



75241003



IP41

KNX IR presence detector comfort with integrated switch actuator, KNX, polar white matt

Technical features

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

Detection

Detection angle 360 °

Detection field Ø, on floor ≈ 7 m

Detection field Ø, at desk height ≈ 5 m

Materials

Colour of design line polar white

Colour white

RAL colour RAL 9010 - Pure white

Material thermoplastic

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
Diameter	79,8 mm
Height	70 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 VA

LED control

LED	with red and green acknowledge/receive LED
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Incandescent bulbs control

230 V incandescent lamps and halogen lamps	2300 W
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Installation, mounting

Installation mode	with spring clips for ceiling installation
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Connection

Conductor cross-section (flexible)	0,5...1,5 mm ²
Conductor cross-section (rigid)	0,5...1,5 mm ²
Connection terminals	according to IEC 60669-1
<ul style="list-style-type: none"> - 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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Use

Differentiation characteristic 3 - Sales	with integrated switch actuator
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Standards

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

Halogen free	no
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Use conditions

Operating temperature	-10...45 °C
- energy saving by means of presence and brightness-dependent switching of lights, heating etc.	

Identification

Application, usage	KNX - sensors
Main design line	KNX