TRE500

quicklink

Motion detector radio, with battery, IP55, white

Technical characteristics

Architecture

Bus system	KNX

Functions

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	with keylock
Quicklink functions	quicklink functions: switching, dimming, 2 scenes, time switching, NO contact push-button, Memory, forced control, Master-Slave

Connectivity

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

Dimensions

Assembling height	34 mm

Frequency

Radio transmission frequency	868.3 MHz

Power

Radio transmission power	< 10 mW

Measurement

Detection Method	Passive Infrared

Detection

Number of detection levels	2
Angle of vertical detection	90 °
Detection angle, settable	each side ≈ 45...90 °
Frontal detecting distance	16 m
Side detecting distance	10 m

Materials

RAL colour	RAL 9010 - Pure white
Material	PC-ABS

Lighting control

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

Installation, mounting

Maximum Mounting Height	4 m

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
Substation input	No
Number of channels	1
Number of quicklink links	max. 20 transmitter/receiver
Transmitter duty cycle	1 %
Angle of horizontal detection	220 °

Safety

Protection	with dismantling protection

Use conditions

Operating temperature	-5...45 °C
Relative humidity (without condensation)	0...65 %

Identification

Application, usage	Motion detector