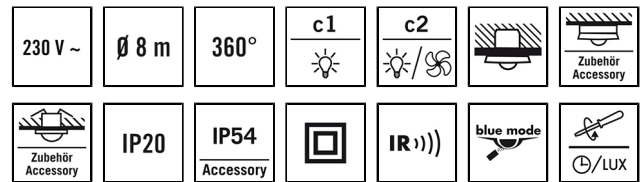


DATA SHEET

PD-C 360i/8plus

Item number **GTIN**
 EP10425042 4015120425042



Product description

- Presence detector with **360° field of detection** for ceiling mounting
- **Range of up to 8 m** in diameter at a recommended installation height of 3 m (maximum height 5 m) for use in small rooms and passageways with natural lighting
- Additional floating HVAC switch contact (channel 2) for controlling heating, ventilation and air conditioning depending on presence
- 16 A high-performance relay (tungsten pre-contact)
- Default settings ensure immediate operability

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, RoHS, WEEE
Warranty	5 years
ATTACHMENT	
Installation type	Recessed mounting
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 62 mm, Ø 108 mm
Weight	261 g
Material	UV-stabilised polycarbonate
Protection type	recessed-mounted IP20, IP20/IP54 with surface-mounted box (order separately), IP20 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	

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

SENSORS	
Detection angle	360°
Detection range diagonally	Ø 8 m
Detection range head-on	Ø 6 m
Detection range presence	Ø 4 m
Field of detection	up to 50 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
Number of HLK-channels	1
Push button input lighting	1
Push button input HVAC	–
Slave input	✓
Max. number of slave detectors	10
Mode	Semi-automatic, Fully automatic
Konstantlichtregelung	–
Channel	C1 Lighting
Function	Switching

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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
Switch contact	make contact / non-floating
Push button input	✓
Impulse feature	✓
Switch-off delay time	60 s...30 min (adjustable in steps)
Channel	C2 HVAC

Function	Switching
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 contact	make contact / floating
Push button input	–
Impulse feature	✓
Switch-off delay time	300 s...120 min (adjustable in steps)

Accessories

Product designation	Item number	GTIN
PD-C 360/8 Slave	EP10055379	4015120055379
PD-C 360/24 Slave	EP10055386	4015120055386
PD-C 360/32 Slave	EP10427770	4015120427770
ESY-Pen	EP10425356	4015120425356
REMOTE CONTROL MDi/PDi	EM10425509	4015120425509
Mobil-PDi/MDi-universal	EP10433993	4015120433993
COMPACT MOUNTING BOX IP20 SM WH	EP10425370	4015120425370
COMPACT MOUNTING BOX IP20 SM SR	EP10425387	4015120425387
COMPACT MOUNTING BOX IP54 SM WH	EP10425905	4015120425905
COMPACT MOUNTING BOX IP54 SM SR	EP10425912	4015120425912
COMPACT COVER SET 8 SR	EP10425936	4015120425936
MOUNTING SET IP20 FM 62 WH	EP10425929	4015120425929
BASKET GUARD ROUND SMALL	EM10425615	4015120425615
BASKET GUARD ROUND LARGE	EM10425608	4015120425608
FILTER 230 V	EP10426988	4015120426988
COMPACT MOUNTING BOX IP54 SM BK	EP10426940	4015120426940
COMPACT MOUNTING BOX IP20 SM BK	EP10426933	4015120426933
COMPACT COVER SET 8 BK	EP00007521	4015120007521

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Scale drawing	Field of detections	Detection range	
		<p>■ Diagonally (A) Ø 8 m</p>	
		<p>■ Frontal (B) Ø 6 m</p>	
		<p>■ Presence area (C) Ø 4 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.