

MD 180i/R

Order description

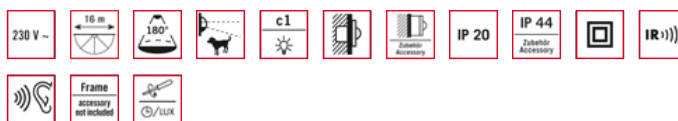
MD 180i/R

Item number

EM10055010

GTIN

4015120055010



Product description

- Wall-mounted motion detector with 180° field of detection
- In-built acoustic sensor for optimum use in complex and angular rooms with no or little natural lighting
- 16 A high-performance relay (tungsten pre-contact)

Technical data

GENERAL	
Special product features	Acoustic sensor
Conformity	CE, RoHS, WEEE
Warranty	3-year
ATTACHMENT	
Installation type	Recessed mounting
Installation position	Wall
Installation dimension	Installation depth: 34 mm, Ø 60 mm
HOUSING	
Dimensions	length 70 mm x width 70 mm x Height/Depth 29 mm
Weight	91 g
Material	UV-stabilised polycarbonate
Protection type	IP20, IP44 depending on cover (order separately)
Permissible ambient temperature	0 °C...+50 °C
Relative humidity	5 - 93 %, non-condensing
Colour	Opal matt
Connection	2,5 mm ² / 1,5 mm ²
ELECTRICAL VERSION	
Protection class	II
Nominal voltage	230 V / 50 Hz
Power consumption	0,9 W
In-rush current	800 A / 200 µs
SENSORS	

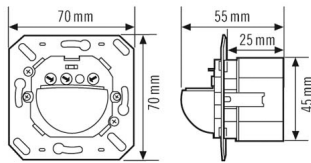
Detection angle	180° horizontal, 60° vertical
Detection range diagonally	Ø 16 m
Detection range head-on	Ø 3 m
Field of detection	up to 101 m ²
Recommended installation height	1,1 m
Max. mounting height	2,2 m
Light measurement	mixed light
Level of brightness	5 - 2000 lx
Number of light channels	1
Push button input lighting	1
Push button input HVAC	false
Slave input	yes
Max. number of slave 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. 12 sec. - 60 min.
Master/slave function	false

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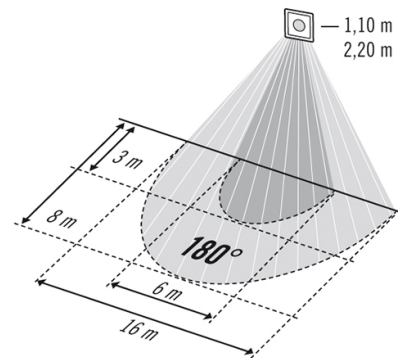
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constant lighting control	false	Manual override	yes
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Scale drawing

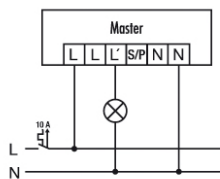


Field of detections



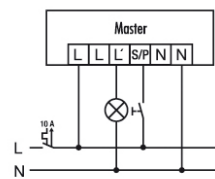
- ☼ Head-on to detector
- Passage area/diagonally to detector

Circuit diagram



Standard operation

Circuit diagram

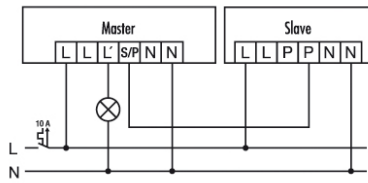


Standard operation with additional control by means of a closing button. If required, the light can be manually switched on or off with the button.

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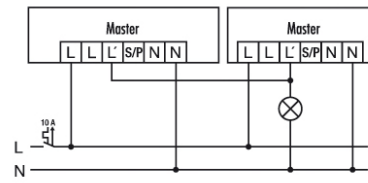
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Circuit diagram



Master-slave switching (a maximum of 6 slave devices may be connected to one master).

Circuit diagram



A maximum of 6 devices can be connected in parallel.