



TX510

IP41



Presence detector 360° KNX, 2 channels, with BCU

Technical properties

Architecture

Bus system KNX

Functions

Function Switching functions, dimming functions, blind control functions, value transmitter functions, forced control functions, scene functions, heating functions and timer functions, 2 channel mode

Configuration

Channels Channel 1 für brightness-dependent or semiautomatic control (switching on via push-button) of consumers ; Channel 2 für brightness-independent control of consumers with predefined switch-on delay and delay time (3 operating modes)

Connectivity

Number of binary inputs 0

Voltage

Operating voltage over bus 21...32 V DC

Electric current

Bus current consumption (data transfer) 12 mA

Bus current consumption (idle) 12 mA

Dimensions

Dimensions (Ø x H) 110 x 44 mm

Recommended installation height 2.5...3.5 m

Measurement

Detection Method presence

Detection

Detection angle 360 °

Angle of vertical detection 55 °

Frontal detecting distance 7 m

Side detecting distance 6 m

Materials

Colour white

RAL colour RAL 9010 - Pure white

Surface appearance matt

Lighting control

Subject to technical modifications

Brightness measurement range

5 / 1200 Lux

Installation, mounting

Maximum Mounting Height 4 m

Installation mode for ceiling mounting in 60 surface-mounted or hollow-wall box

Connection

Bus coupling unit with integral bus coupling unit

Bus connection bus connection via connecting terminal

Settings

Supported configuration modes system, easy

Delay ON 30 s

HVAC-channel adjustable $\approx 30\text{ s} \dots 60\text{ mn}$

Delay time, adjustable $\approx 1 \dots 30\text{ mn}$

Setting with potentiometers for setting the response brightness and delay time without dismantling

Scope of delivery

Bus connection included Yes

Accessories included

Extension Expansion of detection area possible by means of one or more detectors

Equipment

Number of channels 1

Switch on delay HVAC-channel 15 mn

Angle of horizontal detection 360 °

Slewing Detector head slewing by 90°

Safety

REACH conform Yes

RoHS conform Yes

Use conditions

Operating temperature 0...45 °C

Storage/transport temperature -10...60 °C

Energy-saving energy saving by presence and brightness-controlled lighting control

Identification

Main design line KNX