B.E.G. LUXOMAT® net




# RC-plus next N 230 KNXs-DX Set 93527-97005

KNX PIR Outdoor Motion Detector (Deluxe) with 230° detection angle and a range of up to 20 m (800 m²), with anti-creep protection

## Order data

| Designation | Colour | Art.No |
|---|---|---|
| RC-plus next N 230 KNXs-DX | white | 93527 |
| Inside corner socket RC-plus next | white | 97005 |

## Technical data

| | |
|---|---|
| Voltage: | via KNX BUS |
| Dimensions: | **121 x 71 x 85 mm + 60 x 61 x 68 mm (97005)** |
| Typ. power input: | 17.5 mA |
| Detection area: | horizontal 230° (Wall mounting) |
| Range: | max. 20 m across<br>max. 6 m towards<br>max. 4 m 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 III |
| Impact strength: | IK03 |
| Ambient temperature: | -25 °C to +55 °C |
| Temperature measurement range: | -20 °C to +45 °C |
| Housing: | polycarbonate, UV-resistant |
| Material color: | white mat, similar to RAL9010 |
| Number of light sensors: | 1 |
| Number of PIR sensors: | 3 |
| KNX TP 256: | Yes |
| KNX Secure: | Yes |
| Orientation light: | 5 – 100 % / OFF / 1 min – 255 min |
| Night light: | 5 – 100 % |
| Brightness set value: | 5 – 2000 Lux |

## Product information

Set : RC-plus next N 230 KNXs-DX + Inside corner socket RC-plus next white mat, similar to RAL9010

KNX occupancy detector with integrated KNX bus connector

KNX Secure ready

Integrated downlight with orientation or a night light (RGB) function

HCL/RGB control

Parameterisation from ETS 5 for integration into KNX systems

Individual adaption of detection sensitivity for each PIR sensor

PIR sensors can be deactivated individually

Direction of movement can be identified

Mixed light measurement using internal and remote (optional) light sensors

Intelligent semi-automatic mode, occupancy-independent regulating mode (photoelectric switch), full automatic mode

1 x light output (for regulating or switching), 1 x slave output, 3 x HVAC outputs (separately programmable)

Regulation of up to three lighting groups using offset (external influence possible)

Short presence, self-adjusting follow-up time, corridor function

Various locking functions

Soft-start

Two logic modules

Recall of light scenes

Deactivatable status indicators

The product database for import into the ETS database can be downloaded from the B.E.G. homepage.

Creep protection

Detection area can be extended thanks to master-slave-mode

Extensive optimization options for light measurement

Measured light value is communicated to the bus

Adaption of dimming curve

Bidirectionally remote control-capable with the IR adapter and the B.E.G. smartphone app

PIN code

IR remote control-capable via IR remote control (optionally)

5 button remote control, programmable at choice (accessory)

Programming button (phys. address) can be operated via remote control

HVAC mode (0=automatic, 1=comfort, 2=stand-by, 3=economy, 4=antifreeze/heat protection)

Manual influence via external KNX push buttons possible

Function control (heartbeat, cyclical sending)

Occupancy simulation

Forced switch-off

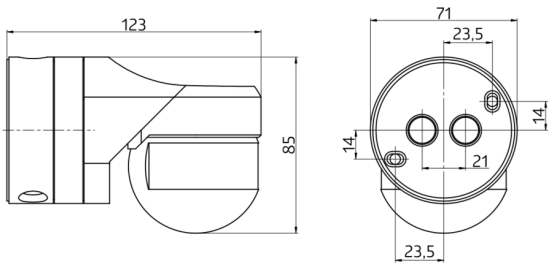
Intelligent central-off function

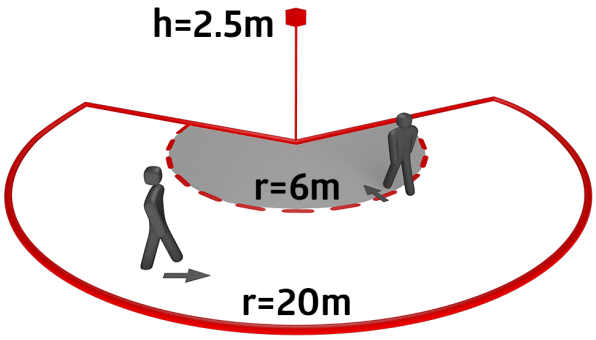
Premonition of switch-off

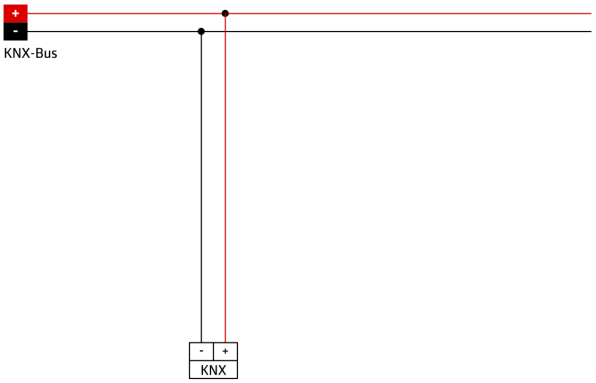
Burn-in function for fluorescent lamps selectable from 1h till 100h

Behaviour upon bus voltage return definable at choice

Variable safety pause after switching off the lights


123
85
71
23,5
14
14
21
23,5


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


+
-
KNX-Bus
-
+
KNX

## Set items

To receive the bundle according to the technical specification, please order the items listed.



**RC-plus next N 230 KNXs-DX**
Art.No: 93527

Voltage: via KNX BUS
Dimensions: 121 x 71 x 85 mm
Typ. power input: 17.5 mA



**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