

PD 360i/24 BASIC

Item number EB10430879
GTIN 4015120430879



Technical data

| GENERAL | |
|---------------------------------|--|
| Device category | Ceiling-mounted presence detector |
| Product information | Please note the Explanation of circuit breaker in the download area of the product! Mounting position: Keep a safe distance of 5 m from radio antennas (e.g. WiFi access points). |
| User interface | Adjusting controller, IR remote control |
| Remote controllable | ✓ |
| Conformity | CE, EAC, RoHS, WEEE |
| Product-specific information | Lens mask and spacer not included in delivery |
| Warranty | 5 years |
| ATTACHMENT | |
| Installation type | Surface mounted (plaster), Flush-mounted/Device socket Ø 68 mm |
| Installation position | Ceiling |
| Type of connection | Push terminal |
| Connectable wire cross section | 1,5 – 2,5 mm ² |
| HOUSING | |
| Dimensions | Height/Depth 53 mm, Ø101 mm |
| Weight | 99 g |
| Material | UV-stabilised polycarbonate |
| Protection type | IP40 |
| Permissible ambient temperature | 0 °C...+50 °C |
| Relative humidity | 5 – 93 %, non-condensing |
| Colour | white, similar to RAL 9010 |
| ELECTRICAL VERSION | |
| Control system | ON/OFF |

Product description

- Presence detector with **360° field of detection** For ceiling mounting
- **Range of up to 24 m** in the diameter at a recommended installation height of 3 m
- 10 A high-performance relay
- Zero-cross switching for gentle switching
- Remote controllable
- Factory setting for immediate operational readiness

Offers special product features such as:

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

| | |
|-------------------|------------------|
| Protection class | II |
| Nominal voltage | 230 V AC / 50 Hz |
| In-rush current | 78 A / 5 ms |
| Power consumption | 0,2 W |

SENSORS

| | |
|---------------------------------|--------------------------|
| Detection angle | 360° |
| Detection range diagonally | Ø 24 m |
| Detection range head-on | Ø 8 m |
| Detection range presence | Ø 6 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 | 1 |
| Push button input lighting | 1 |
| Push button input HVAC | - |
| Number of parallel switchable detectors | 8 |
| Slave input | - |
| Mode | Semi-automatic, Fully automatic |
| Switching delay from "dark to light" | 300 s |
| Switching delay from "light to dark" | 30 s |
| Constant light control | - |
| Channel | C1 Lighting |
| Function | Switching |
| Switching capacity | 230 V/50 Hz |

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| | |
|----------------|---|
| | 2300 W/10 A (cos phi = 1) 1150 VA/5 A (cos phi = 0,5) 600 W LED |
| Switch contact | make contact / non-floating |

| | |
|-----------------------|-------------------------------------|
| Push button input | ✓ |
| Impulse mode | ✓ |
| Switch-off delay time | 15 s...30 min (adjustable in steps) |

Factory settings

| GENERAL | |
|----------------------------|-------------|
| Sensitivity | 100 % |
| CHANNELS (LIGHTING / HVAC) | |
| Channel | C1 Lighting |

| | |
|---|-----------------|
| Operating mode | fully automatic |
| Level of brightness/switching threshold | 500 lx |
| Switch-off delay time | 5 min |

Accessories

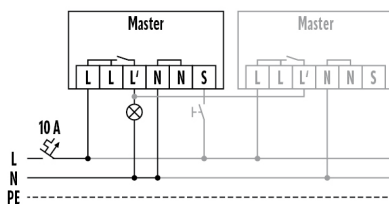
| Product designation | Item number | Product description | GTIN |
|-------------------------------|-------------|--|---------------|
| Accessories | | | |
| BASIC MOUNTING BOX IP20 SM WH | EB10423147 | Surface-mounted box for BASIC series, IP20, white | 4015120423147 |
| Adapter | | | |
| BASIC SPACER WH | EB10423130 | Spacer for BASIC series, white, compatible with BASIC IP40 variants | 4015120423130 |
| Cover | | | |
| BASIC 24 LENS MASK | EB10423109 | Lens mask 24 m | 4015120423109 |
| Electrical accessories | | | |
| FILTER 230 V | EP10426988 | Filter for suppression of inductive loads, such as relays, contactors, fluorescent lamps and transformers | 4015120426988 |
| Mounting | | | |
| MOUNTING SET IP20 FM 62 WH | EP10425929 | Recessed ceiling mounting set includes installation bracket and dust-protected box, 62 mm | 4015120425929 |
| Protection | | | |
| 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 |
| 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 | |
|-------------------|---------------------|-----------------|--------|
| | | | Ø 24 m |
| | | | Ø 8 m |
| | | | Ø 6 m |

Circuit diagram



Standard with optional control via a closing button and parallel wiring of max. six devices.

Detailed product description

- Presence detector with **360° field of detection** For ceiling mounting
- **Range of up to 24 m** in the diameter at a recommended installation height of 3 m
- 10 A high-performance relay
- Zero-cross switching: Extension of the service life of the relay and bulbs with electronic ballasts (e.g. fluorescent lamps, LED) thanks to more gentle switching in zero-cross switching.
- Factory setting for immediate operational readiness
- Automatic light control depending on presence and daylight
- Additional switch input
- Remote controllable
- Standard version as surface-mounted device, recessed ceiling mounting possible with accessories
- Sensing range upgrade through parallel connection