

## PD-C 360i/8 DIM

### Order description

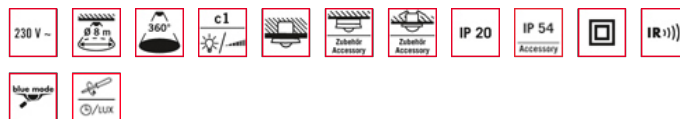
PD-C 360i/8 DIM white

### Item number

EP10426711

### GTIN

4015120426711



### Product description

- Presence detector with 360° field of detection for ceiling mounting
- Range of up to 8 m in diameter at a recommended installation height of 3 m (maximum mounting height 5 m)
- 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: 24 mm, Ø 60 mm
HOUSING	
Dimensions	Height/Depth 62 mm, Ø 108 mm
Weight	144 g
Material	UV-stabilised polycarbonate
Protection type	recessed-mounted IP20, IP54 with surface-mounted box (order separately), IP 20 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 <sup>2</sup> / 1,5 mm <sup>2</sup>
ELECTRICAL VERSION	
Protection class	II
Nominal voltage	230 V / 50 Hz
Power consumption	0,3 W
In-rush current	800 A / 200 µs

### SENSORS

Detection angle	360°
Detection range diagonally	Ø 8 m
Detection range head-on	Ø 6 m
Detection range presence	Ø 4 m
Field of detection	up to 50 m <sup>2</sup>
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)

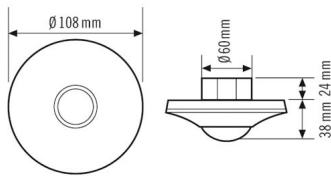
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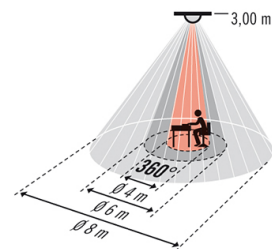
Control output	1 - 10 V DC / 50 mA
Switch-off delay time	approx. 1 minute – 30 minutes
Orientation light	10 % luminous efficiency
Switch-off delay time, orientation light	approx. 1 min.-60 min.
Control output	1 - 10 V DC / 50 mA

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

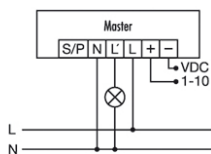


### Field of detections



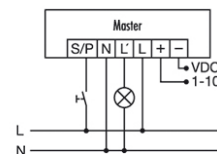
- Operating area approx.  $\varnothing$  4 m
- Head-on to detector approx.  $\varnothing$  6 m
- Passage area / diagonally to detector approx.  $\varnothing$  8 m

### 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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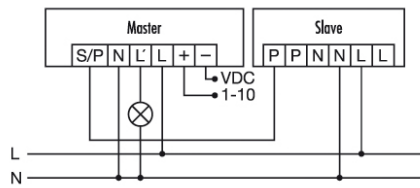
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### Circuit diagram

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#### 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.