

Ceiling-mounted motion detectors - 2-channel

PD3N-2C



white mat, similar to RAL9010 , Part No. 92188 white mat, similar to RAL9010 , Part No. 92198

Product Information

- Remote control-capable ceiling motion detector
- One channel for light switching
- One additional potential-free (dry) contact for HVAC
- Additional functions can be set up using the optional remote control.
- **Application examples:**
toilets, equipment rooms, corridors/hallways, staircases

Technical Data

Voltage:	110 - 240 V AC 50 / 60 Hz
Dimensions:	FM= Ø 106 x 63 mm FC= Ø 83 x 81 mm
Power consumption:	approx. 0.5 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

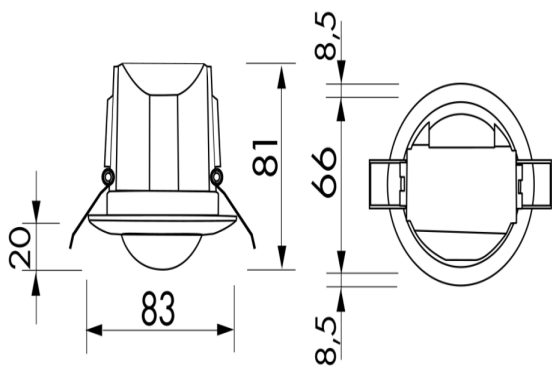
Degree / class of protection:	FM= IP20 / Class II FC= IP23 / Class II
Ambient temperature:	-25 °C to +50 °C
Housing:	polycarbonate, UV-resistant
Channel 1 (lighting control)	
Switching power:	2300 W, $\cos \varphi = 1$ 1150 VA, $\cos \varphi = 0.5$ 300 W LED max. inrush current I_p (20 ms) = 165 A max. inrush current I_p (200 μ s) = 800 A
Type of contact:	1x μ -contact, NO contact with tungsten pre-make contact
Follow-up time:	30 sec - 30 min, Pulse
Switch-on threshold:	10 - 2000 Lux
Channel 2 (HVAC control potential-free (dry))	
Switching power:	3 A (230 V), $\cos \varphi = 1$
Type of contact:	1x NO contact (dry)
Follow-up time:	5 min - 120 min

Description

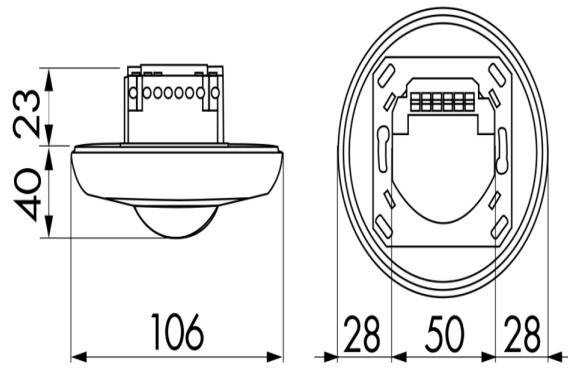
Description	Colour	Part number	EAN number
PD3N-2C-FM	white mat, similar to RAL9010	92188	4007529921881
PD3N-2C-FC	white mat, similar to RAL9010	92198	4007529921980

Accessory

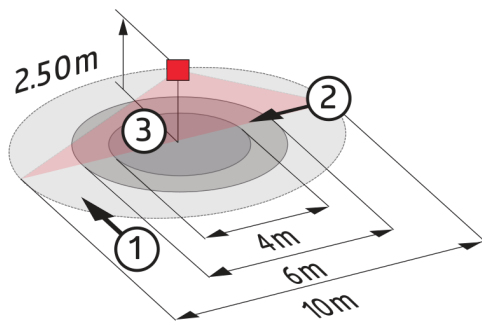
Description	Colour	Part number	EAN number
BLE-IR-Adapter	black	93067	4007529930678
IR-PD3N-2C	-	92115	4007529921157
IR-PD-Mini	-	92159	4007529921591
Wire basket BSK (Ø 200 x 90 white mm)		92199	4007529921997
RC-Arc extinction kit	white	10880	4007529108800
Mini-RC-Arc extinction kit	black	10882	4007529108824
Square design frame PD3N-FC	white mat, similar to RAL9010	92991	4007529929917



Dimensions 92198

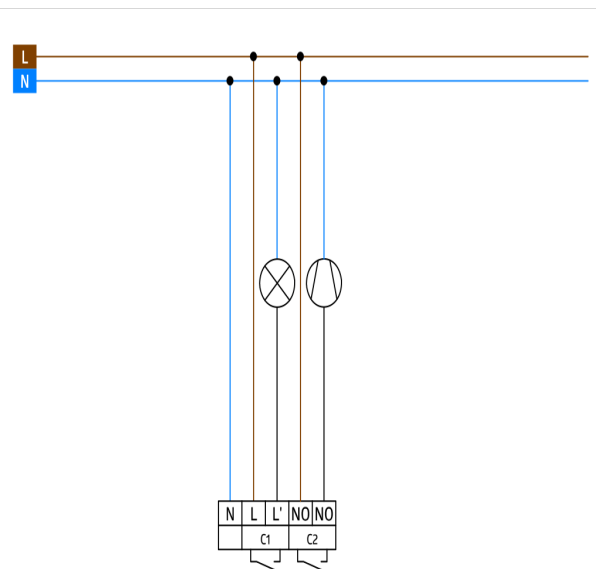


Dimensions 92188



Range diagram

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



Wiring diagramms