

**B.E.G.****LUXOMAT®**

## PD3N-2C-FC Set 92198-92199-93086

Remote control-capable ceiling motion detector

One channel for light switching

Zero crossing switching

### Order data

Designation	Colour	Art.No
PD3N-2C-FC	white	92198
Wire basket BSK (Ø 200 x 90 mm)	white	92199
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:	<b>Ø 200 x 90 mm (92199)</b>
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:	<b>IK09 (92199)</b>
Ambient temperature:	-25 °C to +50 °C
Housing:	<b>polycarbonate, UV-resistant + coated steel basket (92199)</b>
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 + Wire basket BSK (Ø 200 x 90 mm) white + 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.



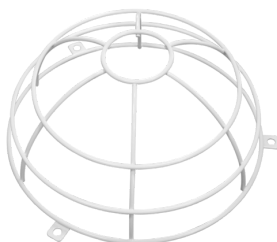
## Set items

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



**Wire basket BSK (Ø 200 x 90 mm)**  
Art.No: 92199

Dimensions: Ø 200 x 90 mm  
Impact strength: IK09  
Housing: coated steel basket



**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