85345183

1,1 m  quicklink  **IP20**

**KNX radio motion det. comf 1.1 m quicklink, S.1/B.7, al., matt, lacq.**

**Technical characteristics**

### Functions

| | |
|---|---|
| Mode of operation | µ-processor controlled mode of operation |
| ETS additional functions | ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value, brightness display, movement scene loading, no movement scene loading |
| Function | 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 |
| Light scenes | scene opening via KNX radio appliances ; scene saving lockable |
| Quicklink functions | quicklink functions: switching, dimming, 2 scenes, time switching, NO contact push-button, Memory, forced control, Master-Slave |

### Compatibility

| | |
|---|---|
| Extension unit | optional operation of extension units using installation push-button |

### Controls and indicators

| | |
|---|---|
| Operation | remote control via quicklink transmitter |
| Button / push-button | with configuration and function button ; with button for on/off/automatic/memory/party function |

### Connectivity

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

### Dimensions

| | |
|---|---|
| Assembling height | 34 mm |
| Nominal mounting height | 1.1 m |

### Frequency

| | |
|---|---|
| Radio transmission frequency | 868.3 MHz |

### Power

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

### Measurement

| | |
|---|---|
| Detection field, rectangular shaped | ≈ 12 x 16 m |

### Reach distance

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

## Detection

| | |
|---|---|
| Number of detection levels | 2 |
| Detection angle, settable | each side ≈ 45…90 ° |

## Materials

| | |
|---|---|
| Colour of design line | aluminium |
| Material / workmanship | lacquered |
| Surface appearance | matt |

## 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

| | |
|---|---|
| Bus 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

| | |
|---|---|
| REACH conform | No |
| RoHS conform | Yes |
| Halogen free | No |
| Protection | with dismantling protection |

## Use conditions

| | |
|---|---|
| Operating temperature | -5…45 °C |
| Energy-saving | low intrinsic energy requirement |
| Relative humidity (without condensation) | 0…65 % (without condensation) |

## 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! |

Subject to technical modifications