



TRE520



IP55

Motion detector radio, with battery, IP55, white

Technical characteristics

Architecture

Bus system KNX

Functions

Lockout time 10 s

ETS additional functions: operating mode on/off, push-button, dimming value, brightness display, movement scene loading, no movement scene loading

ETS additional functions 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 9010 - Pure white
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 %
Identification	
Application, usage	Motion detector