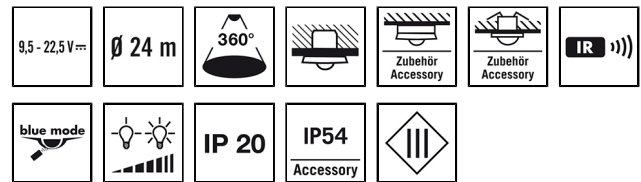


PD-C 360i/24 ELC

Item number **GTIN**
 EP10427619 4015120427619



Product description

- Presence detector with **360° field of detection** for ceiling mounting
- **range of up to 24 m** in diameter at a recommended installation height of 3 m (maximum mounting height 5 m)
- Automatic light control to a **constant brightness level** depending on presence and natural light (ESYLUX Light Control interface)
- Default factory settings ensure immediate operability

Offers special product features like:

- Simple parameterisation, remote control and documentation with ESY-Pen and ESY-App



Technical data

GENERAL	
Device category	Ceiling-mounted presence detector
Product information	ELC lighting systems combine compatible components via plug-and-play: ELC main lighting, control unit and sensor system. Alternatively: The ELC lights are also suitable for plug-and-play installation outside ELC lighting systems if suitable driver sets (accessories) are used
Included in delivery	Includes lens mask
User interface	IR remote control with "blue mode" technology
Remote controllable	✓
Conformity	CE, EAC, RoHS, SundaHus, WEEE
Product-specific information	Only suitable for ELC controls
Warranty	5 years
ATTACHMENT	
Installation type	Flush mounting / device box Ø 68 mm
Installation position	Ceiling
Installation dimension	Installation depth: 24 mm, Ø 60 mm
Type of connection	Push terminal
Connectable wire cross section	1.2.50 mm ²
HOUSING	
Dimensions	Height/Depth 70 mm, Ø 108 mm
Weight	126 g
Material	UV-stabilised polycarbonate
Protection type	IP20
Protection type with accessory	IP54 with surface-mounted box (order separately)

Permissible ambient temperature	-25 °C...+50 °C
Relative humidity	5 – 93 %, non-condensing
Colour	white, similar to RAL 9010

ELECTRICAL VERSION

Control system	ELC (ESYLUX Light Control)
Protection class	III
Nominal voltage	22 V DC
Power consumption	0.3 W

SENSORS

Detection angle	360°
Detection range diagonally	Ø 24 m
Detection range head-on	Ø 11 m
Detection range presence	Ø 8 m
Field of detection	up to 453 m ²
Recommended installation height	3 m
Max. mounting height	5 m
Light measurement	mixed light
Level of brightness	5 – 2000 lx

CHANNELS (LIGHTING / HVAC)

Number of light channels	4
Number of HVAC-channels	2
Push button input HVAC	–
Slave input	–
Mode	Semi-automatic, Fully automatic
Constant light control	✓
Channel	C1 Lighting

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Function	Send values
Switch contact	Bus system
Push button input	–
Impulse mode	–
Switch-off delay time	60 s...240 min (adjustable in steps)
Orientation light	10 – 50 % luminous efficiency

Switch-off delay time, orientation light	60 s...240 min
Channel	C2 Lighting
Switch contact	Bus system
Push button input	–
Orientation light	10 – 50 % luminous efficiency
Switch-off delay time, orientation light	60 s...240 min

Factory settings

GENERAL	
Sensitivity	100 %
Orientation light, depending on brightness	✓
Deviation (%)	0 %

CHANNELS (LIGHTING / HVAC)	
Channel	C1 Lighting
Operating mode	fully automatic
Level of brightness/switching threshold	500 lx
Switch-off delay time	5 min
Luminous efficiency of orientation light	10 %
Duration of switch-off warning	60 s

Accessories

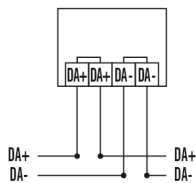
Product designation	Item number	Product description	GTIN
Cover			
COMPACT COVER SET 24/32 SR	EP10425431	Cover set for COMPACT series, 24 m/32 m, consists of cover and design ring, silver	4015120425431
COMPACT COVER SET 24/32 BK	EP00007491	Cover set for COMPACT series, 24 m/32 m, consists of cover and design ring, black	4015120007491
Mounting			
COMPACT MOUNTING BOX IP20 SM WH	EP10425370	Surface-mounted box for COMPACT series, IP20, white	4015120425370
COMPACT MOUNTING BOX IP20 SM SR	EP10425387	Surface-mounted box for COMPACT series, IP20, silver	4015120425387
COMPACT MOUNTING BOX IP54 SM WH	EP10425905	Surface-mounted box for COMPACT series, IP54, white	4015120425905
COMPACT MOUNTING BOX IP54 SM SR	EP10425912	Surface-mounted box for COMPACT series, IP54, silver	4015120425912
MOUNTING SET IP20 FM 62 WH	EP10425929	Recessed ceiling mounting set includes installation bracket and dust-protected box, 62 mm	4015120425929
COMPACT MOUNTING BOX IP54 SM BK	EP10426940	Surface-mounted box for COMPACT series, IP54, black	4015120426940
COMPACT MOUNTING BOX IP20 SM BK	EP10426933	Surface-mounted box for COMPACT series, IP20, black	4015120426933
Protection			
BASKET GUARD ROUND SMALL	EM10425615	Basket guard for presence and motion detectors and smoke detectors, Ø 165 mm, height 70 mm	4015120425615
BASKET GUARD ROUND LARGE	EM10425608	Basket guard for presence and motion detectors and smoke detectors, Ø 180 mm, height 90 mm	4015120425608
Remote control			
ESY-Pen	EP10425356	ESY-Pen and ESY-App, two tools for every task: (1) Parameterisation, (2) remote control, (3) light measurement, (4) project management	4015120425356
Mobil-PDi/MDi-universal	EP10433993	Remote control for quick and precise setting of various parameters	4015120433993
REMOTE CONTROL MDi/PDi	EM10425509	IR remote control for presence detectors and motion detectors	4015120425509

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Dimension drawing	Field of detections	Detection range	
		<p>■ Diagonally (A)</p>	<p>Ø 24 m</p>
		<p>■ Frontal (B)</p>	<p>Ø 11 m</p>
		<p>■ Presence area (C)</p>	<p>Ø 8 m</p>

Circuit diagram



Standard operation.

Detailed product description

- Presence detector with **360° field of detection** for ceiling mounting
- **range of up to 24 m** in diameter at a recommended installation height of 3 m (maximum mounting height 5 m)
- Automatic light control (channel 1-4) to a **constant brightness level** depending on presence and natural light (ESYLUX Light Control interface)
- Default factory settings ensure immediate operability
- Simple programming using remote control with "blue mode" technology or setting elements
- Detector can be used as a fully automatic or semi-automatic device
- Lowering of the luminous efficiency to 10-50 % after expiration of the time setting for use as an orientation light for hallways and passageways
- In-built switch-off warning
- Flush-mounted device as standard
- Surface mounting or recessed ceiling mounting with accessories
- Easily replaceable/paintable cover and design ring (available in "silver" as an accessory)
- Field of detection can be extended by connecting slave devices
- Targeted masking out of areas by means of an enclosed lens mask