

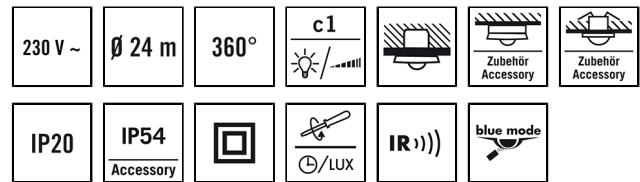
PD-C 360i/24 DIM

Item number **GTIN**
 EP10426704 4015120426704



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	Adjusting controller, 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	40 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 24 m** in diameter at a recommended installation height of 3 m (maximum mounting height 5 m)
 - 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
- 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	Ø 24 m
Detection range head-on	Ø 11 m
Detection range presence	Ø 8 m
Field of detection	up to 453 m ²
Recommended installation height	3 m
Max. mounting height	5 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	Impulse feature	✓
Switch contact	make contact / non-floating	Switch-off delay time	60 s...30 min (adjustable in steps)
Push button input	✓	Orientation light	10 % luminous efficiency
		Time setting orientation light	60 s...60 min

Accessories

Product designation	GTIN
Ceiling-mounted presence detector	
PD-C 360/8 Slave	4015120055379
PD-C 360/24 Slave	4015120055386
PD-C 360/32 Slave	4015120427770
Cover	
COMPACT COVER SET 24/32 SR	4015120425431
COMPACT COVER SET 24/32 BK	4015120007491
Electrical accessories	
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 SMALL	4015120425615
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	
		<input type="checkbox"/> Diagonally (A)	Ø 24 m
		<input type="checkbox"/> Frontal (B)	Ø 11 m
		<input type="checkbox"/> Presence area (C)	Ø 8 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.

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.