B.E.G. LUXOMAT®



# PD4-M-TRIO-2DALI/DSI-1C-SM Set 92751-92467-92386

Occupancy detector for two separate lighting groups, for daylight-dependent lighting control

One potential-free switching channel for control of equipment (HVAC) or lighting

Two independent, movable light sensors

## Order data

| Designation | Colour | Art.No |
|---|---|---|
| PD4-M-TRIO-2DALI/DSI-1C-SM | white | 92751 |
| 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: | **Ø 164 x 143 mm (92467)** |
| Power consumption: | approx. 2 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: | **IK09 (92467)** |
| Ambient temperature: | -25 °C to +50 °C |
| Housing: | **polycarbonate, UV-resistant + coated steel basket (92467)** |
| Material color: | white mat, similar to RAL9010 |
| **Channel 1 and Channel 2 (lighting control)** | |
| DALI output: | up to 25 DALI / DSI-EB per channel |
| Orientation light: | 10 – 30 % / OFF / 1 min – 60 min / ∞ |
| **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) = 165 A, (200 µs) = 800 A |
| Type of contact: | 1x µ-contact, dry NO contact with tungsten pre-make contact |
| **Channel 1 to channel 3** | |
| Follow-up time: | 1 min – 60 min |
| Brightness set value: | 10 – 2000 Lux |
| Light measuring: | Mixed light measuring |

## Product information

Set : PD4-M-TRIO-2DALI/DSI-1C-SM + Wire basket BSK (Ø 164 x 143 mm) white + Socket IP54 PD4-TRIO-SM white

Occupancy detector for two separate lighting groups, for daylight-dependent lighting control

One potential-free switching channel for control of equipment (HVAC) or lighting

Two independent, movable light sensors

One common detection area

2 DALI/DSI interfaces for control of digital dimmable electronic ballasts as a group

Switching between DALI and DSI possible with remote control

Orientation light function

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

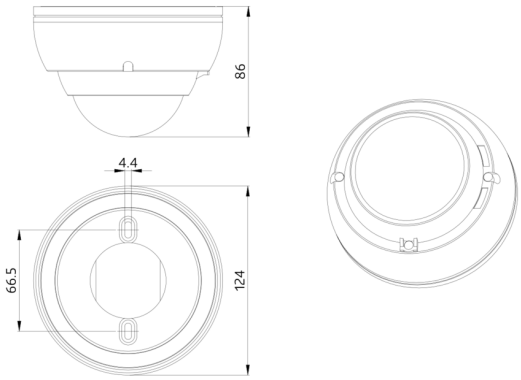
Version as master device

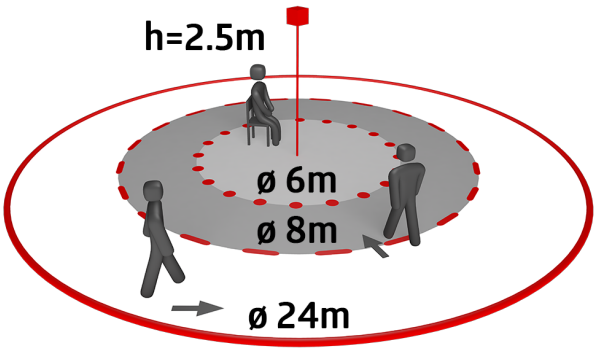
Detection area can be extended by using slave devices

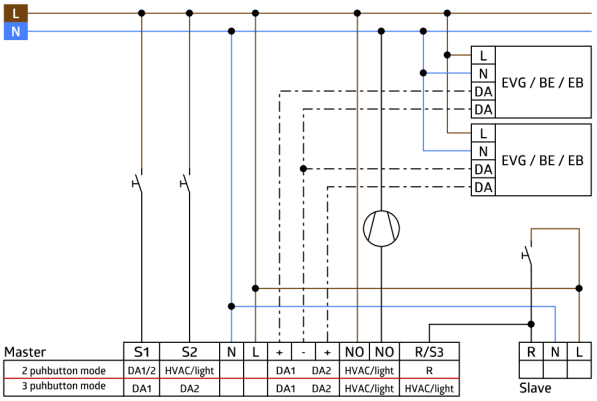
Manual switching and dimming via push button possible

Semi-automatic, full-automatic or twilight switch mode

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


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DA
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-
+
NO
NO
R/S3
2 puhbutton mode
DA1/2
HVAC/light
DA1
DA2
HVAC/light
R
3 puhbutton mode
DA1
DA2
DA1
DA2
HVAC/light
HVAC/light
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N
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Slave

## Set items

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



**PD4-M-TRIO-2DALI/DSI-1C-SM**
Art.No: 92751

Voltage: 110 – 240 V AC 50 / 60 Hz
Dimensions: Ø 124 x 85 mm
Power consumption: approx. 2 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