



TCC520E

Presence det. 360° monobloc KNX

Architecture	
Bus system	KNX
Functions	
Operating mode	operating modes: automatic, semiautomatic, test
- Linking several detectors in order to expand the detection area	
Configuration	
- Output channel for switching, dimming or calling up scenes	
Controls and indicators	
- with programming button	
Connectivity	
Bus system radio frequent	no
Bus system LON	no
Bus system Powernet	no
- 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
Power	
Conventional transformers	1500 VA
Electronic transformers	1500 W

Measurement

Detection Method	presence
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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
Material	PC-ABS
Surface appearance	matt

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

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
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Installation, mounting

Maximum Mounting Height	4 m
Installation mode	with spring clips for ceiling installation

Connection

Connection terminals	according to IEC 60669-1
- with integral bus coupling unit	
- bus connection via connecting terminal	

Settings

Supported configuration modes	system
Delay time, adjustable	1 mn 1 h
- with potentiometers for setting the response brightness and delay time without dismantling	

Scope of delivery

Bus connection included	yes
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Equipment

Number of channels	1
Angle of horizontal detection	360 °

Use

Differentiation characteristic 3 - Sales	with integrated switch actuator
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Standards

General standards	EN 50428, IEC 60669-2-1
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Safety

Halogen free	no
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Use conditions

Operating temperature	-10 45 °C
Storage/transport temperature	-20 60 °C
- energy saving by presence and brightness-controlled lighting control	

Identification

Main design line	KNX
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