

B.E.G.**LUXOMAT®**

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

Prod.No. 92507 EAN: 4007529925070

- Voltage: 110 – 240 V AC 50 / 60 Hz
- Dimensions: FC= 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:	FC= 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 m² / 2.5 m mounting height
Mounting height min./max./recommended:	2 m / 10 m / 2.5 m
Degree / class of protection:	FC= 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)	
	2300 W, $\cos \varphi = 1$ 1150 VA, $\cos \varphi = 0.5$ 300 W LED max. inrush current I_p (20 ms) = 165 A max. inrush current I_p (200 µs) = 800 A
Switching power:	
Type of contact (k):	1x µ-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))	
	PD4-M-DIM-HVAC-3A-FC: 3 A, 230 V, $\cos \varphi = 1$ PD4-M-DIM-HVAC-16A-FC: 16 A, 230 V, $\cos \varphi = 1$
Switching power:	
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

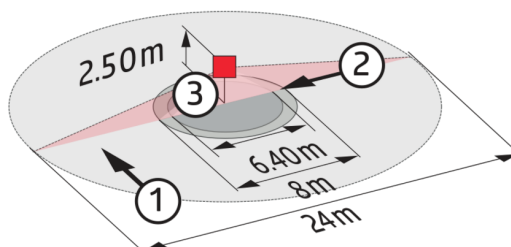
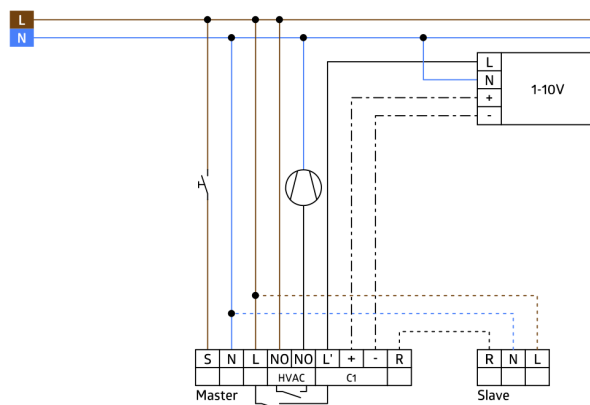
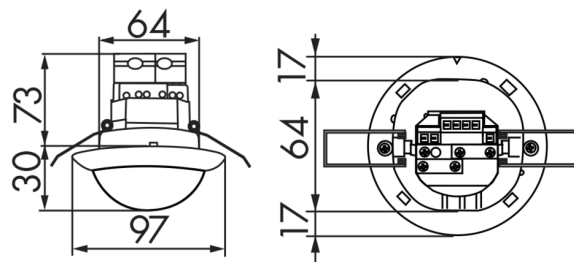
Detection area can be extended by using slave devices

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



Order data

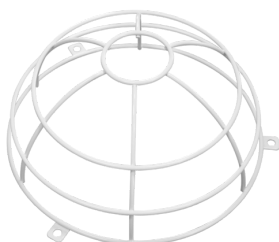
Designation	Colour	Art.No	EAN
PD4-M-2C-DS-FC-92760	white	92760	4007529927609
PD4-M-2C-FC-92148	white	92148	4007529921485
PD4-M-2C-DUO-FC-92251	white	92251	4007529922512

Accessories



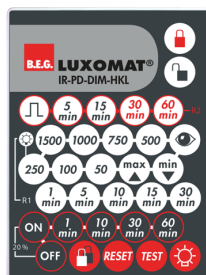
BLE-IR-Adapter
Art.No: 93067

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



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



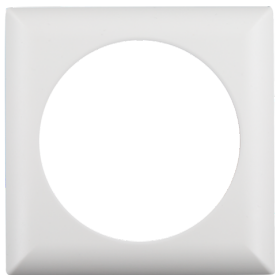
IR-PD-DIM-Mini
Art.No: 92098

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



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