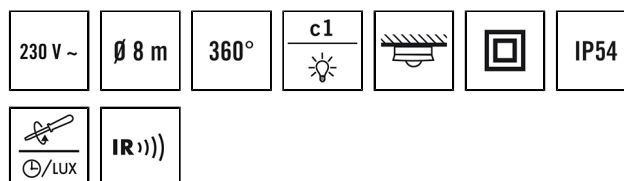


## PD 360i/8 BASIC IP54

**Item number** EB10431272  
**GTIN** 4015120431272



### Product description

- Ceiling-mounted presence detector with 360° field of detection
- Automatic light control depending on presence and daylight
- Range of up to 8 m in diameter at a recommended installation height of 3 m
- Protection type: IP54
- 10 A high-performance relay
- Protective zero-cross switching: extension of the lifetime of the relay and illuminants using electronic ballasts (e.g. fluorescent lamps, LEDs)
- Factory settings for immediate operational readiness
- Additional switch input
- Remote controllable
- Sensing range upgrade through parallel connection

### Offers special product features like:

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

### 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!
User interface	Adjusting controller, IR remote control
Remote controllable	✓
Conformity	CE, EAC, RoHS, WEEE
Product-specific information	Lens mask and spacer not included in delivery
Warranty	5 years
ATTACHMENT	
Installation type	Surface mounted (plaster)
Installation position	Ceiling
Type of connection	Screwed terminal
Connectable wire cross section	0.75 – 2.5 mm <sup>2</sup>
HOUSING	
Dimensions	Height/Depth 51 mm, Ø 102 mm
Weight	120 g
Material	UV-stabilised polycarbonate
Protection type	IP54
Permissible ambient temperature	0 °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 ~ / 60 Hz
In-rush current	78 A / 5 ms
Power consumption	0.2 W

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 <sup>2</sup>
Range adjustment	mechanically using a lens mask that can be cut to size (available as an accessory)
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	–
Number of parallel switchable detectors	8
Slave input	–
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

## PD 360i/8 BASIC IP54

Item number	GTIN
EB10431272	4015120431272

Function	Switching	Switch contact	make contact / non-floating
Switching capacity	230 V/50 Hz 2300 W/10 A (cos phi = 1) 1150 VA/5 A (cos phi = 0,5) 600 W LED	Push button input	✓
		Impulse mode	✓
		Switch-off delay time	15 s...30 min (adjustable in steps)

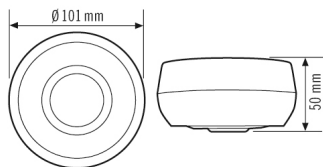
### Factory settings

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

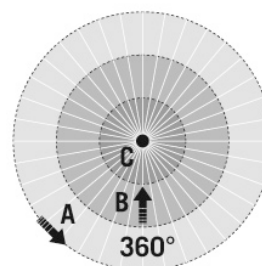
### Accessories

Product designation	Item number	Product description	GTIN
<b>Cover</b>			
BASIC IP54 8 LENS MASK	EB10423512	Lens mask 8 m IP54	4015120423512
<b>Protection</b>			
BASKET GUARD ROUND LARGE	EM10425608	Basket guard for presence and motion detectors and smoke detectors, Ø 180 mm, height 90 mm	4015120425608
<b>Remote control</b>			
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

### Dimension drawing



### Field of detections



### Detection range

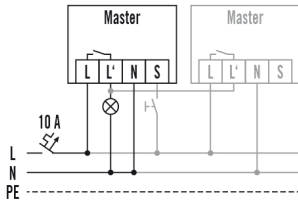
Diagonally (A)	Ø 8 m
Frontal (B)	Ø 6 m
Presence area (C)	Ø 4 m

## PD 360i/8 BASIC IP54

**Item number**      **GTIN**  
EB10431272      4015120431272

### Circuit diagram

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*Standard operation with optional control via a closing button and parallel wiring of max. 8 devices*

### Detailed product description

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