B.E.G. LUXOMAT®



PD4-M-DUO-DIM-FC

92272 EAN: 4007529922727

Occupancy detector for two separate lighting groups, for daylight-dependent lighting control

Two 1-10 V interfaces for control of dimmable electronic ballasts

One common detection area

Order data

Designation	Colour	Art.No
PD4-M-DUO-DIM-FC	white	92272

Accessories

Designation	Colour	Art.No
BLE-IR-Adapter	black	93067
IR-PDim	-	92200
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

Areas of application

- open-plan offices
- conference rooms
- classrooms/seminar rooms

Technical data

Voltage:	110 – 240 V AC 50 / 60 Hz
Dimensions:	Ø 97 x 103 mm
Power consumption:	approx. 0.5 W
Detection area:	horizontal 360° (Ceiling mounting)
Range:	max. Ø 24 m across max. Ø 8 m towards max. Ø 6.4 m seated
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:	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 and Channel 2 (lighting control)	
Switching power:	2300 W, cos φ = 1 1150 VA, cos φ = 0.5 300 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
DIM output:	2 dim outputs 1-10 V DC, up to 25 ballasts per channel
Follow-up time:	1 min – 30 min
Brightness set value:	10 – 2000 Lux
Light measuring:	Mixed light measuring

Product information

Occupancy detector for two separate lighting groups, for daylight-dependent lighting control

Two 1-10 V interfaces for control of dimmable electronic ballasts

One common detection area

Two independent, movable light sensors

Manual switching and dimming via push button possible

Orientation light function

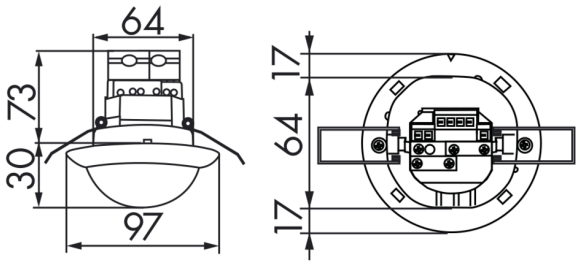
Relay with tungsten pre-make contact, optimised for LED loads

Version as master device

Detection area can be extended by using slave devices

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

Application examples:
open-plan offices, conference rooms, classrooms/seminar rooms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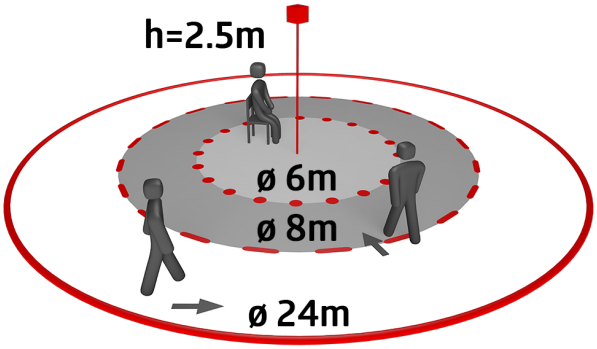
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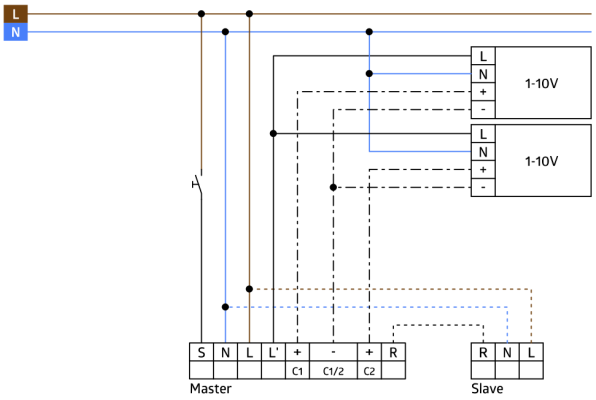
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1-10V
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1-10V
S N L L' + - + R
C1 C1/2 C2
Master
R N L
Slave

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



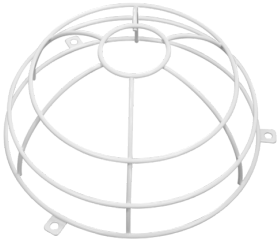
IR-PDim
Art.No: 92200

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



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

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



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