

**B.E.G.****LUXOMAT®**

## PD4-M- TRIO-2DALI/DSI-1C-SM

Prod.No. 92751 EAN: 4007529927517

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

### Areas of application

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

### Order data

| Designation                | Colour | Art.No |
|----------------------------|--------|--------|
| PD4-M-TRIO-2DALI/DSI-1C-SM | white  | 92751  |

### Accessories

| Designation                      | Colour | Art.No |
|----------------------------------|--------|--------|
| RC-Arc extinction kit            | white  | 10880  |
| Mini-RC-Arc extinction kit       |        | 10882  |
| BLE-IR-Adapter                   | black  | 93067  |
| IR-PD4-TRIO-DALI                 | -      | 92104  |
| Wire basket BSK (Ø 200 x 90 mm)  | white  | 92199  |
| Wire basket BSK (Ø 164 x 143 mm) | white  | 92467  |
| Socket IP54 PD4-TRIO-SM          | white  | 92386  |
| Pendulum mounting set PD2/3/4 SM | white  | 93179  |

## Technical data

|  |   |
|--|---|
| Voltage:                               | 110 - 240 V AC<br>50 / 60 Hz  |
| Dimensions:                            | Ø 124 x 85 mm   |
| Power consumption:                     | approx. 2 W   |
| Detection area:                        | horizontal 360°<br>(Ceiling mounting)<br>max. Ø 24 m<br>across<br>max. Ø 8 m<br>towards<br>max. Ø 6.4 m<br>seated |
| Range:                                 | 450 m <sup>2</sup> / 2.5 m<br>mounting<br>height  |
| Monitored area (tangential movement):  | 2 m / 10 m / 2.5<br>m   |
| Mounting height min./max./recommended: | IP20 / Class II   |
| Degree / class of protection:          | IK04  |
| Impact strength:                       | -25 °C to +50<br>°C   |
| Ambient temperature:                   | polycarbonate,<br>UV-resistant  |
| Housing:                               | white mat,<br>similar to<br>RAL9010   |
| Material color:                        |   |

### Channel 1 and Channel 2 (lighting control)

|                    |  |
|--------------------|--|
| DALI output:       | up to 25 DALI /<br>DSI-EB per<br>channel   |
| Orientation light: | 10 - 30 % / OFF<br>/ 1 min - 60<br>min / ∞ |

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

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

### Channel 1 to channel 3

|                       |                          |
|-----------------------|--------------------------|
| Follow-up time:       | 1 min - 60 min           |
| Brightness set value: | 10 - 2000 Lux            |
| Light measuring:      | Mixed light<br>measuring |

## Product information

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.

### Application examples:

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



## Accessories



**RC-Arc extinction kit**  
Art.No: 10880

Voltage: 230 V AC ±10%  
Dimensions: 38 x 12 x 26 mm  
Degree / class of protection: IP20 / Class II



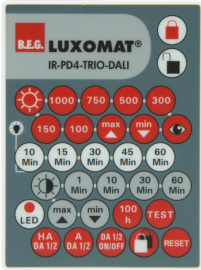
**Mini-RC-Arc extinction kit**  
Art.No: 10882

Voltage: 230 V AC ±10%  
Dimensions: 50 x 23 x 8 mm  
Degree / class of protection: IP20 / Class II



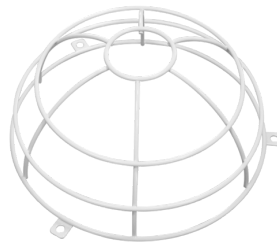
**BLE-IR-Adapter**  
Art.No: 93067

Dimensions: 40 x 55 x 103 mm  
Material color: black  
Frequency: 2.4 GHz ISM band, GFSK  
0.2 dBm + 5.3 dBi = 5.5 dBm



**IR-PD4-TRIO-DALI**  
Art.No: 92104

Battery: 3.0 V Lithium CR2032 (inclusive)  
Dimensions: 80 x 60 x 8 mm  
Material color: -



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

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



**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



**Pendulum mounting set PD2/3/4 SM**  
Art.No: 93179

Dimensions: 1 : Ø 113 x 79 mm, 2 : Ø 113 x 34 mm  
Housing: polycarbonate, UV-resistant  
Material color: white, similar to RAL9010