B.E.G. LUXOMAT® net

RC-plus next N 230 KNX-DX

Prod.No. 93394 EAN: 4007529933945

- Voltage: via KNX BUS

- Dimensions: 121 x 71 x 85 mm

- Typ. power input: 12 mA

Order data

Designation	Colour	Art.No
RC-plus next N 230 KNX-DX		93394

Accessories

Designation	Colour	Art.No
BLE-IR-Adapter	black	93067
IR-PD-KNX	-	92123
IR-PD-KNX-Mini	-	93398
Wire basket BSK (Ø 164 x 143 mm)	white	92467
Outside corner socket RC-plus next	black	97024
Outside corner socket RC-plus next	brown	97014
Outside corner socket RC-plus next	white	97004
Outside corner socket RC-plus next	silver	97043
Inside corner socket RC-plus next	white	97005

Technical data

Voltage:	via KNX BUS
Dimensions:	121 x 71 x 85 mm
Typ. power input:	12 mA
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 III
Impact strength:	IK03
Temperature measurement range:	-20 °C to +45 °C
Ambient temperature:	-25 °C to +55 °C
Housing:	polycarbonate, UV-resistant
Number of light sensors:	1
Material color:	white, similar to RAL9010
Number of PIR sensors:	3
KNX TP 256:	Yes
Orientation light:	5 – 100 % / OFF / 1 min – 255 min
Night light:	5 – 100 %
Brightness set value:	5 – 2000 Lux

Product information

KNX occupancy detector with integrated KNX bus connector

1 x Light (for regulating or switching), 1 x slave output, 3 separate HVAC-blocs

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

Two logic modules

Individual adaption of detection sensitivity for each PIR sensor

Direction of movement can be identified

Anti-creep zone

Measuring of mixed light thanks to internal light sensor

Various locking functions

Status LEDs can be activated / deactivated

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

Regulation/switching of three light groups via offset (external influence possible)

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

Recall of light scenes

Temperature sensor

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

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

5 button remote control, programmable at choice (accessory)

Occupancy simulation

PIR sensors can be deactivated individually

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

Extensive optimization options for light measurement

Measured light value is communicated to the bus

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

PIN code

Manual influence via external KNX push buttons possible

Function control (heartbeat, cyclical sending)

Forced switch-off

Intelligent central-off function

Premonition of switch-off

Behaviour upon bus voltage return definable at choice

Variable safety pause after switching off the lights

Settings ex ETS 4 for integration in KNX systems

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

Adaption of dimming curve

Determination of the reflection factor, e.g. on a desk, with the optional BLE-IR-Adapter

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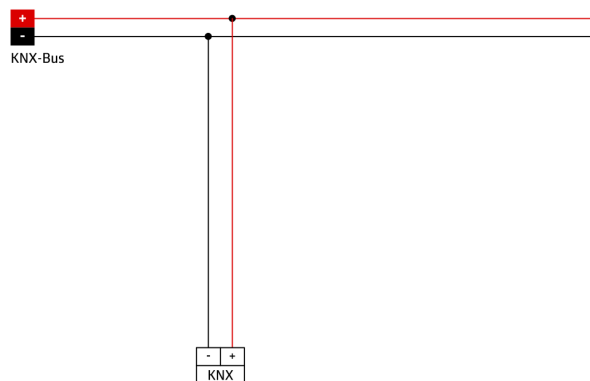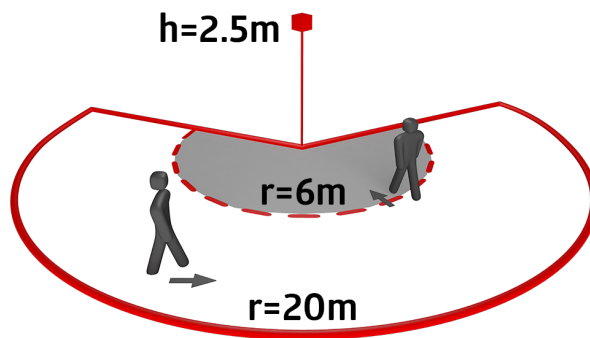
Soft-start

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

Blinds

Wall, ceiling and corner mounting

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
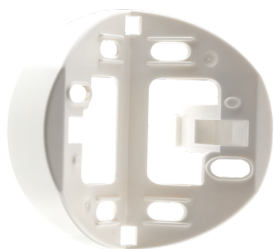
+
-
KNX-Bus

- +
KNX

Accessories

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-KNX
Art.No: 92123

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

IR-PD-KNX-Mini
Art.No: 93398

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

Outside corner socket RC-plus next
Art.No: 97014

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

Outside corner socket RC-plus next
Art.No: 97004

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

Outside corner socket RC-plus next
Art.No: 97043

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