

## Ceiling-mounted motion detectors - 1-channel

### PD9-1C



white mat, similar to  
RAL9010 , Art.-Nr.: 92902

### Product Information

- Mini-motion detector for indoor use
- One channel for light switching
- Easy installation on device
- Power supply passes through the hole in the ceiling for the detector (34 mm Ø)
- Spring clips for quick and easy installation in suspended ceilings and light fittings
- Includes 45 mm cover ring and blinds
- **Application examples:**  
toilets, equipment rooms, entrance halls, corridors/hallways, small offices

### Technical Data

<b>Voltage:</b>	110 - 240 V AC 50 / 60 Hz
<b>Dimensions:</b>	Sensor head: Ø 45 x 37 mm, Power supply: 165 x 24 x 24 mm
<b>Power consumption:</b>	approx. 0,5 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

**Mounting height min./max./recommended:** 2 m / 5 m / 2,5 m

**Degree / class of protection:** IP20 / Class II

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

**Housing:** polycarbonate, UV-resistant

**Cable length:** 45 cm

**Channel 1 (lighting control)**

**Switching power:** 1000 W,  $\cos \varphi = 1$   
 500 VA,  $\cos \varphi = 0,5$   
 200 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, NO contact with tungsten pre-make contact

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

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

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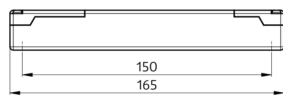
## Description

Description	Colour	Part number	EAN number
PD9-1C-FC	white mat, similar to RAL9010	92902	4007529929023

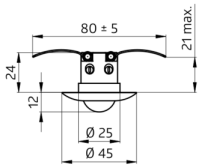
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## Accessory

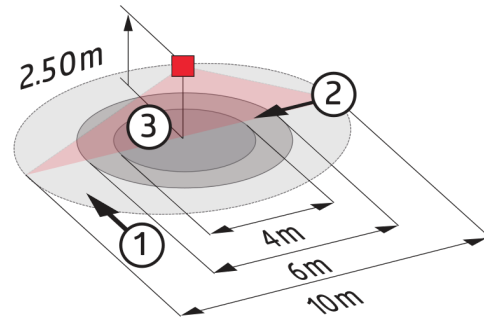
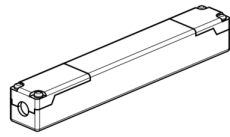
Description	Colour	Part number	EAN number
RC-Arc extinction kit	white	10880	4007529108800
Mini-RC-Arc extinction kit	black	10882	4007529108824
Cover IP65	transparent	92958	4007529929580
Cover ring PD9 Ø 36 mm	anthracite glossy	92235	4007529922352
Cover ring PD9 Ø 36 mm	white glossy	92238	4007529922383
Cover ring PD9 Ø 36 mm	silver glossy	92237	4007529922376
Cover ring PD9 Ø 45 mm	white mat	92327	4007529923274
Cover ring PD9 Ø 45 mm	silver mat	92346	4007529923465
Square design frame PD9-FC	pure white mat, similar to RAL9010	92993	4007529929931



power supply



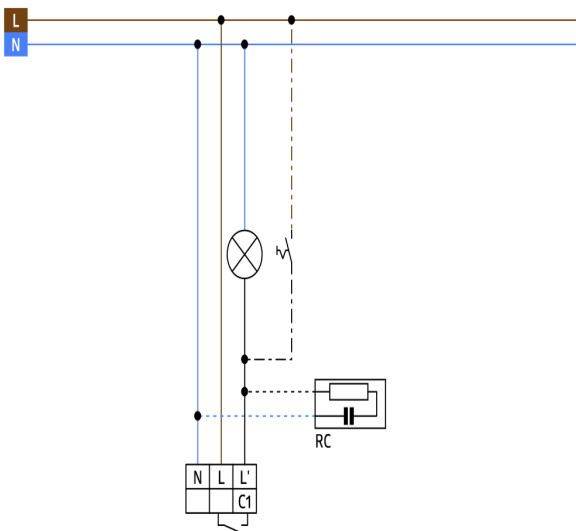
sensor head



### Dimensions 92902

### Range diagram

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



### Wiring diagrams