



85346182



IP20

## KNX radio motion det. comf 2.2 m quicklink, S.1, white glossy

### Technical properties

#### 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
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#### 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	2.2 m

#### Frequency

Radio transmission frequency	868.3 MHz
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#### Power

Radio transmission power	< 10 mW
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#### Measurement

Detection field, rectangular shaped	≈ 8 x 12 m
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#### 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
Surface appearance	glossy

### Lighting control

Response brightness, adjustable	≈ 5...1000 lx , daytime operation
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### LED control

LED	LED application module/insert compatibility display ; with configuration and function LEDs ; with operation and status LED, red/green/orange
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### Connection

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