

**B.E.G.****LUXOMAT®**

## PD3N-2C-FC Set 92198-93086

230V 2-channel PIR motion detector with 360° coverage and a range of up to Ø10m (78 m²), remote-controlled

### Order data

Designation	Colour	Art.No
PD3N-2C-FC	white	92198
Cover ring PD3N FC	jet black	93086

### 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 <sup>2</sup> / 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:	<b>jet black mat, similar to RAL9005 (93086)</b>

### 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 $\mu$ s) = 800 A
Type of contact (k):	1x $\mu$ -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

## Product information

Set : PD3N-2C-FC + Cover ring PD3N FC jet black  
mat, similar to RAL9005

Remote control-capable ceiling motion detector

One channel for light switching

Zero crossing switching

One additional potential-free (dry) contact for HVAC

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



## Set items

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



**PD3N-2C-FC**  
Art.No: 92198

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



**Cover ring PD3N FC**  
Art.No: 93086

Dimensions: Ø 83 x 6 mm  
Housing: polycarbonate, UV-resistant  
Material color: jet black mat, similar to RAL9005