



TCC521E

IP41

Presence detector 360° monobloc KNX / DALI

Technical properties

Architecture

Bus system KNX

Functions

Function Linking several detectors in order to expand the detection area

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 integrated DALI/DSI output (broadcast) for switching/controlling 24 DALI/DSI electronic ballasts

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

Measurement

Detection Method presence

Detection

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
Installation, mounting	
Maximum Mounting Height	4 m
Installation mode	with spring clips for ceiling installation
Connection	
Conductor cross-section (flexible)	0.5...1.5 mm ²
Conductor cross-section (rigid)	0.5...1.5 mm ²
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 °
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