

## DATA SHEET

### PD-C 360i/32

#### Order description

PD-C 360i/32

#### Item number

EP10427756

#### GTIN

4015120427756



#### Product description

- Presence detector with 360° field of detection for ceiling mounting
- Range of up to 32 m in diameter at a recommended installation height of 3 m for use in offices, classrooms and board rooms, for example, and passageways with natural lighting
- Ideal for use in areas with ceilings of up to 10 m, such as sports halls, warehouses etc.
- 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
Installation position	Ceiling
Installation dimension	Installation depth 24 mm, Ø 60 mm
HOUSING	
Dimensions	Height/Depth 46 mm, Ø 108 mm
Weight	129 g
Housing material	UV-stabilised polycarbonate
Protection type	recessed-mounted IP 20, IP 20/IP 54 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
Terminal	2,5 mm <sup>2</sup> / 1,5 mm <sup>2</sup>
ELECTRICAL VERSION	
Protection class	II
Nominal voltage	230 V / 50 Hz
Stand-by consumption	< 0.3 W
SENSORS	

Power consumption	0,3 W
Detection angle	360°
Detection range diagonally	32 m
Detection range head-on	11 m
Presence detection range	8 m
Field of detection	805 m <sup>2</sup>
Range adjustment	mechanically with included cut to size lens mask
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
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),

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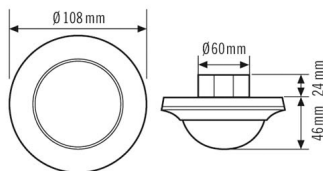
Order description	Item number	GTIN
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	1150 VA/5 A (cos phi = 0.5)	
In-rush current	800 A / 200 $\mu$ s	
Switch-off delay channel 1	60 s - 30 min	
Master/slave function	true	

constant lighting control	false
Presence simulation	false
Manual override	yes

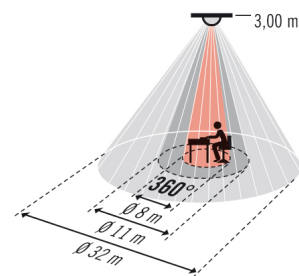
#### Accessories

Product designation	Item number	GTIN
PD-C 360/8 Slave	EP10055379	4015120055379
PD-C 360/24 Slave	EP10055386	4015120055386
PD-C 360i/32 Slave	EP10427770	4015120427770
ESY-Pen	EP10425356	4015120425356
Mobil-PDi/MDi	EM10425509	4015120425509
Mobil-PDi/user	EM10425547	4015120425547
Mobil-PDi/MDi-universal	EP10433993	4015120433993
Surface-mounted box-C IP 20	EP10425370	4015120425370
Surface-mounted box C IP 54	EP10425905	4015120425905
Cover set C360/24	EP10425431	4015120425431
Ceiling-mounted set-C	EP10425929	4015120425929
Basket guard 180/90	EM10425608	4015120425608
Basket guard 165/70	EM10425615	4015120425615

#### Scale drawing



#### Field of detection



- Operating area approx.  $\varnothing$  8 m
- Head-on to detector approx.  $\varnothing$  11 m
- Passage area / diagonally to detector approx.  $\varnothing$  32 m

#### Energy Conservation Solutions Pty Ltd

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