Ceiling-mounted motion detectors - 1-channel
PD3N-1C Micro

Product Information

- Remote control-capable ceiling motion detector with integrated acoustic sensor
- One channel for light switching
- Special optical system for detection of even the smallest movements
- Additional functions can be set up using the optional remote control.

Typical applications:
monitoring of smaller areas like stairwells, private garages, galleries, wash rooms

Technical Data

Voltage: 110 – 240 V AC 50 / 60 Hz
Dimensions: FC= Ø 83 x 81 mm
SM= Ø 106 x 53 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

white mat, similar to white mat, similar to
RAL9010 , Part No. 92184 RAL9010 , Part No. 92219
Degree / class of protection:  
FC= IP23 / Class II  
SM= IP44 / Class II

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

Housing:  
Polycarbonate, UV-resistant

Channel 1 (lighting control)

Switching power:  
2300 W, cos φ = 1  
1150 VA, cos φ = 0.5  
300 W LED  
max. inrush current Ip (20 ms) = 165 A  
max. inrush current Ip (200 µs) = 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

Description

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Accessory

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Dimensions 92219

Dimensions 92184

Wiring diagrams

Range diagram
1: Walking across
2: Walking towards
3: Seated activity

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