B.E.G. LUXOMAT®



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

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
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 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

Set : PD4-M-2C-C-FC + 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

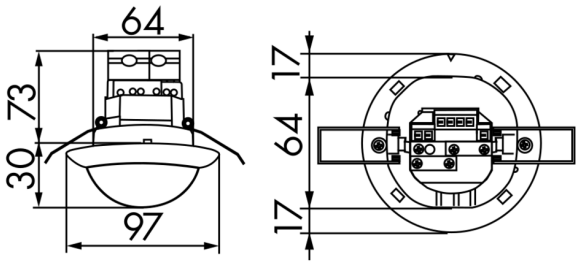
Manual switching via push-button possible

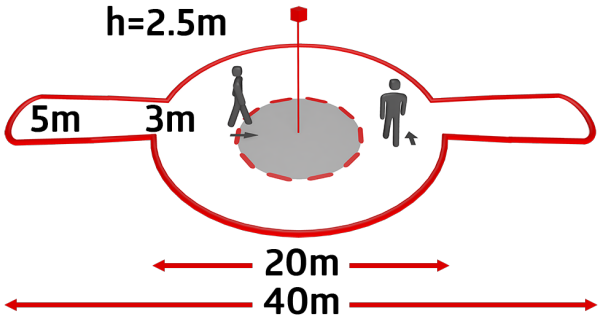
Alarm pulse: the detector triggers only when three movements are detected within 9 seconds

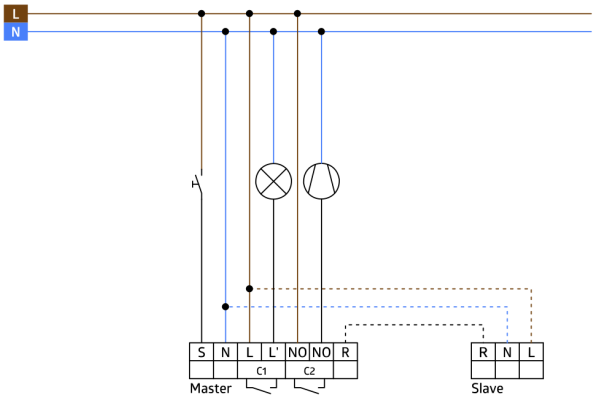
Additional functions can be set up using the optional remote control.

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

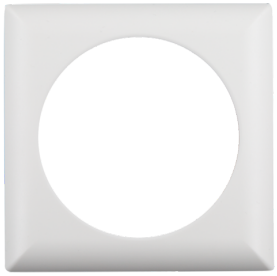
Set items

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



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