TCC521E

IP41

Presence detector 360° monobloc KNX / DALI

Technical characteristics

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...15 mm²
Conductor cross-section (rigid)	0.5...15 mm²
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
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

Subject to technical modifications