

B.E.G.**LUXOMAT®**

PD2-M-2C-FM

Prod.No. 92155 EAN: 4007529921553

230V 2-channel PIR motion detector with 360° detection and a range of up to Ø10m (78 m²), remote-controlled

Areas of application

- entrance halls
- small offices
- corridors/hallways
- toilets
- equipment rooms
- open-plan offices
- conference rooms

Order data

| Designation | Colour | Art.No |
|-------------|--------|--------|
| PD2-M-2C-FM | white | 92155 |

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 |
| Blinds PD2-SM | | 92260 |

Technical data

| | |
|---|---|
| Voltage: | 110 – 240 V AC 50 / 60 Hz |
| Dimensions: | Ø 98 x 65 mm |
| Power consumption: | approx. 0.5 W |
| Detection area: | horizontal 360° (Ceiling mounting) max. Ø 10 m across max. Ø 6 m towards max. Ø 4 m seated |
| Range: | |
| Monitored area (tangential movement): | 78 m ² / 2.5 m mounting height |
| Mounting height min./max./recommended: | 2 m / 5 m / 2.5 m |
| Degree / class of protection: | IP20 / Class II |
| Impact strength: | IK05 |
| 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, $\cos \varphi = 1$ 1150 VA, $\cos \varphi = 0.5$ 800 W LED max. inrush current I_p (20 ms) = 165 A max. inrush current I_p (200 μ s) = 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))

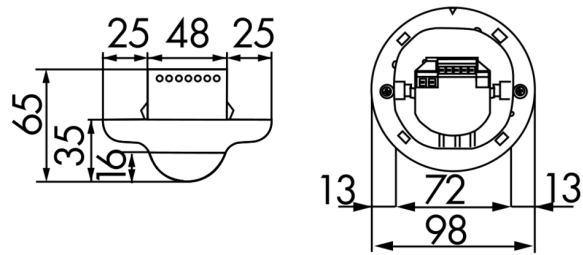
| | |
|------------------|--------------------------------------|
| Switching power: | 3 A (230 V), $\cos \varphi = 1$ |
| Type of contact: | 1x μ -contact, dry NO contact |
| Follow-up time: | 5 min – 120 min, Alarm pulse, Pulse |
| Light measuring: | Mixed light measuring |

Product information

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| Occupancy detector with circular detection area |
| 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. |
| Factory settings 10 min and 500 lux (15 min HVAC) |
| Zero crossing switching |

Application examples:

entrance halls, small offices, corridors/hallways, toilets, equipment rooms, open-plan offices, conference rooms



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



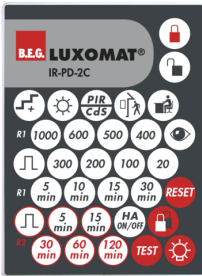
Mini-RC-Arc extinction kit
Art.No: 10882

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



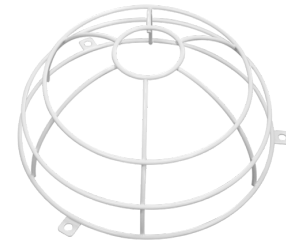
IR-PD-2C
Art.No: 92475

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



Blinds PD2-SM
Art.No: 92260

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