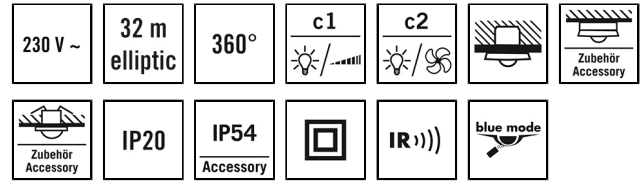


PD-C 360i/32 Warehouse DIM plus

Item number **GTIN**
 EP10425783 4015120425783



Technical data

GENERAL	
Device category	Ceiling-mounted presence detector
Product information	Please note the Declaration of circuit breaker in the download area of the product!
User interface	IR remote control
Remote controllable	✓
Conformity	CE, EAC, RoHS, WEEE
Warranty	5 years
ATTACHMENT	
Installation type	Recessed mounting / device box (Ø 68 mm)
Installation position	Ceiling
Installation dimension	Installation depth: 24 mm, Ø 60 mm
Type of connection	Push terminal
Connectable wire cross section	1,50 – 2,50 mm ²
HOUSING	
Dimensions	Height/Depth 70 mm, Ø 108 mm
Weight	153 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
ELECTRICAL VERSION	

Product description

- Presence detector with 360° field of detection for ceiling mounting.
- **range of up to 32 m**, elliptic detection range of 32 m in length and 4 m in width, at an installation height of 10 m (maximum installation height approximately 10 m)
- Automatic light control (channel 1) depending on presence and daylight (1 - 10 V = interface)
- Additional HVAC switch contact (channel 2) for switching an additional light source or controlling heating, ventilation and air conditioning depending on presence
- 16 A high-performance relay (tungsten pre-contact)
- Default settings ensure immediate operability

Offers special product features like:

- Presence and daylight dependent constant light control
- Simple parameterisation, remote control and documentation with ESY-Pen and ESY-App

Control system	1 - 10 V
Protection class	II
Nominal voltage	230 V AC / 50 Hz
In-rush current	800 A / 200 µs
Power consumption	0,3 W

SENSORS	
Detection angle	360°
Detection range diagonally	32 m elliptical
Detection range head-on	Ø 11 m
Field of detection	up to 402 m ²
Recommended installation height	10 m
Max. mounting height	10 m
Light measurement	mixed light
Level of brightness	5 – 2000 lx

CHANNELS (LIGHTING / HVAC)	
Number of light channels	1
Push button input lighting	1
Push button input HVAC	✓
Slave input	✓
Max. number of slave detectors	10
Mode	Semi-automatic, Fully automatic
Switching delay from "dark to light"	300 s
Switching delay from "light to dark"	30 s
Constant light control	✓
Channel	C1 Lighting
Function	Switching, Regulate, Dimming

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Switching capacity	230 V/50 Hz, 16 AX 2300 W/10 A (cos phi = 1) 1150 VA/5 A (cos phi = 0,5) 600 W LED	Time setting orientation light	60 s...60 min
Switch contact	make contact / non-floating	Channel	C2 HVAC
Push button input	✓	Function	Switching
Impulse feature	✓	Switching capacity	230 V AC/2 A, 24 V DC/2 A, Capacitive load/ electronic ballasts max. in-rush current 30 A/20 ms
Switch-off delay time	60 s...15 min (adjustable in steps)	Push button input	✓
Orientation light	10 % luminous efficiency	Impulse feature	✓
		Switch-off delay time	60 s...120 min (adjustable in steps)

Accessories

Product designation	GTIN
Ceiling-mounted presence detector	
PD-C 360/32 Slave WH	4015120425790
Cover	
COMPACT COVER SET 24/32 SR	4015120425431
COMPACT COVER SET 24/32 BK	4015120007491
Electrical accessories	
CURRENT LIMITING MODULE 230V	4015120426353
FILTER 230 V	4015120426988
Mounting	
COMPACT MOUNTING BOX IP20 SM WH	4015120425370
COMPACT MOUNTING BOX IP20 SM SR	4015120425387
COMPACT MOUNTING BOX IP54 SM WH	4015120425905
COMPACT MOUNTING BOX IP54 SM SR	4015120425912
MOUNTING SET IP20 FM 62 WH	4015120425929
COMPACT MOUNTING BOX IP54 SM BK	4015120426940
COMPACT MOUNTING BOX IP20 SM BK	4015120426933
Protection	
BASKET GUARD ROUND LARGE	4015120425608
Remote control	
ESY-Pen	4015120425356
REMOTE CONTROL PDi/plus	4015120425530
REMOTE CONTROL PDi/USER	4015120425547
Mobil-PDi/MDi-universal	4015120433993

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Scale drawing	Field of detections	Detection range	
		<p>■ Diagonally (A)</p>	<p>32 m elliptical</p>
		<p>■ Frontal (B)</p>	<p>Ø 11 m</p>

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.

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.