

## MD 360i/24

### Order description

MD 360i/24 white

### Item number

EM10055300

### GTIN

4015120055300



### Product description

- Motion detector with 360° field of detection for ceiling mounting
- Large range of up to 24 m in diameter for a wide variety of applications
- 16 A high-performance relay (tungsten pre-contact)
- Default settings ensure immediate operability

### Technical data

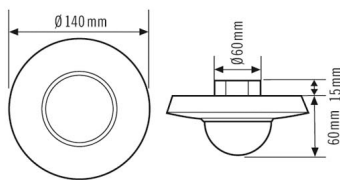
GENERAL	
Conformity	CE, RoHS, SundaHus, WEEE
Warranty	3-year
ATTACHMENT	
Installation type	Recessed mounting
Installation position	Ceiling
Installation dimension	Installation depth: 15 mm, Ø 60 mm
HOUSING	
Dimensions	Height/Depth 60 mm, Ø 140 mm
Weight	370 g
Material	UV-stabilised polycarbonate
Protection type	recessed-mounted IP20, 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
Connection	2,5 mm <sup>2</sup> / 1,5 mm <sup>2</sup>
ELECTRICAL VERSION	
Protection class	II
Nominal voltage	230 V / 50 Hz
Power consumption	1 W
In-rush current	450 A / 20 µs
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	10 m
Light measurement	mixed light
Level of brightness	5 - 2000 lx
Number of light channels	1
Push button input lighting	1
Push button input HVAC	false
Slave input	No
Number of parallel switchable detectors	6
Fully automatic	yes
Semi-automatic	yes
Impulse feature	yes
constant lighting control	false
Switching delay from "dark to light" [s]	0 s
Switching delay from "light to dark" [s]	0 s
CONTROL	
Channel 1	Lighting
Interface	Switching
Contact	make contact/non-floating
Switching capacity channel 1	230 V AC 50 Hz, 16 A relay, 2300 W/10 A (cos phi = 1), 1150 VA/5 A (cos phi = 0.5)
Switch-off delay time	impulse/approx. 15 sec. to 30 min.
Master/slave function	false
constant lighting control	false

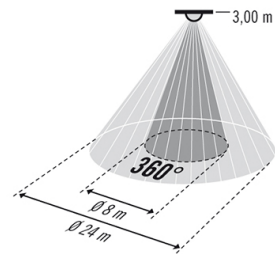
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Order description	Item number	GTIN
MD 360i/24 white	EM10055300	4015120055300
Manual override	yes	

### Scale drawing

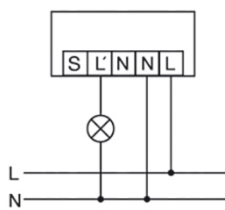


### Field of detections



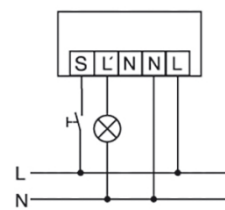
- Head-on to detector approx.  $\varnothing$  8 m
- Passage area / diagonally to detector approx.  $\varnothing$  24 m

### Circuit diagram



Standard operation

### Circuit diagram

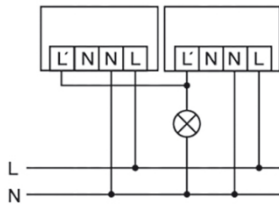


Standard operation with additional control by means of a closing button. If required, the light can be manually switched on or off with the button.

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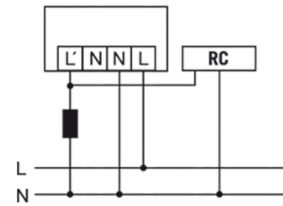
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MD 360i/24 white	EM10055300	4015120055300

### Circuit diagram



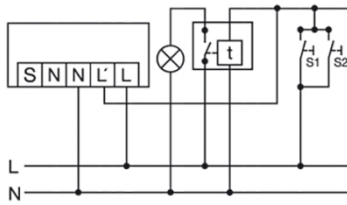
Parallel connection of max. 6 devices.

### Circuit diagram



An RC filter may be required when connecting inductors (e.g. relays, contactors, ballasts).

### Circuit diagram



Parallel connection with automatic stairwell light.