B.E.G. LUXOMAT®



PD4-M-2C-C-FC

Prod.No. 92143 EAN: 4007529921430

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

Areas of application

- corridors/hallways

Accessories

Designation	Colour	Art.No
RC-Arc extinction kit	white	10880
Mini-RC-Arc extinction kit		10882
BLE-IR-Adapter	black	93067
IR-PD-2C	-	92475
IR-PD-Mini	-	92159
Wire basket BSK (Ø 200 x 90 mm)	white	92199
Square design frame PD4-FC	pure white	92992
Blinds PD4	transparent	92313

Technical data

Voltage:	110 – 240 V AC 50 / 60 Hz
Dimensions:	Ø 97 x 103 mm
Power consumption:	< 0.5 W
Detection area:	horizontal 360° (Ceiling mounting)
Range:	max. Ø 40 m across 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:	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 φ = 1 1150 VA, cos φ = 0.5 800 W LED max. inrush current Ip (20 ms) = 165 A 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

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

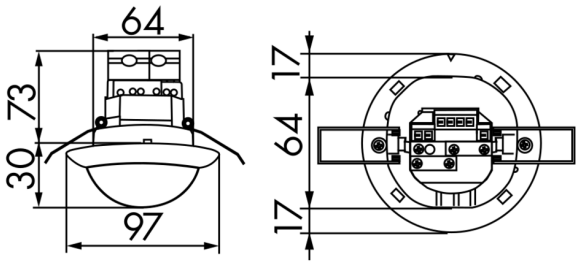
Alarm pulse: the detector triggers only when three movements are detected within 9 seconds

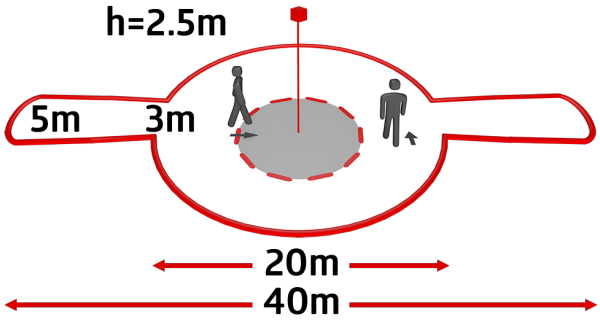
Additional functions can be set up using the optional remote control.

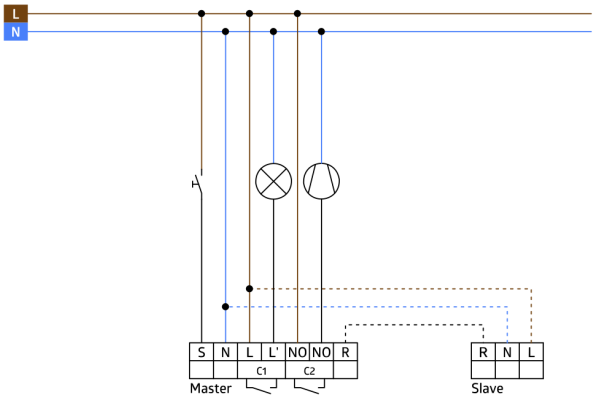
There are markings to ensure correct alignment during installation

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

Application examples:
corridors/hallways


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

Accessories



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



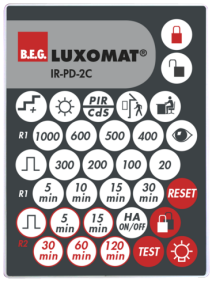
Mini-RC-Arc extinction kit
Art.No: 10882

Voltage: 230 V AC ±10%
Dimensions: 50 x 23 x 8 mm
Degree / class of protection: IP20 / Class II



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



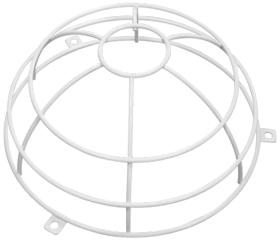
IR-PD-2C
Art.No: 92475

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



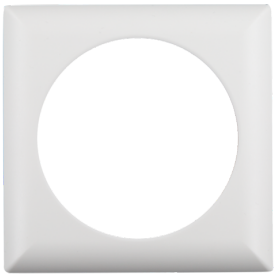
IR-PD-Mini
Art.No: 92159

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



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



Blinds PD4
Art.No: 92313

Housing: Housing UV- and shockresistant Polycarbonate
Material color: transparent