

**B.E.G.****LUXOMAT®**

## PD4-M-3C-TRIO-SM Set 92740-92467-92386

230V 3-channel PIR motion detector with 360° detection and a range of up to Ø24m (450 m<sup>2</sup>), remote-controlled

### Order data

Designation	Colour	Art.No
PD4-M-3C-TRIO-SM	white	92740
Wire basket BSK (Ø 164 x 143 mm)	white	92467
Socket IP54 PD4-TRIO-SM	white	92386

### Areas of application

- open-plan offices
- conference rooms
- classrooms/seminar rooms

## Technical data

Voltage:	110 - 240 V AC 50 / 60 Hz
Dimensions:	<b>Ø 164 x 143 mm (92467)</b>
Power consumption:	approx. 0.5 W
Detection area:	horizontal 360° (Ceiling mounting) max. Ø 24 m across max. Ø 8 m towards max. Ø 6.4 m seated
Range:	
Monitored area (tangential movement):	450 m <sup>2</sup> / 2.5 m mounting height
Mounting height min./max./recommended:	2 m / 10 m / 2.5 m
Degree / class of protection:	<b>IP54 (92386)</b>
Impact strength:	<b>IK09 (92467)</b>
Ambient temperature:	-25 °C to +50 °C
Housing:	<b>polycarbonate, UV-resistant + coated steel basket (92467)</b>
Material color:	white mat, similar to RAL9010

### Channel 1 (lighting control)

Switching power:	3000 W, cos φ = 1 1500 VA, cos φ = 0.5 800 W LED max. inrush current I <sub>p</sub> (20 ms) = 165 A max. inrush current I <sub>p</sub> (200 μs) = 800 A
Type of contact (k):	1x μ-contact, NO contact with tungsten pre-make contact
Switch-on threshold:	10 - 2000 Lux

### Channel 2 (lighting control potential-free control (dry))

Switching power:	3000 W, cos φ = 1 1500 VA, cos φ = 0.5 800 W LED max. inrush current I <sub>p</sub> (20 ms) = 165 A, I <sub>p</sub> (200 μs) = 800 A
Switch-on threshold:	10 - 2000 Lux

## Product information

Set : PD4-M-3C-TRIO-SM + Wire basket BSK (Ø 164 x 143 mm) white + Socket IP54 PD4-TRIO-SM white

Occupancy detector particularly for classrooms and training classrooms

Two contacts, one of them dry, for two groups of light, separate switching possible

One potential-free contact for blackboard illumination or HVAC

One common detection area

Two independent, movable light sensors

Manual switching possible via two or three pushbuttons

Version as master device

Detection area can be extended by using slave devices

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

Relay with tungsten pre-make contact, optimised for LED loads

Type of contact: 1x  $\mu$ -contact, dry  
NO contact with tungsten pre-make contact

**Channel 3 (HVAC control or lighting control, potential-free (dry))**

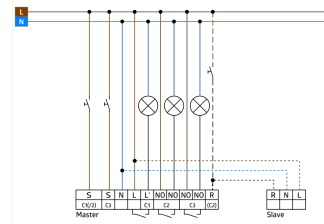
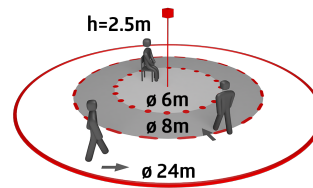
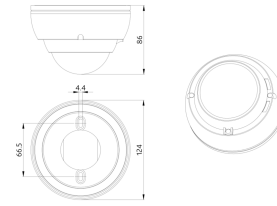
Switching power: 3000 W,  $\cos \varphi = 1$   
1500 VA,  $\cos \varphi = 0.5$   
800 W LED  
max. inrush current  $I_p$  (20ms) = 120 A

Type of contact: 1x  $\mu$ -contact, dry  
NO contact

**Channel 1 to channel 3**

Follow-up time: 1 min - 90 min

Light measuring: Mixed light measuring



## Set items

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



**PD4-M-3C-TRIO-SM**  
Art.No: 92740

Voltage: 110 – 240 V AC 50 / 60 Hz  
Dimensions: Ø 124 x 85 mm  
Power consumption: approx. 0.5 W



**Wire basket BSK (Ø 164 x 143 mm)**  
Art.No: 92467

Dimensions: Ø 164 x 143 mm  
Impact strength: IK09  
Housing: coated steel basket



**Socket IP54 PD4-TRIO-SM**  
Art.No: 92386

Degree / class of protection: IP54  
Housing: polycarbonate, UV-resistant  
Material color: white