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IP20

KNX radio motion detector comfort 2.2 m quicklink Berker R.1/R.3/R.8/Serie 1930/R.classic, polar white glossy

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
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Power

Radio transmission power	< 10 mW
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Measurement

Relative humidity (without condensation)	0...65 % (without condensation)
Detection field, rectangular shaped	$\approx 8 \times 12 \text{ m}$

Reach distance

Range, frontal	$\approx 8 \text{ m}$
Range, frontal (at 1.1 m installation height)	$\approx 4 \text{ m}$
Range, side	each $\approx 6 \text{ m}$
Range, side (at 1.1 m installation height)	each $\approx 3 \text{ m}$

Detection

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

Materials

Colour of design line	polar white
RAL colour	RAL 9010 - Pure white
Material	thermoplastic
Surface appearance	glossy

Dimensions

Assembling height	34 mm
Nominal mounting height	2,2 m
Diameter	57,6 mm

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

- 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 R.1/R.3/R.8/Serie 1930/R.classic
Secondary design line(s)	Electronics platform, Motion detector, Berker R.1, Berker R.3, Series R.classic, Serie 1930

Instructions

- Note:
When integrating this product into the Serie 1930, the 1gang frame for centre plate Ø 58 mm, order no.: 1382 0... may only be used. Installation in multiple combinations of the Serie 1930 is not possible!