TRE521

IP55

Motion detector radio, with battery, IP55, anthacite

Technical properties

Architecture

Bus system	KNX

Functions

Lockout time	10 s
ETS additional functions	ETS additional functions: operating mode on/off, push-button, dimming value, brightness display, movement scene loading, no movement scene loading
Quicklink functions	quicklink functions: time switching, NO contact push-button

Connectivity

Number of binary inputs	1
Radio protocol	KNX Radio
Receiver category	2

Dimensions

Recommended installation height	2.5 m

Frequency

Radio transmission frequency	868.3 MHz

Power

Radio transmission power	< 10 mW

Measurement

Detection Method	Passive Infrared

Reach distance

Range, frontal	≈ 16 m

Battery

Battery service life [years]	≈ 4

Detection

Number of detection levels	2
Detection angle	220 °
Angle of vertical detection	100 °
Frontal detecting distance	16 m
Side detecting distance	10 m

Materials

RAL colour	RAL 7016 - Anthracite grey
Material	PC-ABS
Surface appearance	matt

Lighting control

Response brightness, adjustable	≈ 5...1000 lx , daytime operation

Installation, mounting

Maximum Mounting Height	4 m

Settings

Response sensitivity, settable	20...100 %
Delay time, adjustable	≈ 1 s...3 h

Scope of delivery

Bus connection included	Yes

Equipment

Number of radio channels	1
Substation input	No
Number of channels	1
Number of quicklink links	max. 20 transmitter/receiver
Transmitter duty cycle	1 %
Angle of horizontal detection	220 °
Slewing	vertically slewing and horizontally rotating

Use conditions

Operating temperature	-20...55 °C
Relative humidity (without condensation)	0...65 % (without condensation)

Identification

Application, usage	Motion detector