Presence detectors

NEW: KNX presence detector with integrated bus coupler!
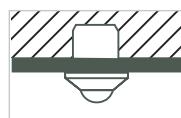
Overview

- **NEW:** For use in KNX (EIB), TP (twisted pair) bus system in conjunction with other KNX components

- Presence detectors for intelligent and energy saving illumination control plus presence activated control of heating, ventilation or air conditioning

- Simple configuration

- Features can be flexibly adapted if room use changes

- With a range of up to 24 m in diameter, they are ideal for use in offices, classrooms, boardrooms and passageways with natural lighting

- Switching or dimming function

- Inputs for KNX touch sensors for manual override

- Switching function makes it ideal for use in areas with ceilings of up to 10 m such as sports halls and warehouses

- Blended light measurement suitable for FL, PL, halogen and incandescent lamps

- Recessed or surface mounting or recessed ceiling mounting; an ESYLUX system for all types of property

CEILING MOUNTED PRESENCE DETECTOR WITH KNX (EIB) TECHNOLOGY FOR INTELLIGENT FACILITY MANAGEMENT
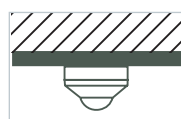### ESYLUX PDC 360i/24 KNX

Can be used everywhere

Ceiling mounting

Recessed mounting

Surface mounting

Model/Colours
Range approx. 24 m diameter
Colour: white, similar to RAL 9010

Field of detection
360°

User remote control
Mobil-PDi/User for added manual dimming/switching
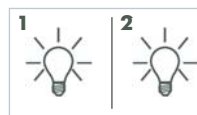Light scene storage

Can be used in bus system

KNX

KNX (EIB), TP (twisted pair) in conjunction with other KNX components

Parameter and function setting

via ETS (EIB Tool Software)

Functions: Switching and dimming within the system
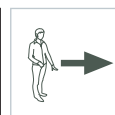
| 1 | 2 |
| 3 |
| HVAC |

| 1 | 2 |

Switches and dims according to daylight and presence

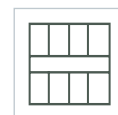Switches according to daylight and presence

Switches according to presence

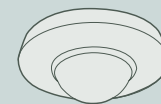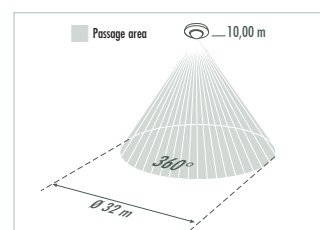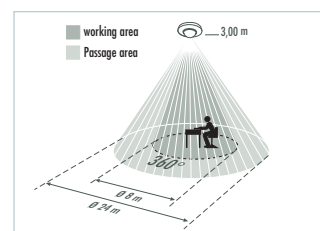Own presence Master/Master. Master/Slave

Alarm object

Block objects for light/HVAC

Order description	Colour	Order no.	EAN-No.

ESYLUX PDC 360i/24 KNX

- Recessed ceiling mounted **KNX** presence detector with 360° field of detection
- For use in KNX (EIB), TP (twisted pair) bus system in conjunction with other KNX components
- Parameter and function setting via ETS (EIB Tool Software)

- Bus voltage: 24 V DC via KNX system device
- Field of detection: 360°
- Range: approx. 24 m diameter at an installation height of 3 m, approx. 32 m diameter at an installation height of 10 m
- Setting options: remotely with ETS-Software, temporarily electronically by infrared Mobil-PDi/User (order separately)
- **Lightchannel c1 to channel c3**
- Light value: disabled/approx. 1 - 2000 Lux
- Time setting c1 to c3: disabled/30 seconds to 30 mins.
- Orientation light: disabled 10% - 50% 2 values can be selected
- Time setting orientation light: only with continuous lighting/1 min. - 250 mins. controls
- Interior lighting correction factor: selectable
- Light channel c1 and c2: can be switched/controlled
- Light measurement: mixed light

- **Presence output**
- Turn-on delay: disabled/10 seconds/2 min. to 30 mins.
- Time setting: disabled/1 min. - 250 mins.
- Outputs: alarm, presence, status, light value
- Slave input: yes
- Permissible ambient temperature: -25 °C...+55 °C
- Protection type: IP 44
- Protection class: II
- Test symbol: TÜV Süd
- Installation type: recessed ceiling mounting
- Housing material: UV stabilized polycarbonate
- Approx. measurements: height 83 mm, Ø 100 mm
- Colour: white, similar to RAL 9010

PDC 360i/24 KNX	white, similar to RAL 9010	EM10450105	4015120450105

ESYLUX MOBIL-PDi/USER

- **Universal end-user remote control** for quick and precise setting of temporary parameters (no need to climb a ladder!)
- For ceiling mounted presence detectors PD 360i/24 DIMplus, PDE 360i/24 DIM, PD 360i/24 DIM and PDC 360i/24 KNX

- Battery operation: Lithium CR 2032 - 3 V (included)
- Range: overcast/dark approx. 5 - 8 m, direct sunshine approx. 2 - 3 m
- Included in delivery: included wall-mounted holder

- Approx. measurements: height 9 mm x width 50 mm x length 100 mm

Mobil-PDi/User	silver	EM10425547	4015120425547

Explanation of the programme features

CHANNEL LIGHT (c1)		Dimmer function Manual lighting dimming at the push of a button	CHANNEL LIGHT (c3)		Light ON/OFF Manual lighting control for 4 hours permanently ON/OFF for channel c3
OK		Temporary storage of the dimmer/light value			Light ON/OFF Manual lighting control, saves the additional installation of a light switch
		Light ON/OFF Manual lighting control, saves the additional installation of a light switch	CHANNEL (c1 - c3)		Light ON/OFF Manual lighting control for 4 hours permanently ON/OFF for channels c1 - c3
CHANNEL LIGHT (c2)		Dimmer function Manual lighting dimming at the push of a button			Light ON/OFF Manual lighting control for all channels c1 - c3
OK		Temporary storage of dimmer/light value	SCENE (1 and 2)		Stores individual light scenes at the push of a button
		Light ON/OFF Manual lighting control, saves the additional installation of a light switch	ON		Enables a stored light scene