



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...15 mm ² |
| Conductor cross-section (rigid) | 0.5...15 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 |
| 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 |