B.E.G. LUXOMAT®




# PD4-M-2C-C-FC Set 92143-92199-92992

230V 2-channel PIR motion detector with 360° coverage and a detection area of up to 40x5m (250 m²), suitable for hallways and remote-controllable

## Order data

| Designation | Colour | Art.No |
|---|---|---|
| PD4-M-2C-C-FC | white | 92143 |
| Wire basket BSK (Ø 200 x 90 mm) | white | 92199 |
| Square design frame PD4-FC | pure white | 92992 |

## Areas of application

- corridors/hallways

## Technical data

| | |
|---|---|
| Voltage: | 110 – 240 V AC 50 / 60 Hz |
| Dimensions: | **Ø 200 x 90 mm (92199)** |
| Power consumption: | < 0.5 W |
| Detection area: | horizontal 360° (Ceiling mounting) |
| Range: | max. Ø 40 m across<br>max. Ø 20 m towards |
| Monitored area (tangential movement): | 250 m² / 2.5 m mounting height |
| Mounting height min./max./recommended: | 2.4 m / 2.6 m / 2.5 m |
| Degree / class of protection: | IP20 / Class II |
| Impact strength: | **IK09 (92199)** |
| Ambient temperature: | -25 °C to +50 °C |
| Housing: | **polycarbonate, UV-resistant + coated steel basket (92199)** |
| Material color: | white mat, similar to RAL9010 |
| **Channel 1 (lighting control)** | |
| Switching power: | 2300 W, cos φ = 1<br>1150 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 |
| Follow-up time: | 15 sec – 30 min, Pulse |
| Switch-on threshold: | 10 – 2000 Lux |
| **Channel 2 (HVAC control potential-free (dry))** | |
| Switching power: | 3 A (230 V), cos φ = 1 |
| Type of contact: | 1x µ-contact, dry NO contact |
| Follow-up time: | 5 min – 120 min, Alarm pulse, Pulse |
| Light measuring: | Mixed light measuring |

## Product information

Set : PD4-M-2C-C-FC + Wire basket BSK (Ø 200 x 90 mm) white + Square design frame PD4-FC pure white mat, similar to RAL9010

Occupancy detector designed for corridors

One channel for light switching

One additional potential-free (dry) contact for HVAC

Version as master device

Detection area can be extended by using slave devices

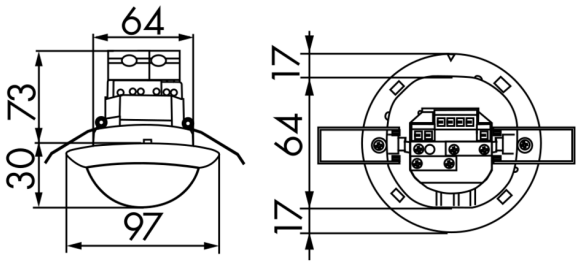
Manual switching via push-button possible

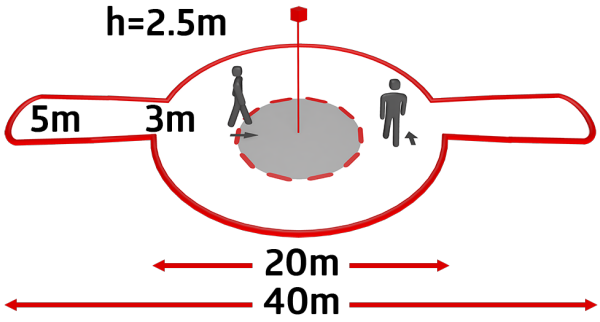
Alarm pulse: the detector triggers only when three movements are detected within 9 seconds

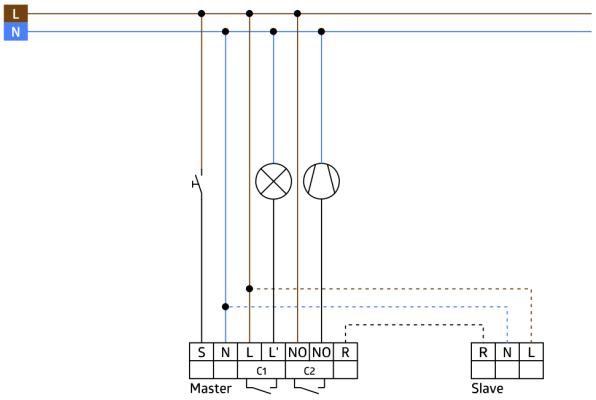
Additional functions can be set up using the optional remote control.

There are markings to ensure correct alignment during installation

Factory settings 10 min and 500 lux (15 min HVAC)


64
73
30
97
17
64
17


h=2.5m
5m
3m
20m
40m


L
N
S
N
L
L'
NO
NO
R
C1
C2
Master
R
N
L
Slave

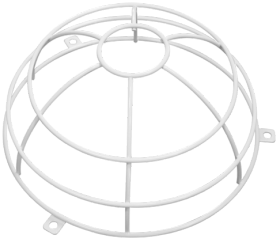
## Set items

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



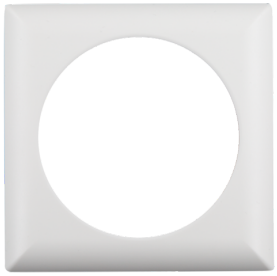
**PD4-M-2C-C-FC**
Art.No: 92143

Voltage: 110 – 240 V AC 50 / 60 Hz
Dimensions: Ø 97 x 103 mm
Power consumption: < 0.5 W



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

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



**Square design frame PD4-FC**
Art.No: 92992

Dimensions: 101 x 101 x 11.8 mm
Housing: polycarbonate, UV-resistant
Material color: pure white mat, similar to RAL9010