

B.E.G.

LUXOMAT®



PD3N-1C-FC Set 92196-92991

Remote control-capable ceiling motion detector

One channel for light switching

Zero crossing switching

Order data

Designation	Colour	Art.No
PD3N-1C-FC	white	92196
Square design frame PD3N-FC	white	92991

Areas of application

- corridors/hallways
- staircases
- toilets
- equipment rooms

Technical data

Voltage:	110 - 240 V AC 50 / 60 Hz
Dimensions:	Ø 83 x 81 mm
Power consumption:	approx. 0.5 W
Detection area:	horizontal 360° (Ceiling mounting) max. Ø 10 m across max. Ø 6 m towards max. Ø 4 m seated
Range:	
Monitored area (tangential movement):	78 m ² / 2.5 m mounting height
Mounting height 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
Material color:	white mat, similar to RAL9010

Channel 1 (lighting control)

Switching power:	2300 W, $\cos \varphi$ = 1 1150 VA, $\cos \varphi$ = 0.5 800 W LED max. inrush current I_p (20 ms) = 165 A max. inrush current I_p (200 μ s) = 800 A
Type of contact (k):	1x μ -contact, NO contact with tungsten pre- make contact
Follow-up time:	15 sec - 30 min, Pulse
Switch-on threshold:	10 - 2000 Lux

Product information

Set : PD3N-1C-FC + Square design frame PD3N-FC
white mat, similar to RAL9010

Remote control-capable ceiling motion detector

One channel for light switching

Zero crossing switching

Special optical system for detection of even the smallest
movements

Uninterrupted parallel circuit detection of several detectors

Manual switching via push-button possible

Additional functions can be set up using the optional remote
control.

Factory settings 10 min and 500 lux



Set items

To receive the bundle according to the technical specification, please order the items listed.



PD3N-1C-FC
Art.No: 92196

Voltage: 110 – 240 V AC 50 / 60 Hz
Dimensions: Ø 83 x 81 mm
Power consumption: approx. 0.5 W



Square design frame PD3N-FC
Art.No: 92991

Dimensions: 83 x 83 x 8 mm
Housing: polycarbonate, UV-resistant
Material color: white mat, similar to RAL9010