











KNX radio motion det. comf 1.1 m quicklink, R.1/R.3/1930/R.cl., p. white glossy

## **Technical properties**

			ns

Mode of operation	$\mu\text{-processor}$ 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 prewarning 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
Diameter	57.6 mm
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 ≈ 4590 °
Materials	
Colour of design line	polar white
RAL colour	RAL 9010 - Pure white
Surface appearance	glossy
Lighting control	
Response brightness, adjustable	$\approx 51000 \text{ lx}$ , 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	10100 %
Delay time, adjustable	≈ 1 s3 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

C	~£	~1	h.,
3	aп	е١	LУ

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

## **Use conditions**

Operating temperature	-545 °C
Energy-saving	low intrinsic energy requirement
Relative humidity (without condensation)	065 % (without condensation)

## 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 ; Serie 1930 ; Series R.classic

## Instructions

Special pata tout	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
Special note text  Information text	possible!  Continuous direct sunlight penetrating the upward- pointing detection plane can result in failure of the motion detector. Only suitable for indoor areas!