

PD-C 360i/8 mini DIM

Order description

PD-C360i/8 mini DIM

Item number

EP10426049

GTIN

4015120426049



Product description

- Mini presence detector with 360° field of detection for recessed ceiling mounting
- range of up to 8 m in diameter for use in small rooms, passageways, small offices and hallways with natural lighting
- Automatic light control to a constant brightness level, depending on presence and natural light (1 - 10 V DC interface)
- 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: 45 mm, Ø 25 mm
HOUSING	
Dimensions	Height/Depth 60 mm, Ø 33 mm
Weight	214 g
Material	UV-stabilised PE, UV-stabilised polycarbonate
Protection type	IP55
Permissible ambient temperature	-25 °C...+50 °C
Relative humidity	5 - 93 %, non-condensing
Colour	Opal matt
Connection	1.5 mm ²
ELECTRICAL VERSION	
Protection class	II
Nominal voltage	230 V / 50 Hz
Supply line	60 cm, 4 x 1.00 mm ² /2 x 0.5 mm ²
Power consumption	0,2 W
In-rush current	800 A / 200 µs
SENSORS	

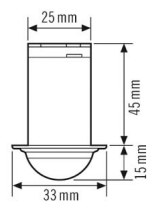
Detection angle	360°
Detection range diagonally	Ø 8 m
Detection range head-on	Ø 5 m
Detection range presence	Ø 3 m
Field of detection	up to 50 m ²
Recommended installation height	3 m
Max. mounting height	5 m
Light measurement	mixed light
Level of brightness	5 - 2000 lx
Number of light channels	1
Push button input lighting	1
Push button input HVAC	false
Slave input	yes
Max. number of slave detectors	10
Fully automatic	yes
Semi-automatic	yes
Impulse feature	yes
constant lighting control	true
Switching delay from "dark to light" [s]	300 s
Switching delay from "light to dark" [s]	30 s
CONTROL	
Channel 1	Lighting
Interface	Switching/Dimming
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)
Control output	1 - 10 V DC / 10 mA

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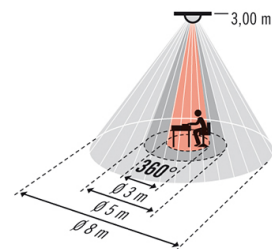
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Switch-off delay time	approx. 1 minute – 15 minutes	
Orientation light	10 % luminous efficiency	
Switch-off delay time, orientation light	approx. 1 min.-60 min.	
Control output	1 - 10 V DC / 10 mA	
Orientation light	10 % luminous efficiency	

Switch-off delay time, orientation light	approx. 1 min.-60 min.
Master/slave function	true
constant lighting control	true
Manual override	yes

Scale drawing

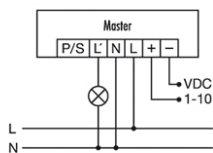


Field of detections



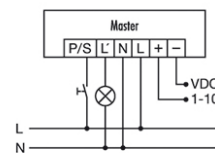
- Operating area approx. Ø 3 m
- Head-on to detector approx. Ø 5 m
- Passage area / diagonally to detector approx. Ø 8 m

Circuit diagram



Standard operation

Circuit diagram

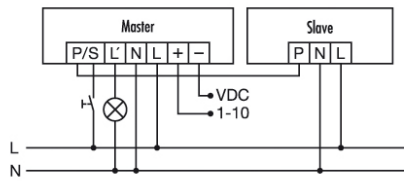


Standard operation with additional control by means of a closing button. If required, the light can be manually switched on or off with the button.

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Circuit diagram



Master/slave connection:
The master device controls connected systems according to the programmed settings.
The sole purpose of the slave devices is to register presence and transmit an impulse to the master device when movement is detected.
Caution: a maximum of 10 slave devices may be connected to one master device.