

DATA SHEET

Order description

PD-C360i/12 mini

Item number

EP10426032

GTIN

4015120426032



Product description

- Mini presence detector with 360° field of detection for recessed ceiling mounting
- range of up to 12 m in diameter for use in larger rooms, passageways, offices and hallways with natural lighting
- 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 25 mm, Ø 58 mm
Weight	205 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 ²
ELECTRICAL VERSION	
Protection class	II
Nominal voltage	230 - 230 V / 50 Hz
SENSORS	
Power consumption	0,2 W
Detection angle	360°
Detection range diagonally	12 m
Detection range head-on	6 m

Detection range zone de présence	4 m
Field of detection	113 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
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	false
Switching delay from "dark to light" [s]	300 s
Switching delay from "light to dark" [s]	30 s

CONTROL

Channel 1	Lighting
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)
In-rush current	800 A / 200 µs
Switch-off delay channel 1	60 s - 30 min
Master/slave function	true
Constant lighting control	false
Manual override	yes

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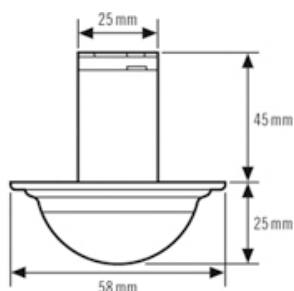
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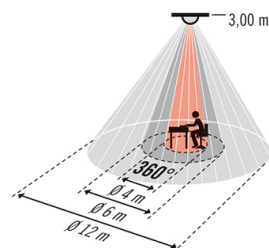
Accessories

Product designation	Item number	GTIN
ESY-Pen	EP10425356	4015120425356
Mobil-PDi/MDi	EM10425509	4015120425509
Mobil-PDi/MDi-universal	EP10433993	4015120433993
Spotlight adapter 51/25	EP10426391	4015120426391
SRM-230V relay module		4015120426346
ILR-230V current-limiting module	EP10426353	4015120426353
RC filter/snubber	EP10426988	4015120426988

Scale drawing

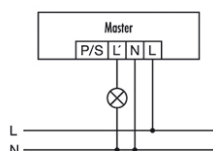


Field of detection

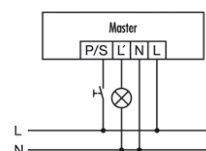


- Operating area approx. Ø 4 m
- Head-on to detector approx. Ø 6 m
- Passage area / diagonally to detector approx. Ø 12 m

Circuit diagram



Circuit diagram



Standard operation

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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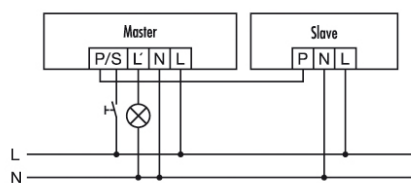
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Circuit diagram



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.

Energy Conservation Solutions Pty Ltd

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