

Ceiling mounted occupancy detectors - 12-48V

PD2-M-2C-12-48V-RR



white mat, similar to RAL9010 , Part No. 92305 white mat, similar to RAL9010 , Part No. 92306

Product Information

- Occupancy detector with operating voltage of 12-48 V
- Two potential-free (dry) channels
- For channel 1, output of brightness-dependent resistance value also available, for additional analogue connection
- Can be used as either Master device or Slave device
- Manual switching via push-button possible
- Additional functions can be set up using the optional remote control.
- Factory settings 10 min and 500 lux (15 min HVAC)
- **Application examples:**
offices, schools, nursery schools, hospitals, conference rooms

Technical Data

Voltage:	12 - 48 V AC / DC
Dimensions:	SM= Ø 98 x 47 mm FC= Ø 80 x 85 mm
Power consumption:	< 1 W
Detection area:	horizontal 360° (Ceiling mounting)
Range:	max. Ø 10 m across max. Ø 6 m towards max. Ø 4 m seated

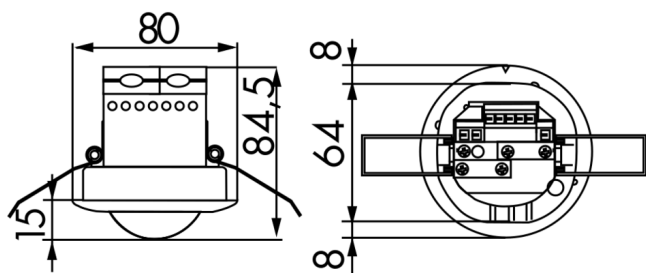
Monitored area (tangential movement):	78 m² / 2.5 m mounting height
Mounting height min./max./recommended:	2 m / 5 m / 2.5 m
Degree / class of protection:	SM= IP20 / Class II FC= IP20 / Class II
Ambient temperature:	-25 °C to +50 °C
Housing:	polycarbonate, UV-resistant
Channel 1 (lighting control, potential-free (dry))	
Switching power:	0.1 A; cos φ = 1 with Reed relay
Type of contact:	1x μ -contact, dry NO contact
Follow-up time:	15 sec – 30 min, Pulse
Brightness set value:	10 – 2000 Lux
Channel 2 (HVAC control potential-free (dry))	
Switching power:	0.1 A; cos φ = 1 with Reed relay
Type of contact:	1x μ -contact, dry NO contact
Follow-up time:	5 min – 120 min, Alarm pulse, Pulse Mixed light measuring

Description

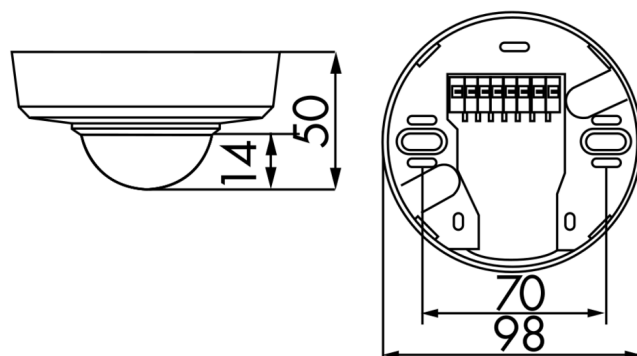
Description	Colour	Part number	EAN number
PD2-M-2C-12-48V-RR-SM	white mat, similar to RAL9010	92305	4007529923052
PD2-M-2C-12-48V-RR-FC	white mat, similar to RAL9010	92306	4007529923069

Accessory

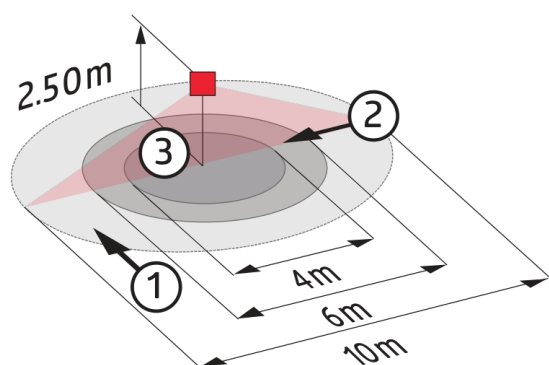
Description	Colour	Part number	EAN number
BLE-IR-Adapter	black	93067	4007529930678
IR-Adapter for Smartphones	black	92726	4007529927265
IR-PD-2C	-	92475	4007529924752
IR-PD-Mini	-	92159	4007529921591
Wire basket BSK (Ø 200 x 90 mm)	white	92199	4007529921997
SM socket IP54 for PD2- / PD4-SM	white	92161	4007529921614



Dimensions 92306

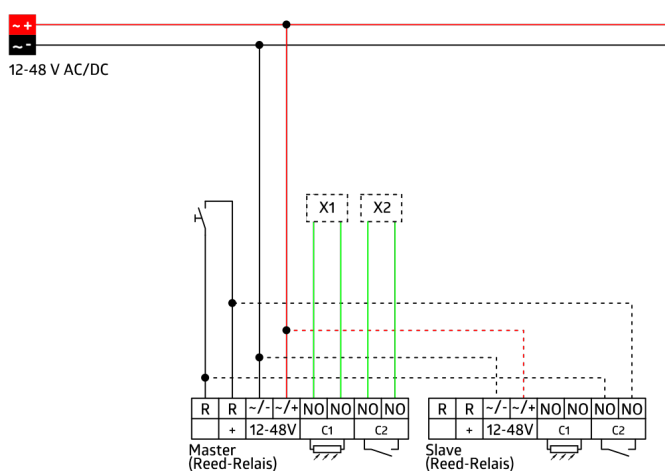


Dimensions 92305

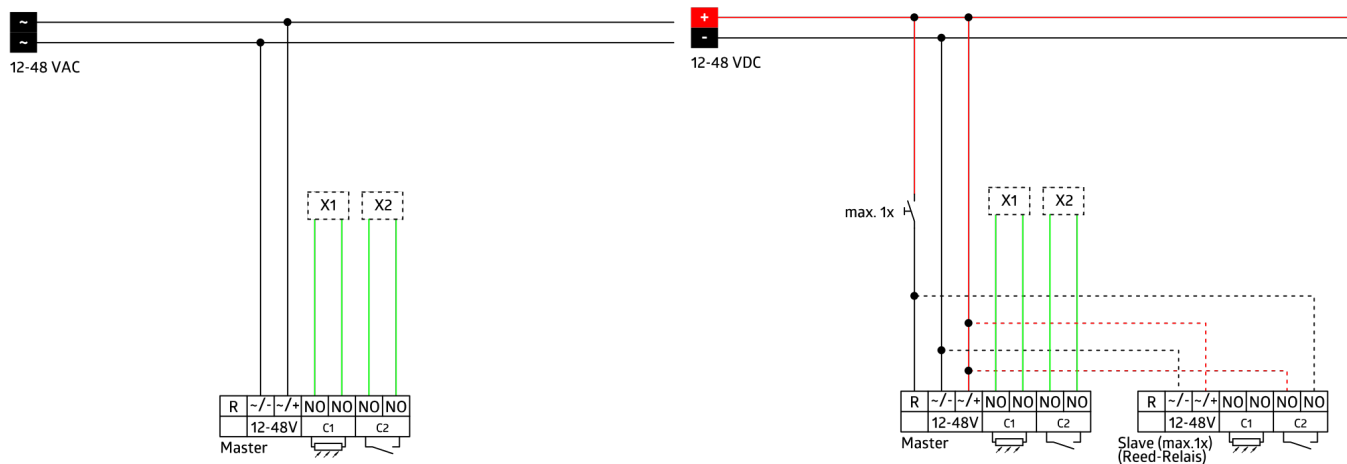


Range diagram

- 1: Walking across
- 2: Walking towards
- 3: Seated activity



Wiring diagram 92305



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