

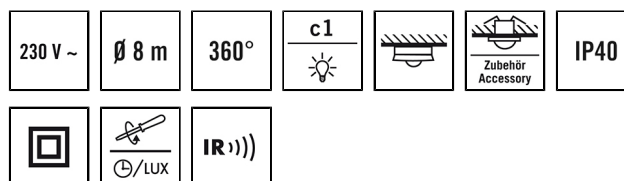
## MD 360i/8 BASIC

**Item number**      **GTIN**  
 EB10430428      4015120430428



### Technical data

GENERAL	
Device category	Ceiling-mounted motion 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 – 2.50 mm <sup>2</sup>
HOUSING	
Dimensions	Height/Depth 33 mm, Ø 101 mm
Weight	101 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



### Product description

- Motion detector with **360° field of detection** For ceiling mounting
- **Range of up to 8 m** across at a recommended installation height of 3 m for use in small rooms and passageways with very little or no natural lighting
- 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

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
Field of detection	up to 50 m <sup>2</sup>
Recommended installation height	3 m
Max. mounting height	5 m
Light measurement	mixed light
Level of brightness	5 – 1000 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 "light to dark"	30 s
Constant light control	–
Channel	<b>C1</b> 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
Switch contact	make contact / non-floating
Push button input	✓

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Impulse mode	✓	Switch-off delay time	15 s...30 min (adjustable in steps)
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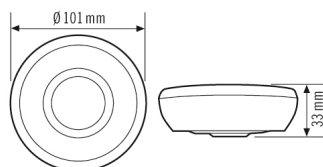
### Factory settings

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

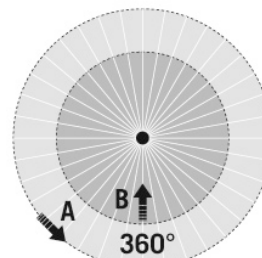
### Accessories

Product designation	Item number	Product description	GTIN
<b>Cover</b>			
BASIC 8 LENS MASK	EB10423093	Spare part Lens mask 8 m	4015120423093
<b>Mounting</b>			
MOUNTING SET IP20 FM 62 WH	EP10425929	Recessed ceiling mounting set includes installation bracket and dust-protected box, 62 mm	4015120425929
BASIC SPACER WH	EB10423130	Spacer for BASIC series, white, compatible with BASIC IP40 variants	4015120423130
<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

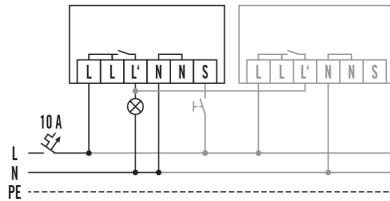
Diagonally (A)	Ø 8 m
Frontal (B)	Ø 6 m

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### Circuit diagram

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

### Detailed product description

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- Motion detector with **360° field of detection** For ceiling mounting
- **Range of up to 8 macross** at a recommended installation height of 3 m for use in small rooms and passageways with very little or no natural lighting
- 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 lighting control
- Additional switch input
- Remote controllable
- Surface-mounted device as standard
- Sensing range upgrade through parallel connection