

MD 180i/R

Item number EM10055010

The tried-and-tested technology in the Standard series is suitable for many different applications in buildings. Multiple variants of the presence and motion detector enable flexible application thanks to the different fields of detection, installation types and further details.

TECHNICAL DATA

GENERAL

|                          |                  |
|--------------------------|------------------|
| Special product features | Acoustic sensor  |
| Conformity               | CE , RoHS , WEEE |

MOUNTING

|                        |  |
|------------------------|--|
| Installation type      | Recessed mounting  |
| Mounting location      | Wall   |
| Installation dimension | Installation length 61 mm x Installation width 61 mm x Installation depth 34 mm, Ø 61 mm |
| Terminal               | 2,5 mm² / 1,5 mm²  |

HOUSING

|                                 |  |
|---------------------------------|--|
| Dimensions                      | Length 70 mm x Width 70 mm x Height/Depth 29 mm    |
| Housing material                | UV-stabilised polycarbonate                        |
| Protection type                 | IP 20, IP 44 depending on cover (order separately) |
| Permissible ambient temperature | 0 °C...+50 °C                                      |

**HOUSING**

|                   |                          |
|-------------------|--------------------------|
| Relative humidity | 5 - 93 %, non-condensing |
| Colour            | Opal matt                |
| Weight            | 91 g                     |

**ELECTRICAL VERSION**

|                  |    |
|------------------|----|
| Protection class | II |
|------------------|----|

**SENSORS**

|                                 |                               |
|---------------------------------|-------------------------------|
| Power consumption               | 0.9 W                         |
| Detection angle                 | 180° horizontal, 60° vertical |
| Detection range diagonally      | 16 m                          |
| Recommended installation height | 1.1 m                         |
| Max. mounting height            | 2.2 m                         |
| Light measurement               | mixed light                   |
| Level of brightness             | approx. 5 - 2,000 lux         |
| Slave input                     | yes                           |
| Max. number of slave detectors  | 6                             |
| Fully automatic                 | yes                           |
| Semi-automatic                  | yes                           |

## SENSORS

|                 |     |
|-----------------|-----|
| Impulse feature | yes |
|-----------------|-----|

## CONTROL

| Channel 1                    | Lighting   |
|------------------------------|--|
| Interface                    | Switching  |
| Contact                      | make contact/non-floating  |
| Switching capacity channel 1 | 230 V AC 50 Hz, 16 A relay,<br>2300 W/10 A (cos phi = 1),<br>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.  |
| Manual override              | yes  |

## ACCESSORIES



ESY-Pen  
Item number EP10425356



Mobil-PDi/MDi

Item number EM10425509



## Mobil-PDi/MDi-universal

Item number EP10433993

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## Cover IP 20

Item number EM10055102

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## Cover IP 20

Item number EM10055119

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