



TRE530



IP55

Motion detector IR solar, radio, IP55, surface mounted, white

Technical characteristics

Architecture

Bus system KNX

Functions

Lockout time 10 s

Mode of operation μ -processor controlled mode of operation

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

Function easy additional functions: +6 scenes, on/off operating mode, scene call-up upon motion/no motion ; reset function (to factory setting)

Quicklink functions quicklink functions: time switching, NO contact push-button

Controls and indicators

Operation remote control via quicklink transmitter

Button / push-button with configuration 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

Network configuration

Network not dependent on mains power

Measurement

Detection Method Passive Infrared

Detection field, semi-oval shaped $\approx 16 \times 16$ m

Reach distance

Range, frontal ≈ 16 m

Range, side each ≈ 8 m

Battery

Required brightness for storage battery charging min. 1000 lx

Cover, door

Cover with cover elements to limit the detection field

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
Surface appearance	matt

Lighting control

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

LED control

LED with configuration LED ; with LED detection indicator

Installation, mounting

Maximum Mounting Height	4 m
Installation mode	for wall and ceiling mounting, corner installation with adapter

Connection

Bus connection integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system

Settings

Response sensitivity, settable	20...100 %
Delay time, adjustable	≈ 1 s...3 h
Programming	toolless quicklink configuration using buttons and LED display

Scope of delivery

Bus connection included	Yes
Component	wall retaining plate and fastening material included in scope of delivery

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

Safety

Protection

with crawl-under protection

Use conditions

Operating temperature

-20...55 °C

Energy-saving

low intrinsic energy requirement

Relative humidity (without condensation)

0...65 % (without condensation)

Identification

Application, usage

Motion detector ; KNX radio- sensors