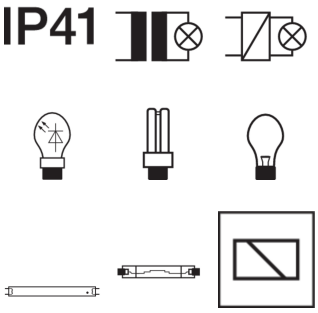
TCC520E



Presence detector 360° monobloc KNX with switch ON/OFF , white

Technical properties

Architecture

Bus system	KNX

Functions

Function	Linking several detectors in order to expand the detection area
Operating mode	operating modes: automatic, semiautomatic, test

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	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

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

Power

Conventional transformers	1500 VA
Electronic transformers	1500 W

Measurement

Detection Method	presence

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
Surface appearance	matt

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

Installation, mounting

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

Connection

Connection terminals	according to IEC 60669-1
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 °

Use

Differentiation characteristic 3 - Sales	with integrated switch actuator

Standards

General standards	EN 50428 ; IEC 60669-2-1

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