



85345183



IP20

KNX radio motion detector comfort 1.1 m quicklink Berker S.1/B.3/B.7, aluminium, matt, lacquered

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 | $\approx 12 \times 16$ m |

Reach distance

| | |
|----------------|--------------------|
| Range, frontal | ≈ 12 m |
| Range, side | each ≈ 8 m |

Detection

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

Materials

| | |
|------------------------|----------------------------|
| Colour of design line | aluminium |
| RAL colour | RAL 9006 - White aluminium |
| Material / workmanship | lacquered |
| Material | thermoplastic |
| Surface appearance | matt |

Dimensions

| | |
|-------------------------|-------|
| Assembling height | 34 mm |
| Nominal mounting height | 1,1 m |

Lighting control

| | |
|---------------------------------|------------------------------------|
| Response brightness, adjustable | ≈ 5...1 000 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 S.1/B.3/B.7 |
| Secondary design line(s) | Electronics platform, Berker S.1, Berker B.3, Berker B.7 |

Instructions

| | |
|------------------|---|
| Information text | Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the motion detector. Only suitable for indoor areas! |
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