

**B.E.G.****LUXOMAT®**

## PD4-M-DIM-HVAC-3A-FC

Prod.No. 92507 EAN: 4007529925070

- Voltage: 110 - 240 V AC 50 / 60 Hz
- Dimensions: Ø 97 x 103 mm
- Power consumption: approx. 0.6 W

### Areas of application

- corridors/hallways

### Order data

Designation	Colour	Art.No
PD4-M-DIM-HVAC-3A-FC	white	92507

### Accessories

Designation	Colour	Art.No
BLE-IR-Adapter	black	93067
IR-PD-DIM-HVAC		92114
IR-PD-DIM-Mini	-	92098
Wire basket BSK (Ø 200 x 90 mm)	white	92199
RC-Arc extinction kit	white	10880
Mini-RC-Arc extinction kit		10882
Square design frame PD4-FC	pure white	92992

## Technical data

Voltage:	110 - 240 V AC 50 / 60 Hz
Dimensions:	Ø 97 x 103 mm
Power consumption:	approx. 0.6 W
Detection area:	horizontal 360° (Ceiling mounting) max. Ø 24 m across max. Ø 8 m towards max. Ø 6.4 m seated
Range:	
Monitored area (tangential movement):	450 m <sup>2</sup> / 2.5 m mounting height
Mounting height min./max./recommended:	2 m / 10 m / 2.5 m
Degree / class of protection:	IP20 / Class II
Impact strength:	IK04
Ambient temperature:	-25 °C to +50 °C
Housing:	polycarbonate, UV-resistant
Material color:	white mat, similar to RAL9010

### Channel 1 (lighting control)

Switching power:	2300 W, cos $\phi$ = 1 1150 VA, cos $\phi$ = 0.5 300 W LED max. inrush current Ip (20 ms) = 165 A max. inrush current Ip (200 $\mu$ s) = 800 A
Type of contact (k):	1x $\mu$ -contact, NO contact with tungsten pre-make contact
DIM output:	1 - 10 V DC, up to 50 ballasts
Follow-up time:	1 min - 30 min
Brightness set value:	10 - 2000 Lux

### Channel 2 (HVAC control potential-free (dry))

Switching power:	PD4-M-DIM-HVAC-3A-FC: <b>3 A</b> , 230 V, cos $\phi$ = 1 PD4-M-DIM-HVAC-16A-FC: <b>16 A</b> , 230 V, cos $\phi$ = 1
Type of contact:	dry NO contact
Follow-up time:	5 min - 120 min, Alarm pulse, Pulse
Light measuring:	Mixed light measuring

## Product information

Occupancy detector for daylight-dependent lighting control

1 - 10 V interface for controlling analog, dimmable ballasts

Additional switching channel for the following function:  
Cut-Off (complete ECG switch-off to avoid standby losses).

One additional potential-free (dry) contact for HVAC

Manual switching and dimming via push button possible

Orientation light function

Version as master device

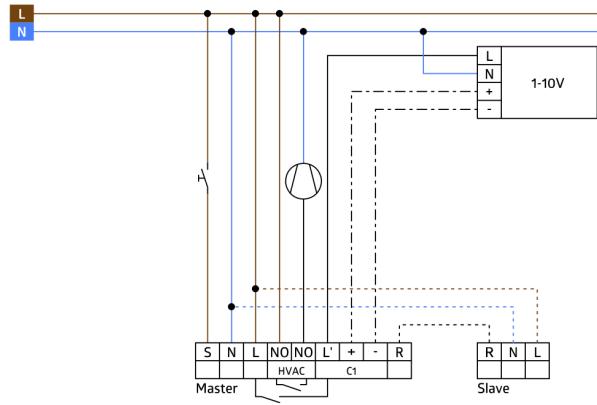
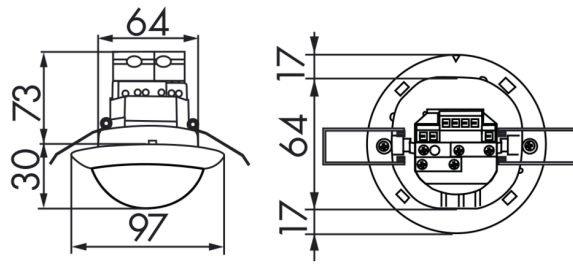
Detection area can be extended by using slave devices

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

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

Avoidance of standby losses of the lighting system in accordance with EnEV DIN V 18599-4

**Application examples:**  
corridors/hallways

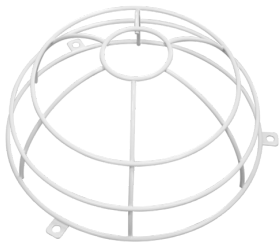


## Accessories



**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



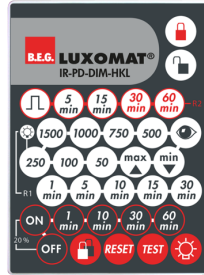
**Wire basket BSK (Ø 200 x 90 mm)**  
Art.No: 92199

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



**IR-PD-DIM-HVAC**  
Art.No: 92114

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



**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



**IR-PD-DIM-Mini**  
Art.No: 92098

Battery: 3.0 V Lithium CR2032 (inclusive)  
Dimensions: 57 x 35 x 7 mm  
Material color: -



**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