



TCC521E

IP41

Presence detector 360° monobloc KNX / DALI

Technical properties

Architecture

Bus system	KNX
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Functions

Function	Linking several detectors in order to expand the detection area
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Configuration

Channels	Output channel for switching, dimming or calling up scenes
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Controls and indicators

Button / push-button	with programming button
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Connectivity

Number of binary inputs	0
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Outputs	integrated DALI/DSI output (broadcast) for switching/controlling 24 DALI/DSI electronic ballasts
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Voltage

Operating voltage over bus	21...32 V DC
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Electric current

Bus current consumption (data transfer)	12 mA
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Dimensions

Dimensions (Ø x H)	78 x 70 mm
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Installation opening Ø	60...63 mm
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Recommended installation height	2.5...3.5 m
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Installation wall thickness	10...28 mm
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Measurement

Detection Method	presence
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Detection

Detection angle	360 °
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Angle of vertical detection	55 °
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Detection field Ø, on floor	≈ 7 m
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Detection field Ø, at desk height	≈ 5 m
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Frontal detecting distance	7 m
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Side detecting distance	8 m
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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