



85346131



2.2 m

IP20

KNX radio motion detector comfort 2.2 m quicklink Berker R.1/R.3/R.8/Serie 1930/R.classic, black glossy

Technical features

Functions

- μ -processor controlled mode of operation
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value, brightness display, movement scene loading, no movement scene loading
- reset function (to factory setting)
- Party function for switching on for 2 hours
- with memory function for presence simulation
- with keylock
- Switch-off pre-warning on dimmer inserts
- Teach function for response brightness via button
- scene opening via KNX radio appliances
- scene saving lockable
- quicklink functions: switching, dimming, 2 scenes, time switching, NO contact push-button, Memory, forced control, Master-Slave

Compatibility

- optional operation of extension units using installation push-button

Controls and indicators

- remote control via quicklink transmitter
- with configuration and function button
- with button for on/off/automatic/memory/party function

Connectivity

| | |
|-------------------|-----------|
| Radio protocol | KNX Radio |
| Receiver category | 2 |

Frequency

| | |
|------------------------------|-----------|
| Radio transmission frequency | 868,3 MHz |
|------------------------------|-----------|

Power

| | |
|--------------------------|---------|
| Radio transmission power | < 10 mW |
|--------------------------|---------|

Measurement

| | |
|--|---------------------------------|
| Relative humidity (without condensation) | 0...65 % (without condensation) |
| Detection field, rectangular shaped | $\approx 8 \times 12$ m |

Reach distance

| | |
|---|--------------------|
| Range, frontal | ≈ 8 m |
| Range, frontal (at 1.1 m installation height) | ≈ 4 m |
| Range, side | each ≈ 6 m |
| Range, side (at 1.1 m installation height) | each ≈ 3 m |

Detection

| | |
|----------------------------|-----------------------------------|
| Number of detection levels | 2 |
| Detection angle, settable | each side $\approx 45...90^\circ$ |

Materials

| | |
|-----------------------|----------------------|
| Colour of design line | black |
| RAL colour | RAL 9005 - Jet black |
| Material | thermoplastic |
| Surface appearance | glossy |

Dimensions

| | |
|-------------------------|---------|
| Assembling height | 34 mm |
| Nominal mounting height | 2,2 m |
| Diameter | 57,6 mm |

Lighting control

| | |
|---------------------------------|-----------------------------------|
| Response brightness, adjustable | ≈ 5...1000 lx , daytime operation |
|---------------------------------|-----------------------------------|

LED control

| | |
|-----|--|
| LED | LED application module/insert compatibility display, with configuration and function LEDs, with operation and status LED, red/green/orange |
|-----|--|

Connection

- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system

Settings

| | |
|---|-------------|
| Response sensitivity, settable | 10...100 % |
| Delay time, adjustable | ≈ 1 s...3 h |
| Switch-off pre-warning to dimming value 50% for | 30 s |

Equipment

| | |
|---------------------------|------------------------------|
| Number of radio channels | 1 |
| Number of quicklink links | max. 20 transmitter/receiver |
| Transmitter duty cycle | 1 % |

Safety

- with dismantling protection

Use conditions

| | |
|-----------------------|------------|
| Operating temperature | -5...45 °C |
|-----------------------|------------|

- low intrinsic energy requirement

Identification

| | |
|--------------------------|---|
| Application, usage | Motion detector, KNX radio- sensors |
| Main design line | Berker R.1/R.3/R.8/Serie 1930/R.classic |
| Secondary design line(s) | Electronics platform, Motion detector, Berker R.1, Berker R.3, Series R.classic, Serie 1930 |

Instructions

- Note:
When integrating this product into the Serie 1930, the 1gang frame for centre plate Ø 58 mm, order no.: 1382 0... may only be used. Installation in multiple combinations of the Serie 1930 is not possible!