



RC-plus next N 230 KNXs-DX

Prod.No. 93527 EAN: 4007529935277

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

Accessories

Designation	Colour	Art.No
BLE-IR-Adapter	black	93067
IR-Adapter for Smartphones	black	92726
IR-PD-KNX	-	92123
IR-PD-KNX-Mini	-	93398
Wire basket BSK (Ø 164 x 143 mm)	white	92467
Inside corner socket RC-plus next	white	97005
Outside corner socket RC-plus next	white	97004
Pole holder with weather protection	stainless steel	93220
Wall holder with weather protection	white	93222
Wall holder with weather protection	anthracite	93221

Technical data

Voltage:	via KNX BUS
Dimensions:	121 x 71 x 85 mm
Typ. power input:	17.5 mA
Detection area:	horizontal 230° (Wall mounting) max. 20 m across max. 6 m towards max. 4 m creep protection
Range:	800 m ² / 2.5 m mounting height
Monitored area (tangential movement):	2 m / 5 m / 2.5 m
Mounting height min./max./recommended:	IP54 / Class III
Degree / class of protection:	IK03
Impact strength:	-25 °C to +55 °C
Ambient temperature:	-20 °C to +45 °C
Temperature measurement range:	polycarbonate, UV-resistant
Housing:	white mat, similar to RAL9010
Material color:	1
Number of light sensors:	3
Number of PIR sensors:	Yes
KNX TP 256:	Yes
KNX Secure:	5 – 100 % / OFF / 1 min – 255 min
Orientation light:	5 – 100 %
Night light:	5 – 2000 Lux
Brightness set value:	

Product information

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

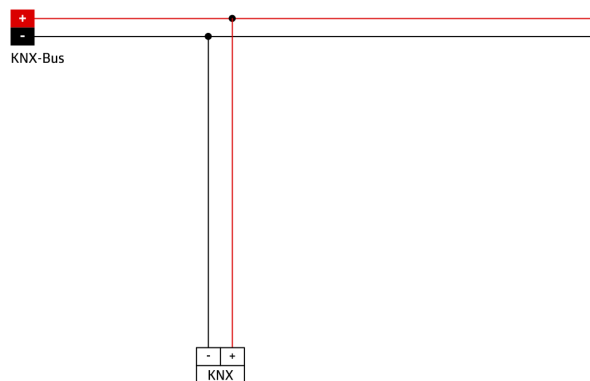
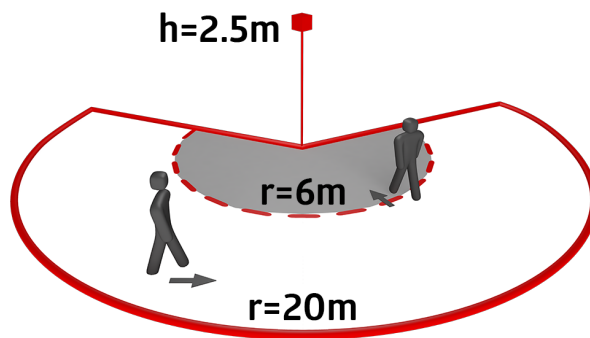
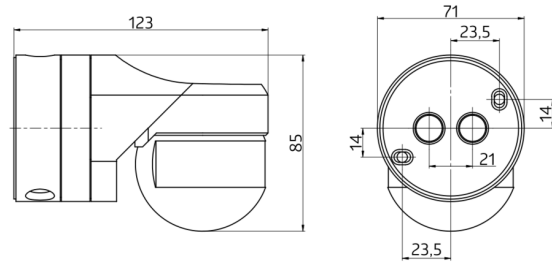
Burn-in function for fluorescent lamps selectable from 1h till 100h

Behaviour upon bus voltage return definable at choice

Variable safety pause after switching off the lights

Application examples:

monitoring a whole side of a building, warehouses, ramps or garages



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-Adapter for Smartphones

Art.No: 92726

Dimensions: 47 x 19 x 10 mm
Degree / class of protection: IP20
Ambient temperature: -20 °C to +40 °C



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

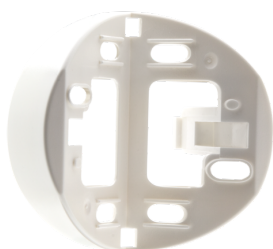
Dimensions: Ø 164 x 143 mm
Impact strength: IK09
Housing: coated steel basket



Inside corner socket RC-plus next

Art.No: 97005

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



Outside corner socket RC-plus next

Art.No: 97004

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



Pole holder with weather protection

Art.No: 93220

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



Wall holder with weather protection

Art.No: 93222

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

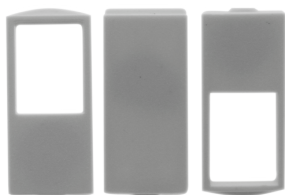


Wall holder with weather protection

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