TRE720

2,5 m

quicklink

IP55

Kit motion detector RF + 1 output receiver 10A KNX IP55

Technical properties

Architecture

Bus system	KNX

Functions

Mode of operation	µ-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 pre-warning 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

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

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

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	100 °
Frontal detecting distance	16 m
Side detecting distance	8 m

Materials

Subject to technical modifications

RAL colour	RAL 9010 - Pure white
Surface appearance	matt

Lighting control

Response brightness, adjustable	≈ 5...1000 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

Installation, mounting

Maximum Mounting Height	4 m

Connection

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

Settings

Response sensitivity, settable	10...100 %
Delay time, adjustable	≈ 1 s...3 h
Switch-off pre-warning to dimming value 50% for	30 s
Programming	the motion detector (transmitter) and switch actuator (receover) are pre-configured for joint use

Scope of delivery

Bus connection included	Yes
Component	set consists of KNX radio motion detector 220° surface-mounted (order no. TRE520) and switch actuator 1gang surface-mounted (order no. TRE201)

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

REACH conform	No
Halogen free	No
Protection	with dismantling protection

Use conditions

Operating temperature	-5...45 °C
Energy-saving	low intrinsic energy requirement
Relative humidity (without condensation)	0...65 %

Identification

Application, usage	Motion detector ; KNX radio- sensors