

## Ceiling-mounted motion detectors - 1-channel

## PD3N-1C-NO-PF



white mat, similar to  
RAL9010 , Part No. 92576

## Product Information

- Remote control-capable ceiling motion detector
- One potential-free (dry) switching contact
- Zero crossing switching
- Special optical system for detection of even the smallest movements
- Additional functions can be set up using the optional remote control.
- **Application examples:**  
underground car parks, entrance halls, corridors/hallways, toilets, equipment rooms, small offices, open-plan offices, conference rooms

## Technical Data

<b>Voltage:</b>	110 - 240 V AC 50 / 60 Hz
<b>Dimensions:</b>	Ø 83 x 81 mm
<b>Power consumption:</b>	approx. 0.4 W
<b>Detection area:</b>	horizontal 360° (Ceiling mounting)
<b>Range:</b>	max. Ø 10 m across max. Ø 6 m towards max. Ø 4 m seated
<b>Monitored area (tangential movement):</b>	78 m <sup>2</sup> / 2.5 m mounting height
<b>Mounting height</b>	

**min./max./recommended:** 2 m / 5 m / 2.5 m

**Degree / class of protection:** IP23 / Class II

**Impact strength:** IK04

**Ambient temperature:** -25 °C to +50 °C

**Housing:** polycarbonate, UV-resistant

**Channel 1 (lighting control, potential-free (dry))**

**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  $\mu$ s) = 800 A

**Type of contact:** 1x  $\mu$ -contact, dry NO contact with tungsten pre-make contact

**Follow-up time:** 15 sec - 30 min, Pulse

**Switch-on threshold:** 10 - 2000 Lux

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## Description

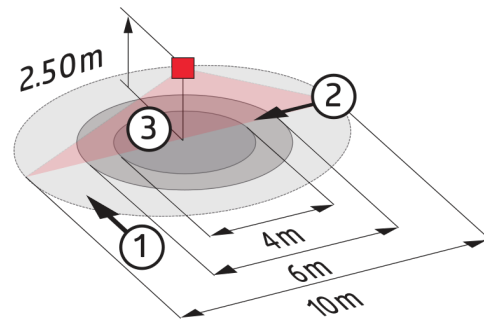
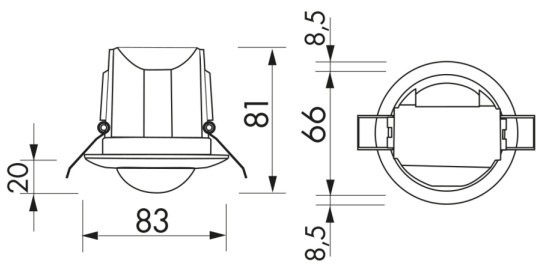
Description	Colour	Part number	EAN number
PD3N-1C-NO-PF-FC	white mat, similar to RAL9010	92576	4007529925766

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## Accessory

Description	Colour	Part number	EAN number
IR-PD3/4N-1C-E	-	93110	4007529931101
IR-PD3N	-	92105	4007529921058
IR-PD-Mini	-	92159	4007529921591
Wire basket BSK ( $\varnothing$ 200 x 90 mm)	white	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
BLE-IR-Adapter	black	93067	4007529930678

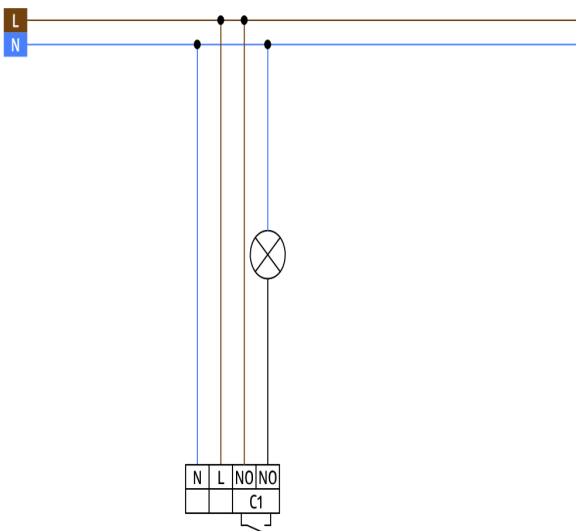
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### Dimensions 92576

### Range diagram

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



### Wiring diagrams