

## DATA SHEET

### 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-year
MOUNTING	
Installation type	Recessed mounting
Mounting location	Ceiling
Installation dimension	Installation depth 45 mm, Ø 25 mm
HOUSING	
Dimensions	Height/Depth 15 mm, Ø 33 mm
Weight	214 g
Material	UV-stabilised PE, UV-stabilised polycarbonate
Protection type	IP 55
Permissible ambient temperature	-25 °C...+50 °C
Relative humidity	5 - 93 %, non-condensing
Colour	Opal matt
Terminal	1.5 mm <sup>2</sup>
ELECTRICAL VERSION	
Protection class	II
Nominal voltage	230 - 230 V / 50 Hz
SENSORS	
Power consumption	0,2 W
Detection angle	360°
Detection range diagonally	8 m
Detection range head-on	5 m

Detection range zone de présence	3 m
Field of detection	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
Number of switching contacts	0
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)
In-rush current	800 A / 200 µs
Control output	1 - 10 V DC / 10 mA
Switch-off delay channel 1	60 s - 30 min
Orientation light	10 % luminous efficiency
Switch-off delay time, orientation light	approx. 1 min.-60 min.

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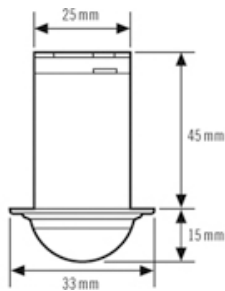
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Control output	1 - 10 V DC / 10 mA	
Orientation light	10 % luminous efficiency	
Switch-off delay time, orientation light	approx. 1 min. -60 min.	

Master/slave function	true
Constant lighting control	true
Manual override	yes

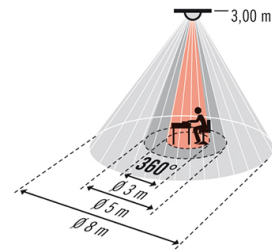
### Accessories

Product designation	Item number	GTIN
ESY-Pen	EP10425356	4015120425356
PD-C 360/8 mini Slave	EP10426063	4015120426063
Mobil-PDi/plus	EM10425530	4015120425530
Mobil-PDi/user	EM10425547	4015120425547
Mobil-PDi/MDi-universal	EP10433993	4015120433993
Spotlight adapter 51/25	EP10426391	4015120426391
SRM-230V relay module		4015120426346
RC filter/snubber	EP10426988	4015120426988
Mobil-PDi/MDi	EM10425509	4015120425509

### Scale drawing



### Field of detection

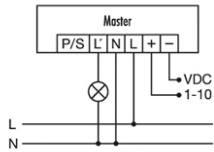


- Operating area approx.  $\varnothing$  3 m
- Head-on to detector approx.  $\varnothing$  5 m
- Passage area / diagonally to detector approx.  $\varnothing$  8 m

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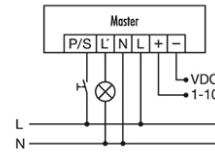
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### Circuit diagram



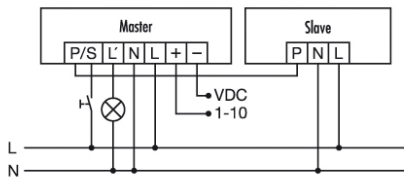
Standard operation

### 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.

### 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.

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