



85345185



IP20

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

### Technical features

#### Functions

- $\mu$ -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 | $\approx 12$ m     |
| Range, side    | each $\approx 8$ m |

#### Detection

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

### Materials

|                       |                       |
|-----------------------|-----------------------|
| Colour of design line | anthracite            |
| RAL colour            | RAL 7021 - Black grey |
| Material              | thermoplastic         |
| Surface appearance    | matt                  |

### Dimensions

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

### 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 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.<br>Only suitable for indoor areas! |
|------------------|---|