

MD 180i/16 Basic

Item number EB10430459

The BASIC presence and motion detectors offer a simply entry route into demand-driven building automation for intelligent light control. They are particularly suitable for cost-sensitive projects or areas of the building where simple functionality is sufficient — and thanks to the high-quality PIR and light sensors from ESYLUX still provide quality, energy efficiency and comfort.

TECHNICAL DATA

GENERAL

Conformity	CE , RoHS , WEEE
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MOUNTING

Installation type	Recessed mounting
Mounting location	Wall
Installation dimension	Installation length 42 mm x Installation width 42 mm x Installation depth 23 mm, Ø 42 mm
Terminal	1.5 mm²

HOUSING

Dimensions	Length 70 mm x Width 70 mm x Height/Depth 30 mm
Housing material	UV-stabilised polycarbonate
Protection type	IP 40
Permissible ambient temperature	0 °C...+50 °C
Relative humidity	5 - 93 %, non-condensing

HOUSING

Colour	Opal matt
Weight	74 g

ELECTRICAL VERSION

Protection class	II
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SENSORS

Power consumption	0.2 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	No
Number of parallel switchable detectors	6
Fully automatic	yes
Semi-automatic	yes
Impulse feature	yes

CONTROL

Channel 1

Lighting

Interface

Switching

Contact

make contact/non-floating

Switching capacity channel 1

230 V AC 50 Hz, 2300 W/10 A ($\cos \phi = 1$), 1150 VA/5 A ($\cos \phi = 0.5$)

In-rush current

800 A / 200 μ s

Switch-off delay time

impulse/approx. 1 minute – 60 minutes

Manual override

yes

ACCESSORIES



ESY-Pen

Item number EP10425356



Mobil-PDi/MDi

Item number EM10425509



Mobil-PDi/MDi-universal

Item number EP10433993



Cover IP 20

Item number EM10055102



Cover IP 20

Item number EM10055119
