85345126

IP20

KNX radio motion detector comfort 1.1 m quicklink Berker Q.1/Q.3/Q.7/Q.9, anthracite velvety, lacquered

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	≈ 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	anthracite
RAL colour	RAL 7021 - Black grey
Material / workmanship	lacquered
Material	thermoplastic
Surface appearance	velvety

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 Q.1/Q.3/Q.7/Q.9
Secondary design line(s)	Berker Q.1, Berker Q.3, Berker Q.7, Berker Q.9

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!