



TX510

EIB Presence detector

Architecture

Bus system	KNX
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Functions

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

Configuration

- 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

Bus system radio frequent	no
Bus system LON	no
Bus system Powernet	no

Voltage

Operating voltage over bus	21 32 V DC
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Electric current

Bus current consumption (data transfer)	12 mA
Bus current consumption (idle)	12 mA

Measurement

Detection Method	presence
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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
Material	PC-ABS
Surface appearance	matt

Dimensions

Dimensions (Ø x H)	110 x 44 mm
Recommended installation height	2,5 3,5 m

Lighting control

Brightness measurement range	5 / 1200 Lux
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Installation, mounting

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

Connection

- with integral bus coupling unit
- bus connection via connecting terminal

Settings

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

Scope of delivery

Bus connection included	yes
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Accessories included

- 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 °
- Detector head slewing by 90°	

Safety

Halogen free	no
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Use conditions

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

Identification

Main design line	KNX
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