



# LUXOMAT®



## PD9-M-DACO-FC DALI-2 Set 93470-92238

DALI-2 PIR motion detector with integrated DALI application controller, 360° detection, and a range of up to Ø10m (78 m²)

### Areas of application

- entrance halls
- corridors/hallways
- small offices

### Order data

| Designation            | Colour | Art.No |
|------------------------|--------|--------|
| PD9-M-DACO-FC DALI-2   | white  | 93470  |
| Cover ring PD9 Ø 36 mm | white  | 92238  |

## Technical data

|                                        |                                                                                                                                            |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Voltage:                               | 230 V AC $\pm 10\%$<br>50 Hz                                                                                                               |
| Dimensions:                            | Sensor head: $\varnothing$ 45 x 28 mm,<br>Power supply:<br>165 x 24 x 24 mm                                                                |
| Power consumption:                     | approx. 2 W                                                                                                                                |
| Slave devices:                         | up to 8                                                                                                                                    |
| Detection area:                        | horizontal 360°<br>(Ceiling mounting)<br>max. $\varnothing$ 10 m across<br>max. $\varnothing$ 6 m towards<br>max. $\varnothing$ 4 m seated |
| Range:                                 | 78 m <sup>2</sup> / 2.5 m mounting height                                                                                                  |
| Monitored area (tangential movement):  | 2 m / 5 m / 2.5 m                                                                                                                          |
| Mounting height min./max./recommended: | IP20 / Class II                                                                                                                            |
| Degree / class of protection:          | IK03                                                                                                                                       |
| Impact strength:                       | -25 °C to +50 °C                                                                                                                           |
| Ambient temperature:                   | polycarbonate, UV-resistant                                                                                                                |
| Housing:                               | <b>white glossy (92238)</b>                                                                                                                |
| Material color:                        | 50 cm                                                                                                                                      |
| Cable length:                          | <b>Channel 1 (lighting control)</b>                                                                                                        |
| DALI output:                           | 80 mA (guaranteed),<br>125 mA (max.),<br>shut down mechanism                                                                               |
| Supported control gear:                | DT0, DT5, DT6, DT7                                                                                                                         |
| Supported control devices:             | - (single master)                                                                                                                          |
| Follow-up time:                        | 1 min – 150 min                                                                                                                            |
| Orientation light:                     | 10 – 30 % / OFF<br>/ 5 min – 60 min<br>/ $\infty$                                                                                          |
| Brightness set value:                  | 10 – 2500 Lux                                                                                                                              |
| Light measuring:                       | Mixed light measuring                                                                                                                      |

## Product information

Set : PD9-M-DACO-FC DALI-2 + Cover ring PD9  $\varnothing$  36 mm white glossy

Mini occupancy detector with integrated DALI application controller for energy-efficient lighting control

DALI-2 certified product

Integrated DALI power supply

DALI interface for controlling digital, dimmable ECGs in broadcast mode

Manual switching or dimming via conventional pushbuttons

Bidirectional IR communication enables fast integration into the project management function of the B.E.G. One app

Complete range of functions can only be activated using the BLE-IR-Adapter and a compatible Smartphone or Tablet (Android, iOS).

Semi-automatic, full automatic, presence-independent or light-independent mode adjustable

Adjustable regulation dynamics (minimum and maximum values)

Adjustable speed and delay of the regulation

Single master version, not networkable

Detection area can be extended by using slave devices

Measuring of mixed light thanks to internal light sensor

DALI output power can be increased with accessories

Integrated daylight harvesting circuit (or switch output)

Adjustable switch-on value

Last value - Reminder function for switch-on value

Adjustable brightness set value and reflection factor

Indication of the current light sensor value in the B.E.G. One App

Self-check and display of device errors in the B.E.G. One App

Status LEDs can be activated / deactivated

PIN code

Corridor function - Deactivates the possibility to switch off the light via the push-button

Number of DALI participants can be determined quickly and reliably via the B.E.G. Online DALI Line Planner

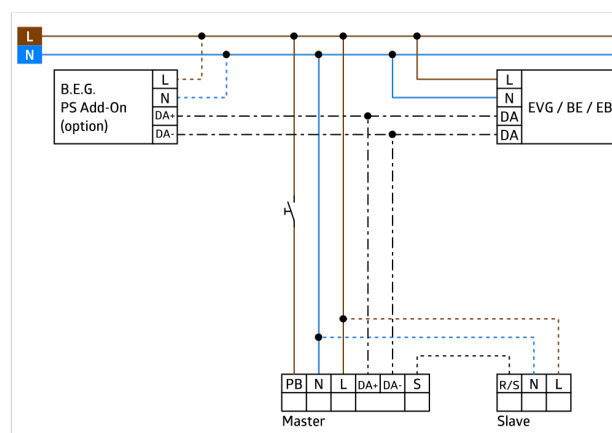
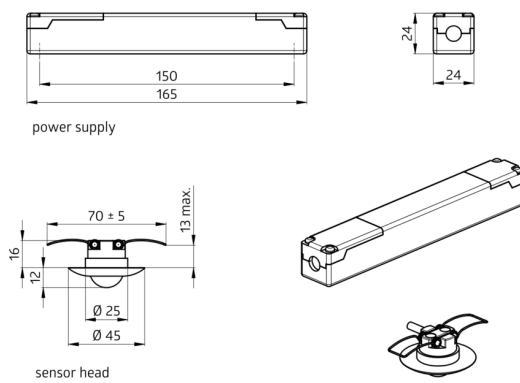
Software is backwards compatible with the first generation (except DSI, double lock and corridor function)

Factory setting 10 min follow-up time and 500 lux brightness set value

Spring clips for quick and easy installation in suspended ceilings and light fittings

Includes 45 mm cover ring and blinds

Power supply passes through the hole in the ceiling for the detector (34 mm Ø)



## Set items

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



### **PD9-M-DACO-FC DALI-2**

Art.No: 93470

Voltage: 230 V AC  $\pm 10\%$  50 Hz

Dimensions: Sensor head:  $\varnothing 45 \times 28$  mm, Power supply:  $165 \times 24 \times 24$  mm

Power consumption: approx. 2 W



### **Cover ring PD9 $\varnothing 36$ mm**

Art.No: 92238

Dimensions:  $\varnothing 36$  mm

Housing: polycarbonate, UV-resistant

Material color: white glossy