

**B.E.G.**

**LUXOMAT®**



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

- Voltage: 110 - 240 V AC 50 / 60 Hz
- Dimensions: **Ø 164 x 143 mm (92467)**
- Power consumption: approx. 0.5 W

### Areas of application

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

### Order data

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

## 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:	IP20 / Class II
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, $\cos \varphi = 1$ 1500 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
Switch-on threshold:	10 - 2000 Lux

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

Switching power:	3000 W, $\cos \varphi = 1$ 1500 VA, $\cos \varphi = 0.5$ 800 W LED max. inrush current $I_p$ (20 ms) = 165 A, $I_p$ (200 $\mu$ s) = 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

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))**

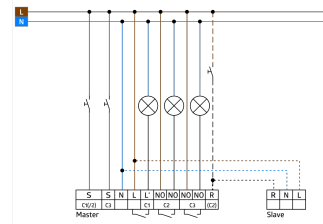
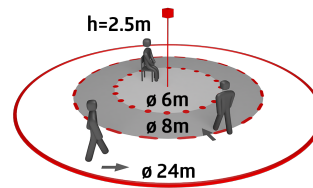
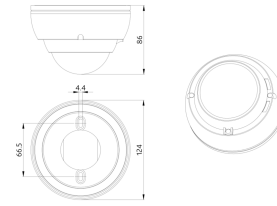
Switching power: 3000 W,  $\cos \varphi = 1$   
1500 VA,  $\cos \varphi = 0.5$   
800 W LED  
max. inrush current  $I_p$  (20ms) = 120 A

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