



## RC-plus next N KNXs-DX 230

Prod.No. 93528 EAN: 4007529935284

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

### Order data

Designation	Colour	Art.No
RC-plus next N KNXs-DX 230	black	93528

### 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	black	97024
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 <sup>2</sup> / 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:	-20 °C to +45 °C
Temperature measurement range:	-25 °C to +55 °C
Ambient temperature:	polycarbonate, UV-resistant
Housing:	black mat, similar to RAL9005
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: Housing UV- and shockresistant



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

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

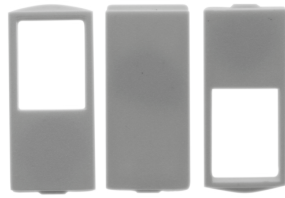
Dimensions: 188 x 98 x 134 mm  
Material color: white



**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