

## MD 360/24 BASIC FM

**Item number** EB10431715  
**GTIN** 4015120431715



### Product description

- Motion detector with **360° field of detection** For ceiling mounting
- **Range of up to 24 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 such as:

- Zero-cross switching

### 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! Mounting position: Keep a safe distance of 5 m from radio antennas (e.g. WiFi access points).
User interface	Adjusting controller
Remote controllable	-
Conformity	CE, EAC, RoHS, SundaHus, WEEE
Warranty	5 years
ATTACHMENT	
Installation type	Recessed mounting
Installation position	Ceiling
Installation dimension	Installation depth: 90 mm, Ø 68 mm
Type of connection	Push terminal
Connectable wire cross section	1,5 - 2,5 mm <sup>2</sup>
HOUSING	
Dimensions	Height/Depth 113 mm, Ø 101 mm
Weight	128 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 AC / 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
Field of detection	up to 453 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	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

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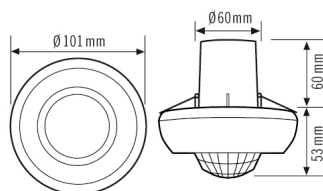
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Push button input	✓	Switch-off delay time	15 s...30 min (adjustable in steps)
Impulse mode	✓		

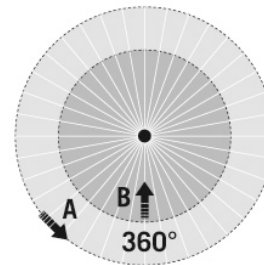
### Accessories

Product designation	Item number	Product description	GTIN
<b>Cover</b>			
BASIC 24 LENS MASK	EB10423109	Lens mask 24 m	4015120423109
<b>Electrical accessories</b>			
FILTER 230 V	EP10426988	Filter for suppression of inductive loads, such as relays, contactors, fluorescent lamps and transformers	4015120426988
<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

### Dimension drawing



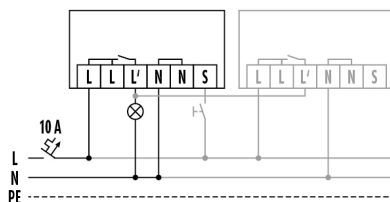
### Field of detections



### Detection range

Diagonally (A)	Ø 24 m
Frontal (B)	Ø 8 m

### Circuit diagram



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

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### Detailed product description

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- **Range of up to 24 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