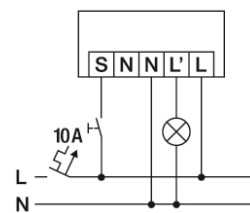
- Head-on to detector approx. Ø 11 m
- Passage area / diagonally to detector approx. Ø 32 m

Circuit diagram



Standard operation

Circuit diagram



Standard operation with additional control by means of a closing button. If required, the light can be manually switched on or off with the button.

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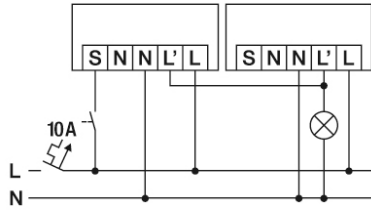
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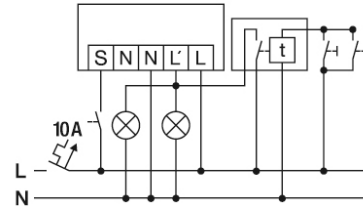
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Circuit diagram



A maximum of 10 devices can be connected in parallel.

Circuit diagram



Parallel connection with automatic stairwell light.