



## PD4N-CAS DALI-2 Set 93473-93742

CASAMBI-compatible PIR motion sensor with built-in DALI-2 bus power supply, 360° detection, and a range of up to Ø24m (450 m<sup>2</sup>)

### Order data

| Designation                           | Colour        | Art.No |
|---------------------------------------|---------------|--------|
| PD4N-CAS DALI-2                       | white         | 93473  |
| Corridor lens PD4N type A, Cover ring | traffic white | 93742  |

## Technical data

|                                           |                                                                                                                                                                                                                                                            |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Voltage:                                  | 230 V AC $\pm 10\%$<br>50 Hz                                                                                                                                                                                                                               |
| Dimensions:                               | $\varnothing$ 106 x 95 mm                                                                                                                                                                                                                                  |
| Settings:                                 | Casambi App                                                                                                                                                                                                                                                |
| Power consumption:                        | 0.5 W                                                                                                                                                                                                                                                      |
| Detection area:                           | <b>horizontal<br/>360° (Ceiling<br/>mounting)<br/>(93742)<br/><br/>max. <math>\varnothing</math> 40 m<br/>across<br/>max. <math>\varnothing</math> 20 m<br/>towards<br/>(93742)<br/><br/>250 m<sup>2</sup> / 2.5<br/>m mounting<br/>height<br/>(93742)</b> |
| Range:                                    | <b>2.4 m / 2.6 m /<br/>2.5 m (93742)</b>                                                                                                                                                                                                                   |
| Monitored area (tangential<br>movement):  |                                                                                                                                                                                                                                                            |
| Mounting height<br>min./max./recommended: | <b>2.4 m / 2.6 m /<br/>2.5 m (93742)</b>                                                                                                                                                                                                                   |
| Degree / class of<br>protection:          | IP20 / Class II                                                                                                                                                                                                                                            |
| Impact strength:                          | IK04                                                                                                                                                                                                                                                       |
| Ambient temperature:                      | -5 °C to +45 °C                                                                                                                                                                                                                                            |
| Housing:                                  | polycarbonate,<br>UV-resistant<br><br><b>traffic white<br/>mat, similar<br/>to RAL9016<br/>(93742)</b>                                                                                                                                                     |
| Material color:                           |                                                                                                                                                                                                                                                            |
| Number of PIR sensors:                    | 4                                                                                                                                                                                                                                                          |
| <b>Channel 1 (lighting<br/>control)</b>   |                                                                                                                                                                                                                                                            |
| DALI output:                              | 80 mA<br>(guaranteed),<br>125 mA (max.),<br>shut down<br>mechanism                                                                                                                                                                                         |
| Supported control gear:                   | DT0, DT5, DT6,<br>DT7, DT8                                                                                                                                                                                                                                 |
| Supported control devices:                | - (single<br>master)                                                                                                                                                                                                                                       |
| Follow-up time:                           | 1 sec – 60 min                                                                                                                                                                                                                                             |
| Brightness set value:                     | 1 – 4000 Lux                                                                                                                                                                                                                                               |
| Light measuring:                          | Mixed light<br>measuring                                                                                                                                                                                                                                   |

## Product information

Set : PD4N-CAS DALI-2 + Corridor lens PD4N type A,  
Cover ring traffic white mat, similar to RAL9016

Casambi-enabled occupancy detector

DALI-2 interface for controlling digital dimmable ECGs in  
broadcast/multicast mode

Integrated temperature monitoring and short-circuit detection

Version as single-master device, can be networked wirelessly

DALI output power can be increased with accessories

Bright LED indication for commissioning

Mixed light measurement with internal and external light  
sensor

Weighting between internal and external light sensor can be  
adapted to suit the application

Adjustment of the reflection factor and input of the luminosity  
for the display of the actual luminosity in the app

Extension of the detection area with additional B.E.G. Casambi  
devices possible

Individual adaption of detection sensitivity for each PIR sensor

Detection area can be restricted with blinds

Functions adjustable via Casambi app

Including pre-assembled spring clamp with strain relief and  
contact protection cap for recessed ceiling mounting

Accessory for surface mounting available

Accessories for wall mounting optionally available

Further accessories for colour matching optionally available



# CASAMBI



## Set items

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



### **PD4N-CAS DALI-2**

Art.No: 93473

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

Dimensions:  $\varnothing 106 \times 95$  mm

Settings: Casambi App



### **Corridor lens PD4N type A, Cover ring**

Art.No: 93742

Detection area: horizontal 360° (Ceiling mounting)

Range: max.  $\varnothing 40$  m across

max.  $\varnothing 20$  m towards

Monitored area (tangential movement): 250 m<sup>2</sup> / 2.5 m mounting height