B.E.G. LUXOMAT®



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

230V 3-channel PIR motion detector with 360° detection and a range of up to Ø24m (450 m²), remote-controlled

## Order data

| Designation | Colour | Art.No |
|---|---|---|
| PD4-M-3C-TRIO-SM | white | 92740 |
| 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: | Ø 124 x 85 mm |
| Power consumption: | approx. 0.5 W |
| Detection area: | horizontal 360° (Ceiling mounting) |
| Range: | max. Ø 24 m across<br>max. Ø 8 m towards<br>max. Ø 6.4 m seated |
| Monitored area (tangential movement): | 450 m² / 2.5 m mounting height |
| Mounting height min./max./recommended: | 2 m / 10 m / 2.5 m |
| Degree / class of protection: | **IP54 (92386)** |
| 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: | 3000 W, cos φ = 1<br>1500 VA, cos φ = 0.5<br>800 W LED<br>max. inrush current Ip (20 ms) = 165 A<br>max. inrush current Ip (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 (dry))** | |
| Switching power: | 3000 W, cos φ = 1<br>1500 VA, cos φ = 0.5<br>800 W LED<br>max. inrush current Ip (20 ms) = 165 A, Ip (200 µs) = 800 A |
| Switch-on threshold: | 10 – 2000 Lux |

## Product information

Set : PD4-M-3C-TRIO-SM + 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

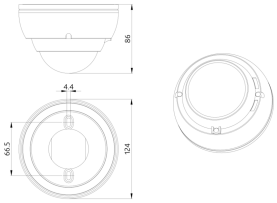
Version as master device

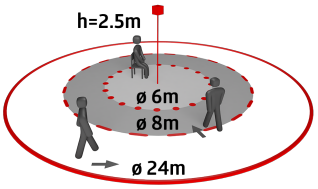
Detection area can be extended by using slave devices

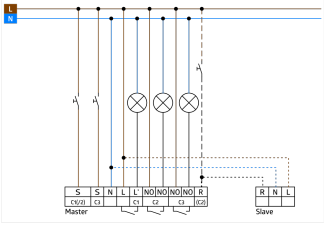
Additional functions can be set up using the optional remote control.

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

| | |
|---|---|
| Type of contact: | 1x µ-contact, dry NO contact with tungsten pre-make contact |
| **Channel 3 (HVAC control or lighting control, potential-free (dry))** | |
| Switching power: | 3000 W, cos φ = 1<br>1500 VA, cos φ = 0.5<br>800 W LED<br>max. inrush current Ip (20ms) = 120 A |
| Type of contact: | 1x µ-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



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

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