

DATA SHEET

ESYLUX

MD 360/8 BASIC

Item number

EB10430404

GTIN

4015120430404



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
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 ²
HOUSING	
Dimensions	Height/Depth 33 mm, Ø 101 mm
Weight	85.5 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 V ~ / 50 Hz

230 V ~	Ø 8 m	360°	c1			Zubehör Accessory	IP40

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
- Factory setting for immediate operational readiness

Offers special product features like:

- Zero-cross switching

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 ²
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	Fully automatic
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
Switch contact	make contact / non-floating
Push button input	✓

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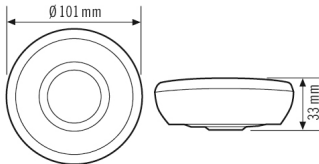
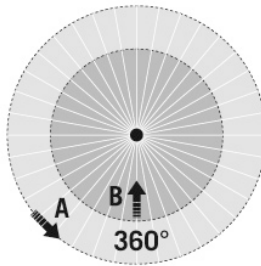
Impulse mode	✓	Switch-off delay time	15 s...30 min (adjustable in steps)
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Factory settings

Channel	C1 Lighting	Level of brightness/switching threshold	100 lx
Operating mode	fully automatic	Switch-off delay time	5 min

Accessories

Product designation	Item number	Product description	GTIN
Cover			
BASIC 8 LENS MASK	EB10423093	Spare part Lens mask 8 m	4015120423093
Mounting			
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
Protection			
BASKET GUARD ROUND LARGE	EM10425608	Basket guard for presence and motion detectors and smoke detectors, Ø 180 mm, height 90 mm	4015120425608

Dimension drawing	Field of detections	Detection range	
		Diagonally (A)	Ø 8 m
		Frontal (B)	Ø 6 m

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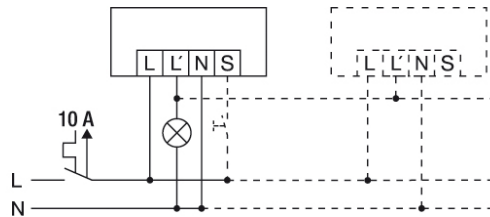
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Circuit diagram



Standard operation

Detailed 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: 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
- Standard version as surface-mounted device, recessed ceiling mounting possible with accessories
- Sensing range upgrade through parallel connection