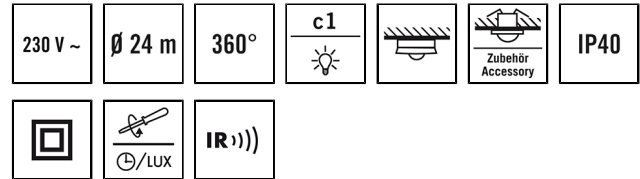


PD 360i/24 BASIC SMB

Item number EB10430916
GTIN 4015120430916



Product description

- Presence detector with **360° field of detection** For ceiling mounting
- **Range of up to 24 m** in the diameter at a recommended installation height of 3 m
- 10 A high-performance relay
- Zero-cross switching for gentle switching
- Remote controllable
- Factory setting for immediate operational readiness

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 mounting
Installation position	Ceiling
Type of connection	Push terminal
Connectable wire cross section	1.50 – 1.50 mm ²
HOUSING	
Dimensions	Height/Depth 73 mm, Ø 101 mm
Weight	131 g
Material	UV-stabilised polycarbonate
Protection type	IP40
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 – 230 V ~ / 50 – 50 Hz

In-rush current	78 A / 5 ms
Power consumption	0.2 W

SENSORS

Detection angle	360°
Detection range diagonally	Ø 24 m
Detection range head-on	Ø 8 m
Detection range presence	Ø 6 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	–
Number of parallel switchable detectors	8
Slave input	–
Mode	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
Switching capacity	230 V/50 Hz 2300 W/10 A (cos phi = 1) 1150 VA/5 A (cos phi = 0,5) 600 W LED

DATA SHEET

PD 360i/24 BASIC SMB

Item number	GTIN
EB10430916	4015120430916

Switch contact	make contact / non-floating	Impulse mode	✓
Push button input	✓	Switch-off delay time	15 s...30 min (adjustable in steps)

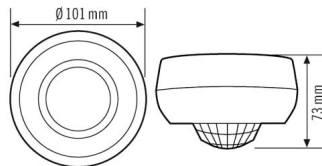
Factory settings

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

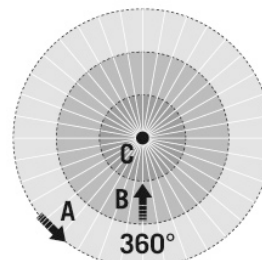
Accessories

Product designation	Item number	Product description	GTIN
Cover			
BASIC 24 LENS MASK	EB10423109	Spare part Lens mask 24/32 m	4015120423109
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

Dimension drawing



Field of detections



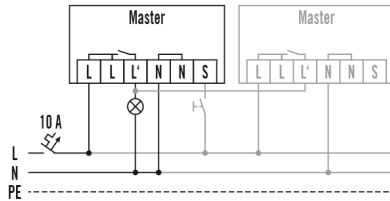
Detection range

Diagonally (A)	Ø 24 m
Frontal (B)	Ø 8 m
Presence area (C)	Ø 6 m

PD 360i/24 BASIC SMB

Item number **GTIN**
EB10430916 4015120430916

Circuit diagram



Standard with optional control via a closing button and parallel wiring of max. six devices.

Detailed product description

- Presence detector with **360° field of detection** For ceiling mounting
- **Range of up to 24 m** in the diameter at a recommended installation height of 3 m
- 10 A high-performance relay
- Zero-cross switching: Extension of the service life of the relay and bulbs with electronic ballasts (e.g. fluorescent lamps, LED) thanks to more gentle switching in zero-cross switching.
- Factory setting for immediate operational readiness
- Automatic light control depending on presence and daylight
- Additional switch input
- Remote controllable
- Standard version as surface-mounted device, with special surface-mounted box for additional cabling space
- Sensing range upgrade through parallel connection