



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

**Installation, mounting**

Maximum Mounting Height	4 m
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Installation mode	for ceiling mounting in 60 surface-mounted or hollow-wall box
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**Connection**

Bus coupling unit	with integral bus coupling unit
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Bus connection	bus connection via connecting terminal
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**Settings**

Supported configuration modes	system, easy
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Delay ON	30 s
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HVAC-channel adjustable	≈ 30 s ... 60 mn
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Delay time, adjustable	≈ 1...30 mn
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Setting	with potentiometers for setting the response brightness and delay time without dismantling
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**Scope of delivery**

Bus connection included	Yes
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**Accessories included**

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

Number of channels	1
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Switch on delay HVAC-channel	15 mn
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Angle of horizontal detection	360 °
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Slewing	Detector head slewing by 90°
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**Safety**

REACH conform	Yes
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RoHS conform	Yes
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**Use conditions**

Operating temperature	0...45 °C
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Storage/transport temperature	-10...60 °C
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Energy-saving	energy saving by presence and brightness-controlled lighting control
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**Identification**

Main design line	KNX
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