B.E.G. LUXOMAT®



RC-plus next N 230

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 max. 6 m towards 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 1500 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 – 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

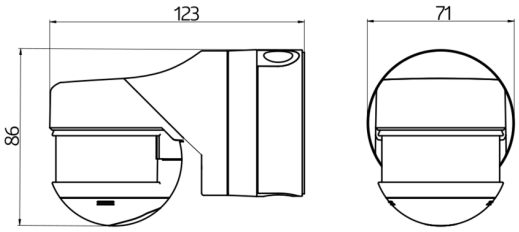
Faulty switching due to animals can be avoided by reducing the sensitivity

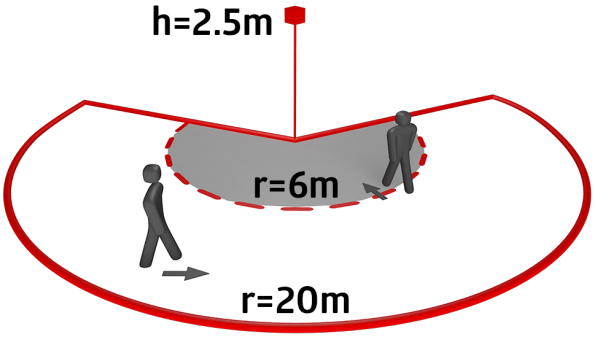
Easy mounting thanks to plug base

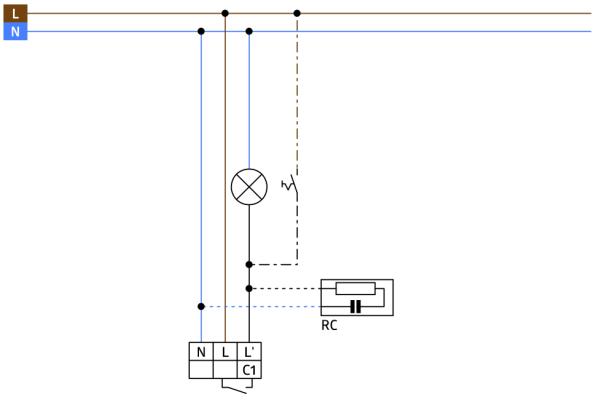
Wall, ceiling and corner mounting

Factory settings 3 min and 20 lux

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


123
71
86


h=2.5m
r=6m
r=20m


L
N
RC
N
L
L'
C1

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



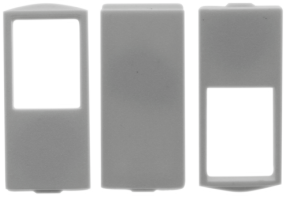
Wall holder
Art.No: 93222

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