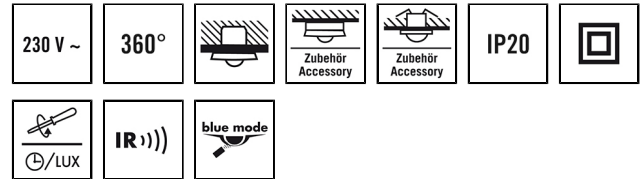


PD-C 360i/32 Corridor

Item number **GTIN**
 EP10428180 4015120428180



Technical data

GENERAL	
Device category	Ceiling-mounted presence detector
Product information	Please note the Explanation of circuit breaker in the download area of the product!
Included in delivery	Includes lens mask
User interface	Adjusting controller, IR remote control with "blue mode" technology
Remote controllable	✓
Conformity	CE, EAC, RoHS, WEEE
Warranty	5 years
ATTACHMENT	
Installation type	Flush-mounted/Device socket Ø 68 mm
Installation position	Ceiling
Installation dimension	Installation depth: 24 mm, Ø 60 mm
Type of connection	Push terminal
Connectable wire cross section	0.75 – 2.5 mm ²
HOUSING	
Dimensions	Height/Depth 70 mm, Ø 108 mm
Weight	144 g
Material	UV-stabilised polycarbonate
Protection type	IP20
Permissible ambient temperature	-25 °C...+50 °C
Relative humidity	5 – 93 %, non-condensing
Colour	white, similar to RAL 9010
ELECTRICAL VERSION	
Control system	ON/OFF
Protection class	II

Product description

- Presence detector with **360° field of detection** for ceiling mounting
- Large **Range of up to 32 m in corridors or passages** in diameter at a recommended installation height of 3 m (maximum mounting height 10 m), suitable for a variety of uses
- 16 A high-performance relay (tungsten pre-contact)
- Default settings ensure immediate operability

Offers special product features like:

- Simple parameterisation, remote control and documentation with ESY-Pen and ESY-App

Nominal voltage	230 V ~ / 50 Hz
In-rush current	800 A / 200 µs
Power consumption	0.3 W
Stand-by consumption	< 0.3 W

SENSORS	
Detection angle	360°
Detection range diagonally	32 m elliptical
Detection range head-on	Ø 16 m
Field of detection	up to 628 m ²
Recommended installation height	3 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
Constant light control	–
Channel	C1 Lighting
Function	Switching
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
Switch contact	make contact / non-floating

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Push button input	✓	Switch-off delay time	60 s...30 min (adjustable in steps)
Impulse mode	✓		

Factory settings

GENERAL		Operating mode	fully automatic
Sensitivity	100 %	Level of brightness/switching threshold	500 lx
CHANNELS (LIGHTING / HVAC)		Switch-off delay time	5 min
Channel	C1 Lighting		

Accessories

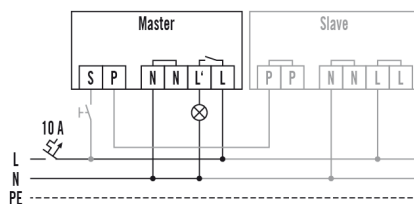
Product designation	Item number	Product description	GTIN
Ceiling-mounted presence detector			
PD-C 360/8 Slave	EP10055379	Slave presence detector for extending the field of detection of a Master presence detector	4015120055379
PD-C 360/24 Slave	EP10055386	Slave presence detector for extending the field of detection of a Master presence detector	4015120055386
PD-C 360/32 Slave	EP10427770	Slave presence detector for extending the field of detection of a Master presence detector	4015120427770
PD-C 360/32 Warehouse Slave	EP10425790	Slave presence detector for extending the field of detection of a Master presence detector	4015120425790
Cover			
COMPACT COVER SET 24/32 SR	EP10425431	Cover set for COMPACT series, 24 m/32 m, consists of cover and design ring, silver	4015120425431
COMPACT COVER SET 24/32 BK	EP00007491	Cover set for COMPACT series, 24 m/32 m, consists of cover and design ring, black	4015120007491
Electrical accessories			
FILTER 230 V	EP10426988	Filter for suppression of inductive loads, such as relays, contactors, fluorescent lamps and transformers	4015120426988
Mounting			
COMPACT MOUNTING BOX IP20 SM WH	EP10425370	Surface-mounted box for COMPACT series, IP20, white	4015120425370
COMPACT MOUNTING BOX IP20 SM SR	EP10425387	Surface-mounted box for COMPACT series, IP20, silver	4015120425387
COMPACT MOUNTING BOX IP54 SM WH	EP10425905	Surface-mounted box for COMPACT series, IP54, white	4015120425905
COMPACT MOUNTING BOX IP54 SM SR	EP10425912	Surface-mounted box for COMPACT series, IP54, silver	4015120425912
MOUNTING SET IP20 FM 62 WH	EP10425929	Recessed ceiling mounting set includes installation bracket and dust-protected box, 62 mm	4015120425929
COMPACT MOUNTING BOX IP54 SM BK	EP10426940	Surface-mounted box for COMPACT series, IP54, black	4015120426940
COMPACT MOUNTING BOX IP20 SM BK	EP10426933	Surface-mounted box for COMPACT series, IP20, black	4015120426933
Protection			
BASKET GUARD ROUND LARGE	EM10425608	Basket guard for presence and motion detectors and smoke detectors, Ø 180 mm, height 90 mm	4015120425608
Remote control			
ESY-Pen	EP10425356	ESY-Pen and ESY-App, two tools for every task: (1) Parameterisation, (2) remote control, (3) light measurement, (4) project management	4015120425356
REMOTE CONTROL MDi/PDi	EM10425509	IR remote control for presence detectors and motion detectors	4015120425509

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Dimension drawing	Field of detections	Detection range	
		<p>■ Diagonally (A)</p>	<p>32 m elliptical</p>
		<p>■ Frontal (B)</p>	<p>Ø 16 m</p>

Circuit diagram



Standard operation with optional control via a closing button and use of max. ten slave devices to one master device.

Detailed product description

- Presence detector with **360° field of detection** for ceiling mounting
- Large **Range of up to 32 m in corridors or passages** in diameter at a recommended installation height of 3 m, suitable for a variety of uses
- 16 A high-performance relay (tungsten pre-contact), ideal for switching capacitive loads such as electronic ballasts, parallel-compensated fluorescent lamps, compact fluorescent lamps, energy saving lamps
- Automatic light control depending on presence and natural light
- Simple programming using remote control with "blue mode" technology or setting elements (potentiometer)
- Integrated toggle for setting with remote control or by adjusting controller - prevents operating errors and provides sabotage protection
- Default settings ensure immediate operability
- Masking of interference sources by reducing sensitivity using DIP switches
- Push button input with toggle function - Room = ON + OFF/hallway = ON
- Flush-mounted device as standard
- Surface mounting or recessed ceiling mounting with accessories
- Large wiring space due to shallow installation depth of power box
- Quick and simple connection with plug-in terminals
- Extension of the field of detection with parallel connection of max. 8 detectors
- Targeted masking out of areas by means of an enclosed lens mask