B.E.G. LUXOMAT®



PD4-M-2C-DUO-SM

92158 EAN: 4007529921584

Occupancy detector for two separate lighting groups

One common detection area

Two independent, movable light sensors

Order data

Designation	Colour	Art.No
PD4-M-2C-DUO-SM	white	92158

Areas of application

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

Accessories

Designation	Colour	Art.No
RC-Arc extinction kit	white	10880
Mini-RC-Arc extinction kit		10882
BLE-IR-Adapter	black	93067
IR-PD-DUO	-	92092
Wire basket BSK (Ø 200 x 90 mm)	white	92199
Wall holder PD4-SM	white	92441
Pendulum mounting set PD2/3/4 SM	jet black	93193
Pendulum mounting set PD2/3/4 SM	white	93179

Technical data

Voltage:	110 – 240 V AC 50 / 60 Hz
Dimensions:	Ø 117 x 68 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:	IP54 / 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:	1 min – 30 min
Switch-on threshold:	10 – 2000 Lux
Channel 2 (lighting control potential-free (dry))	
Switching power:	2300 W, cos φ = 1 1150 VA, cos φ = 0.5 300 W LED max. inrush current Ip (20 ms) = 165 A, Ip (200 µs) = 800 A
Switch-on threshold:	10 – 2000 Lux

Product information

Occupancy detector for two separate lighting groups

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Two independent, movable light sensors

Manual switching via two push-buttons possible

Version as master device

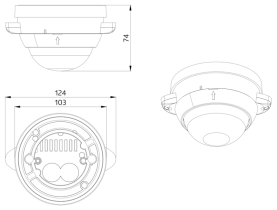
Detection area can be extended by using slave devices

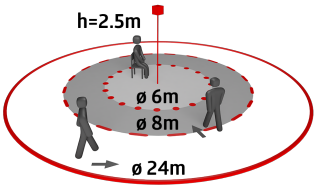
Additional functions can be set up using the optional remote control.

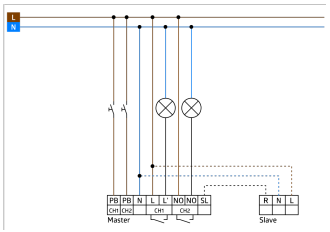
Factory settings 10 min and 500 lux

Application examples:
open-plan offices, conference rooms, classrooms/seminar rooms

Type of contact:	1x µ-contact, dry NO contact with tungsten pre-make contact
Follow-up time:	1 min – 30 min
Light measuring:	Mixed light or daylight measuring







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



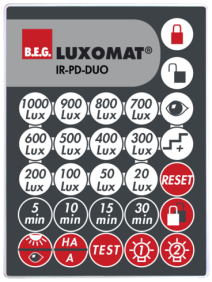
Mini-RC-Arc extinction kit
Art.No: 10882

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



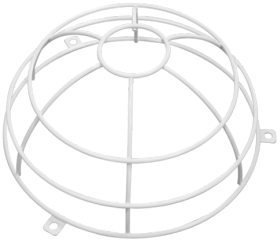
BLE-IR-Adapter
Art.No: 93067

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



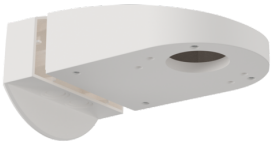
IR-PD-DUO
Art.No: 92092

Battery: 3.0 V Lithium CR2032 (inclusive)
Dimensions: 80 x 60 x 8 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



Wall holder PD4-SM
Art.No: 92441

Dimensions: 130 x 100 x 53 mm
Housing: polycarbonate, UV-resistant
Material color: white



Pendulum mounting set PD2/3/4 SM
Art.No: 93193

Dimensions: 1 : Ø 113 x 79 mm, 2 : Ø 113 x 34 mm
Housing: polycarbonate, UV-resistant
Material color: jet black, similar to RAL9005



Pendulum mounting set PD2/3/4 SM
Art.No: 93179

Dimensions: 1 : Ø 113 x 79 mm, 2 : Ø 113 x 34 mm
Housing: polycarbonate, UV-resistant
Material color: white, similar to RAL9010