

MD 180i/R

Order description

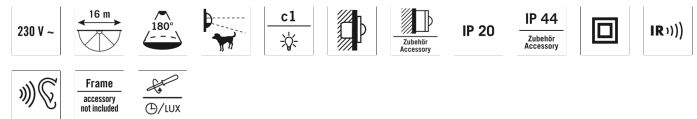
MD 180i/R

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)

Installation type	Recessed mounting
Mounting location	Wall
Protection type	IP 20, IP 44 depending on cover (order separately)
Field of detection	180° horizontal, 60° vertical
Conformity	CE, RoHS, WEEE
Range	16 m
Dimensions	Length 70 mm x Width 70 mm x Height/Depth 29 mm
Power consumption	0,9 W
Light measurement	mixed light
Level of brightness	approx. 5 - 2,000 lux
Installation dimension	Installation length 61 mm x Installation width 61 mm x Installation depth 34 mm, Ø 61 mm
warranty	3-year
Housing material	UV-stabilised polycarbonate
Protection class	II
Permissible ambient temperature	0 °C...+50 °C
Relative humidity	5 - 93 %, non-condensing
Colour	Opal matt

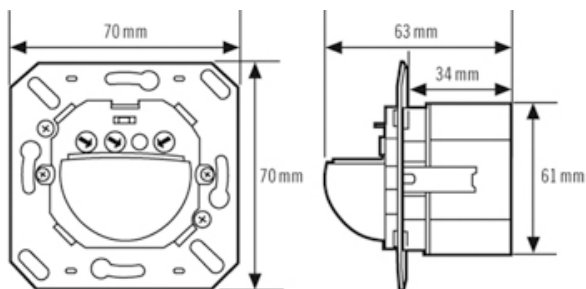
Weight	91 g
Terminal	2,5 mm² / 1,5 mm²
Recommended installation height	1,1 m
Max. mounting height	2,2 m
Number of light channels	1
Slave input	yes
Max. number of slave detectors	6
Fully automatic	yes
Semi-automatic	yes
Impulse feature	yes
Channel 1	Lighting
Interface	Switching
Contact	make contact/non-floating
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)
In-rush current	800 A / 200 µs
Switch-off delay time	impulse/approx. 12 sec. - 60 min.
Master/slave function	false
Constant lighting control	false
Manual override	yes

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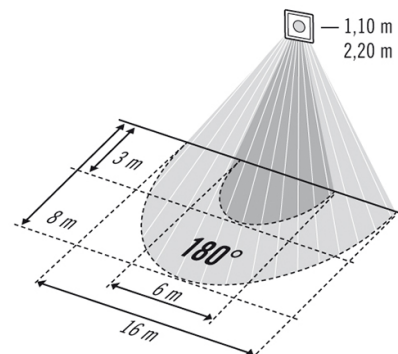
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Product designation	Item number	GTIN
ESY-Pen	EP10425356	4015120425356
Mobil-PDi/MDi	EM10425509	4015120425509
Mobil-PDi/MDi-universal	EP10433993	4015120433993
Cover IP 20	EM10055102	4015120055102
Cover IP 44	EM10055157	4015120055157
Surface-mounted box IP 20/IP 44	EM10055164	4015120055164
MD/PD 180 Slave	EM10410024	4015120410024
Cover IP 20-SKK	EM10055270	4015120055270
Cover IP 20-SKJ	EM10055287	4015120055287
Cover IP 20-EXX	EM10055294	4015120055294
Cover IP20-BS1	EP10427107	4015120427107
Cover IP20-BM2	EP10427121	4015120427121
Cover IP20-BJSI	EP10427145	4015120427145
Cover IP20-G55	EP10427169	4015120427169
RC filter/snubber	EP10426988	4015120426988

Dimensional drawing



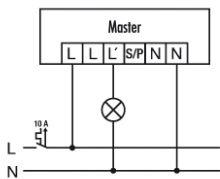
Field of detection



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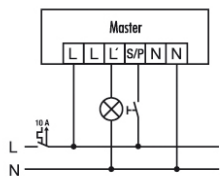
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Circuit diagram



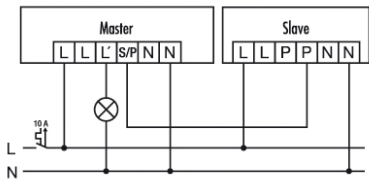
Standard operation

Circuit diagram



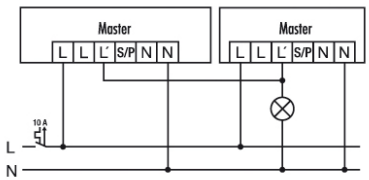
Standard operation with additional control by means of a closing button. If required, the light can be manually switched on or off with the button.

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.