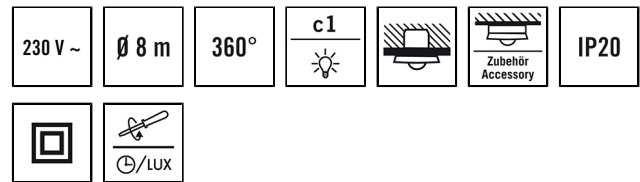


MD 360/8

Item number **GTIN**
EM10055324 4015120055324



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, SundaHus, WEEE
Warranty	3 years
ATTACHMENT	
Installation type	Flush-mounted/Device socket Ø 68 mm
Installation position	Ceiling
Installation dimension	Installation depth: 15 mm, Ø 60 mm
Type of connection	Push terminal
Connectable wire cross section	0.75 – 2.5 mm ²
HOUSING	
Dimensions	Height/Depth 63 mm, Ø 140 mm
Weight	242 g
Material	UV-stabilised polycarbonate
Protection type	IP20
Protection type with accessory	IP54 with surface-mounted box (order separately)
Permissible ambient temperature	0 °C...+55 °C
Relative humidity	5 – 93 %, non-condensing
Colour	white, similar to RAL 9010
ELECTRICAL VERSION	
Control system	ON/OFF
Protection class	II

Product description

- Motion detector with **360° field of detection** for ceiling mounting
- **Range of up to 8 m** in diameter for use in small rooms, passageways, toilets, carports

Nominal voltage	230 V ~ / 50 Hz
In-rush current	100 A / 200 ms
Power consumption	1 W

SENSORS

Detection angle	360°
Detection range diagonally	Ø 8 m
Detection range head-on	Ø 4 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 – 2000 lx

CHANNELS (LIGHTING / HVAC)

Number of light channels	1
Push button input HVAC	–
Number of parallel switchable detectors	8
Slave input	–
Mode	Semi-automatic, Fully automatic
Switching delay from "dark to light"	0 s
Switching delay from "light to dark"	0 s
Constant light control	–
Channel	C1 Lighting
Function	Switching
Switching capacity	230 V/50 Hz 1000 W/5 A (cos phi = 1) 500 VA/2,5 A (cos phi = 0,5) 250 W LED
Switch contact	make contact / non-floating

DATA SHEET

MD 360/8

Item number	GTIN
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Push button input	–
Impulse mode	✓

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

GENERAL	
Sensitivity	100 %

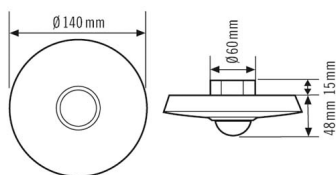
CHANNELS (LIGHTING / HVAC)	
Channel	C1 Lighting

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

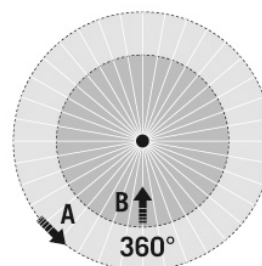
Accessories

Product designation	Item number	Product description	GTIN
Accessories			
SRM-230V relay module	EP10426346		4015120426346
Cover			
STANDARD COVER SET 8M WH	EM10425455	Cover set for STANDARD series, 8 m	4015120425455
Electrical accessories			
ILR-230V current-limiting module	EP10426353	Current-limiting module for protecting the relay contact of a presence and motion detector	4015120426353
FILTER 230 V	EP10426988	Filter for suppression of inductive loads, such as relays, contactors, fluorescent lamps and transformers	4015120426988
Mounting			
STANDARD MOUNTING BOX IP54 SM WH	EM10425400	Surface-mounted box for the STANDARD series, IP54, white	4015120425400
Protection			
BASKET GUARD ROUND SMALL	EM10425615	Basket guard for presence and motion detectors and smoke detectors, Ø 165 mm, height 70 mm	4015120425615
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



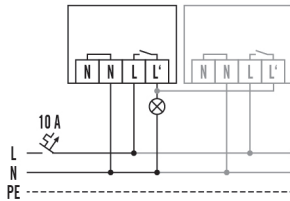
Detection range

Diagonally (A)	Ø 8 m
Frontal (B)	Ø 4 m

MD 360/8

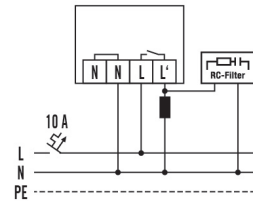
Item number **GTIN**
 EM10055324 4015120055324

Circuit diagram



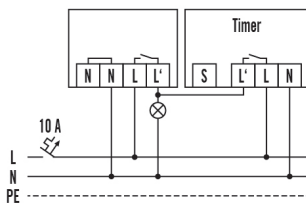
Standard operation with optional parallel wiring of max. six devices.

Circuit diagram



When connecting inductors (e.g. relays, contactors, ballasts) the use of a filter (A) may be necessary.

Circuit diagram



Standard operation with automatic stairwell light.

Detailed product description

- Motion detector with **360° field of detection** for demand-responsive lighting control and therefore noticeable energy cost reductions
- **range of up to 8 m** in diameter for use in small rooms, passageways, toilets, carports
- Flush-mounted device as standard
- Customer-specific detector adjustment through easy lacquering of the cover and design ring (cover set in silver available as accessory)
- Universal surface-mounted box IP 54 with double diaphragm line entrance (accessory)
- Double plug-in terminals for through-wiring allow quick and easy connection
- Modular system comprising power box and plug-in sensor facilitates convenient installation during the "shell construction phase"
- Power box installation/connection - after completion of the painting work the sensor can be simply plugged in
- Large wiring space due to low overall height of the power box
- Install - connect - done
- Light value and time setting are infinitely variable
- Concealed setting elements prevent unintentional parameter adjustments
- In-built impulse feature for controlling automatic stairwell lights or control devices, and for use in facility management/PLC