B.E.G. LUXOMAT®




# RC-plus next N 230

Prod.No. 93333 EAN: 4007529933334

230V PIR outdoor motion detector with a 230° detection angle and a range of up to 20 m (800 m²), featuring anti-creep protection and remote control capability

## Order data

| Designation | Colour | Art.No |
|---|---|---|
| RC-plus next N 230 | black | 93333 |

## Areas of application

- outdoor areas (entrances/access roads)
- parking areas
- underground car parks
- high-bay warehouse

## Accessories

| Designation | Colour | Art.No |
|---|---|---|
| RC-Arc extinction kit | white | 10880 |
| Mini-RC-Arc extinction kit | | 10882 |
| BLE-IR-Adapter | black | 93067 |
| IR-RC | - | 92000 |
| IR-RC-LD | - | 92649 |
| IR-RC-Mini | - | 92090 |
| Wire basket BSK (Ø 164 x 143 mm) | white | 92467 |
| Outside corner socket RC-plus next | black | 97024 |
| Inside corner socket RC-plus next | white | 97005 |
| Pole holder | stainless steel | 93220 |
| Wall holder | white | 93222 |
| Wall holder | anthracite | 93221 |
| Blinds RC-plus next | | 32697 |

## Technical data

| | |
|---|---|
| Voltage: | 110 – 240 V AC 50 / 60 Hz (can also be supplied with other operating voltages ON request) |
| Dimensions: | 121 x 71 x 85 mm |
| Power consumption: | approx. 0.5 W |
| Detection area: | horizontal 230° (Wall mounting) |
| Range: | max. 20 m across<br>max. 6 m towards<br>max. 4 m anti-creep protection |
| Monitored area (tangential movement): | 800 m² / 2.5 m mounting height |
| Mounting height min./max./recommended: | 2 m / 5 m / 2.5 m |
| Degree / class of protection: | IP54 / Class II |
| Impact strength: | IK03 |
| Ambient temperature: | -25 °C to +50 °C |
| Housing: | polycarbonate, UV-resistant |
| Material color: | black mat, similar to RAL9005 |
| **Channel 1 (lighting control)** | |
| Switching power: | 3000 W, cos φ = 1<br>1500 VA, cos φ = 0.5<br>800 W LED<br>max. inrush current Ip (20 ms) = 165 A<br>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 – 16 min, Pulse |
| Switch-on threshold: | 2 – 500 Lux |

## Product information

Motion detector with 230° detection area and creep protection

Mechanical range adjustment

Different follow-up time depending on direction of movement

Uninterrupted parallel circuit detection of several detectors

Manual switching via push-button possible

Adjustable ball head

Immediate operation using factory settings

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

Zero crossing switching

Socket compatible to RC-plus (next) and Vario

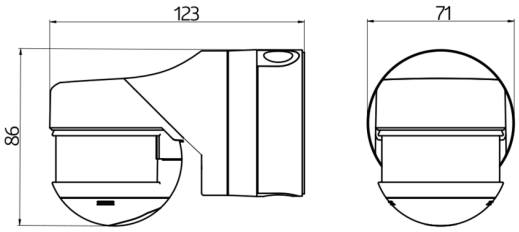
Faulty switching due to animals can be avoided by reducing the sensitivity

Easy mounting thanks to plug base

Wall, ceiling and corner mounting

Factory settings 3 min and 20 lux

**Application examples:**
outdoor areas (entrances/access roads), parking areas, underground car parks, high-bay warehouse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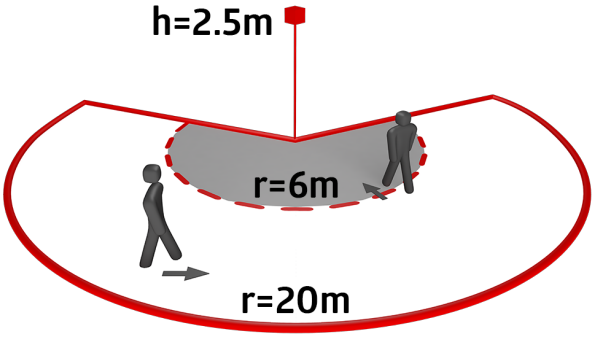
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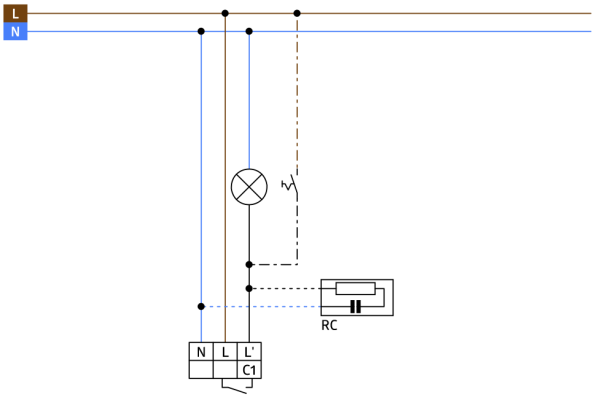
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## Accessories



**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-RC**
Art.No: 92000

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




**IR-RC-LD**
Art.No: 92649

Battery: 3 x 1.5 V Micro AAA (not included)
Dimensions: 83 x 53 x 17 mm
Material color: -



**IR-RC-Mini**
Art.No: 92090

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



**Wire basket BSK (Ø 164 x 143 mm)**
Art.No: 92467

Dimensions: Ø 164 x 143 mm
Impact strength: IK09
Housing: coated steel basket



**Outside corner socket RC-plus next**
Art.No: 97024

Dimensions: Ø 71 x 34 mm
Degree / class of protection: IP54
Housing: polycarbonate, UV-resistant



**Inside corner socket RC-plus next**
Art.No: 97005

Dimensions: 60 x 61 x 68 mm
Degree / class of protection: IP54
Housing: Housing UV- and shockresistant



**Pole holder**
Art.No: 93220

Dimensions: 188 x 98 x 134 mm
Housing: stainless steel
Material color: stainless steel



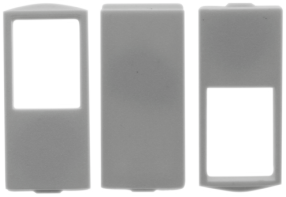
**Wall holder**
Art.No: 93222

Dimensions: 188 x 98 x 134 mm
Material color: white



**Wall holder**
Art.No: 93221

Dimensions: 188 x 98 x 134 mm
Material color: anthracite



**Blinds RC-plus next**
Art.No: 32697

Housing: polycarbonate, UV-resistant
Material color: white