



TCC520E



Presence detector 360° monobloc KNX with switch ON/OFF , white

Technical properties

Architecture

Bus system KNX

Functions

Function Linking several detectors in order to expand the detection area

Operating mode operating modes: automatic, semiautomatic, test

Configuration

Channels Output channel for switching, dimming or calling up scenes

Controls and indicators

Button / push-button with programming button

Connectivity

Number of binary inputs 0

Outputs switch output can be integrated for control via bus or direct connection of loads

Voltage

Operating voltage over bus 21...32 V DC

Electric current

Bus current consumption (data transfer) 12 mA

Dimensions

Dimensions (Ø x H) 78 x 70 mm

Installation opening Ø 60...63 mm

Recommended installation height 2.5...3.5 m

Installation wall thickness 10...28 mm

Power

Conventional transformers 1500 VA

Electronic transformers 1500 W

Measurement

Detection Method presence

Detection

Detection angle 360 °

Detection angle 360 °

Angle of vertical detection 55 °

Detection field Ø, on floor	≈ 7 m
Detection field Ø, at desk height	≈ 5 m
Frontal detecting distance	7 m
Side detecting distance	8 m
Materials	
Colour	white
RAL colour	RAL 9010 - Pure white
Surface appearance	matt
Lighting control	
Brightness measurement range	5 / 1000 Lux
Fluorescent lamps with electronical ballast (EB)	1000 W
Fluorescent bulbs control	
Energy-saving lamps	20 x 20 W
Fluorescent lamps parallel compensated	1000 W
Incandescent bulbs control	
230 V incandescent lamps and halogen lamps	2300 W
Installation, mounting	
Maximum Mounting Height	4 m
Installation mode	with spring clips for ceiling installation
Connection	
Connection terminals	according to IEC 60669-1
Bus coupling unit	with integral bus coupling unit
Bus connection	bus connection via connecting terminal
Settings	
Supported configuration modes	system
Delay time, adjustable	1 mn...1 h
Setting	with potentiometers for setting the response brightness and delay time without dismantling
Scope of delivery	
Bus connection included	Yes
Equipment	
Number of channels	1
Angle of horizontal detection	360 °
Use	
Differentiation characteristic 3 - Sales	with integrated switch actuator
Standards	
General standards	EN 50428 ; IEC 60669-2-1
Safety	

REACH conform	No
RoHS conform	Yes
Halogen free	No
Use conditions	
Operating temperature	-10...45 °C
Storage/transport temperature	-20...60 °C
Energy-saving	energy saving by presence and brightness-controlled lighting control
Identification	
Main design line	KNX