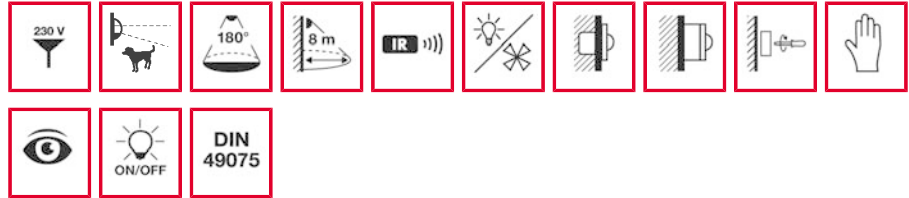


Order description
PD 180i/R

Order number
EM10410017

EAN code
4015120410017



Short description: **Technical data:** **Accessories**

- Presence detector with 180° field of detection for wall mounting
- Automatic light control depending on presence and natural light
- With 16 A high-performance relay (tungsten pre-contact), ideal for switching capacitive loads such as electronic ballasts, parallel-compensated fluorescent lamps, compact fluorescent lamps, energy-saving lamps
- Additional switch contact "HVAC" for controlling heating, ventilation and air conditioning depending on presence
- Can be programmed by remote control, e.g. continuous lighting ON/OFF and automatic storage of the current light value
- With cover frame IP 20 in 5 different colours
- Compatible with brand switches; therefore replaces any conventional switch
- IP 44 version, suitable for damp rooms, garages and basement access ways. Vandalproof cover with stainless steel screws (accessory)
- Additional switch input for individual manual lighting control
- Manual control possible through in-built ON/OFF/AUTO switch
- Prevent unwanted triggering of device e.g. by small animals, by masking the vertical field of detection by means of an enclosed covering cap
- Universal surface-mounted box IP 20/IP 44 with triple diaphragm line entrance
- The field of detection can be extended by connecting a "slave" presence detector (detector version 07/2007 onwards)
- In-built impulse feature for controlling automatic stairwell lights or control devices and for use in facility management/PLC

Mains voltage	230 V AC, 50 Hz
Approx. power consumption	1.0 W
Viewing distance	180° horizontal, 60° vertical
Range	approx. 8 m at an installation height of 1,1 m - 2.2 m
Setting options	mechanically by adjusting controller, electronically by infrared Mobil-PDi/MDi remote control (order separately)
Channel 1	lighting
Switching capacity	230 V AC, 50 Hz/(16 A relay), 2300 W/10 A (cos phi = 1), 1150 VA/5 A (cos phi = 0.5), capacitive load/electronic ballasts - max. inrush current 450 A/200 µs
No. of switchable electronic ballasts	30 x (1 x 18 W), 20 x (2 x 18 W), 25 x (1 x 36 W), 15 x (2 x 36 W), 20 x (1 x 58 W), 10 x (2 x 58 W)
Switch input 1	yes
Time setting	impulse/approx. 15 sec. - 30 mins.
Light measurement	mixed light
Light value	approx. 5 - 2000 Lux
Channel 2	HVAC
Contact	floating 230 V AC/2 A, 24 V DC/2 A
Max. switching capacity	100 W/460 VA
Time setting	impulse/approx. 5 - 120 mins.
Slave input	yes
Permissible ambient temperature	0 °C...+50 °C
Protection type	IP 20 or IP 44 depending on cover (order separately)
Protection class	II
Test symbol	TÜV Süd
Installation type	wall mounting
Housing material	UV stabilised polycarbonate
Approx. measurements	height 70 mm x width 70 mm x length 63 mm

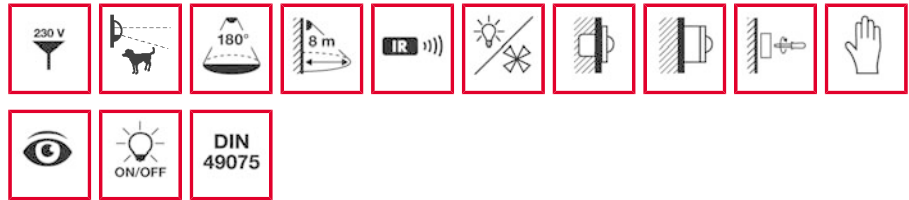
- EM10055102 - Cover IP 20 white
- EM10055119 - Cover IP 20 signal white
- EM10055126 - Cover IP 20 cream white
- EM10055133 - Cover IP 20 charcoal grey
- EM10055140 - Cover IP 20 stainless steel appearance
- EM10055157 - Cover IP 44 white
- EM10055164 - Surface-mounted box IP 20/IP 44 white
- EM10055270 - Cover IP 20-SKK white
- EM10055287 - Cover IP 20-SKJ white
- EM10410024 - MD/PD 180 Slave
- EM10425509 - Mobil-PDi/MDi silver/metallic blue
- EM10980701 - RC-filter aluminium appearance

Note: Order cover and remote control separately.

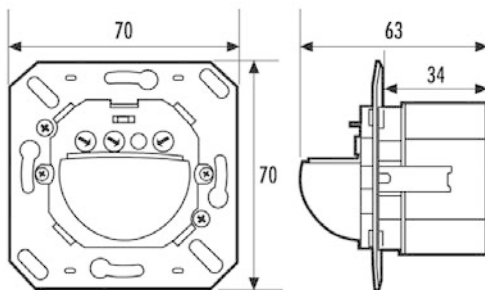
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Dimensions in mm

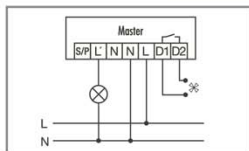


Schaltplan

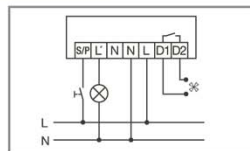
Präsenzmelder PD 180i/R - Master*

MD/PD 180 Slave

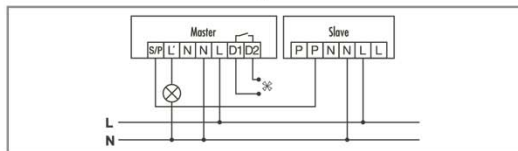
Kombinierbar mit Slave-Ausführung



Standardbetrieb



Standardbetrieb mit zusätzlicher Ansteuerung durch Schließstaster. Bei Bedarf kann das Licht durch den Taster manuell ein- bzw. ausgeschaltet werden.



Master-Slave-Schaltung: Das Master-Gerät schaltet angeschlossene Verbraucher je nach eingestellten Parametern. Die Slave-Geräte dienen nur der Bewegungserfassung und geben bei erkannter Bewegung einen Impuls an das Master-Gerät.
Achtung: Es können max. 10 Slave-Geräte an ein Master-Gerät angeschlossen werden.

Hinweis: Eine Parallelschaltung der Präsenzmelder ist nicht zulässig. Zur Erweiterung des Erfassungsbereiches die zugehörigen Slave-Geräte (Zubehör) nutzen.

*PD 180i/R ist ab Version 07/2007 slavefähig!

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