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IP20

**KNX radio motion detector comfort 2.2 m quicklink Berker Q.1/Q.3/Q.7/Q.9**

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 | ≈ 8 x 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 ≈ 45...90 ° |

**Materials**

| | |
|---|---|
| Colour of design line | white |
| RAL colour | RAL 1013 - Oyster white |
| Material | thermoplastic |
| Surface appearance | velvety |

**Dimensions**

| | |
|---|---|
| Assembling height | 34 mm |
| Nominal mounting height | 2,2 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 Q.1/Q.3/Q.7/Q.9 |
| Secondary design line(s) | Berker Q.1, Berker Q.3, Berker Q.7, Berker Q.9 |