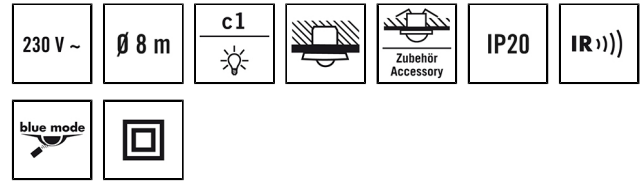


PD-FLAT 360i/8 SQUARE BLACK

Item number **GTIN**
 EP10427947 4015120427947



Product description

- Design presence detector, approx. range 8 m in Ø
- 1 channel, switching, with zero-cross switching, optimised for LED lights
- Master/slave (parallel wiring)
- Low profile design with plastic design covers: square, black - variably interchangeable (alternative: glass, round, white)

Offers special product features like:

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



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! |
| Included in delivery | Includes lens mask |
| User interface | IR remote control with "blue mode" technology |
| Remote controllable | ✓ |
| Conformity | CE, EAC, RoHS, WEEE |
| Product-specific information | Configuration only possible via ESY-Pen, ESY-App and remote control |
| 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 | 1.250 mm ² |
| HOUSING | |
| Dimensions | Length 77 mm x Width 77 mm x Height/Depth 30 mm |
| Weight | 534 g |
| Material | UV-stabilised polycarbonate |
| Protection type | IP20 |
| Permissible ambient temperature | 0 °C...+50 °C |
| Relative humidity | 5 – 93 %, non-condensing |
| Colour | black, similar to RAL 9004 |

| ELECTRICAL VERSION | |
|--------------------|-----------------|
| Control system | ON/OFF |
| Protection class | II |
| Nominal voltage | 230 V ~ / 50 Hz |
| In-rush current | 78 A / 5 ms |
| Power consumption | 0.3 W |

| SENSORS | |
|---------------------------------|-------------------------|
| Detection angle | 360° |
| Detection range diagonally | Ø 8 m |
| Detection range head-on | Ø 6 m |
| Detection range presence | Ø 4 m |
| Field of detection | up to 50 m ² |
| Recommended installation height | 2.5 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 | 10 |
| 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 |

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| | |
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| | | | |
|--------------------|--|-----------------------|-------------------------------------|
| Function | Switching | Switch contact | make contact / non-floating |
| Switching capacity | 230 V/50 Hz 2300 W/10 A (cos phi = 1) 1150 VA/5 A (cos phi = 0,5) 600 W LED | Push button input | ✓ |
| | | Impulse mode | ✓ |
| | | Switch-off delay time | 60 s...30 min (adjustable in steps) |

Factory settings

| | | | |
|-----------------------------------|-------------|---|-----------------|
| GENERAL | | Operating mode | fully automatic |
| Sensitivity | 100 % | Level of brightness/switching threshold | 100 lx |
| CHANNELS (LIGHTING / HVAC) | | Switch-off delay time | 5 min |
| Channel | C1 Lighting | | |

Accessories

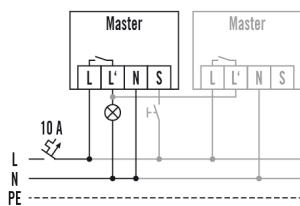
| Product designation | Item number | Product description | GTIN |
|----------------------------|-------------|--|---------------|
| Cover | | | |
| FLAT COVER ROUND WH | EP00007231 | Cover for FLAT series, round, white | 4015120007231 |
| FLAT COVER ROUND BK | EP00007279 | Cover for FLAT series, round, black | 4015120007279 |
| FLAT COVER ROUND GY | EP00007316 | Cover for FLAT series, round, grey | 4015120007316 |
| FLAT COVER LARGE ROUND WH | EP10428579 | Cover for FLAT series, 105 mm, round, white | 4015120428579 |
| FLAT COVER LARGE ROUND BK | EP10428098 | Cover for FLAT series, 105 mm, round, black | 4015120428098 |
| FLAT COVER SQUARE WH | EP00007248 | Cover for FLAT series, square, white | 4015120007248 |
| FLAT COVER SQUARE BK | EP00007286 | Cover for FLAT series, square, black | 4015120007286 |
| FLAT COVER GLASS ROUND WH | EP00007255 | Cover for FLAT series, glass, round, white | 4015120007255 |
| FLAT COVER GLASS ROUND BK | EP00007293 | Cover for FLAT series, glass, round, black | 4015120007293 |
| FLAT COVER GLASS ROUND GY | EP00007323 | Cover for FLAT series, glass, round, grey | 4015120007323 |
| FLAT COVER GLASS SQUARE WH | EP00007262 | Cover for FLAT series, glass, square, white | 4015120007262 |
| FLAT COVER GLASS SQUARE BK | EP00007309 | Cover for FLAT series, glass, square, grey | 4015120007309 |
| Mounting | | | |
| FLAT MOUNTING SET IP20 FM | EP10426889 | Recessed ceiling mounting set for FLAT series includes installation bracket and dust-protected box | 4015120426889 |
| Protection | | | |
| BASKET GUARD ROUND LARGE | EM10425608 | Basket guard for presence and motion detectors and smoke detectors, Ø 180 mm, height 90 mm | 4015120425608 |
| BASKET GUARD ROUND SMALL | EM10425615 | Basket guard for presence and motion detectors and smoke detectors, Ø 165 mm, height 70 mm | 4015120425615 |
| 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 | |
|-------------------|---------------------|--|--|
| | | <p>■ Diagonally (A) \varnothing 8 m</p> | |
| | | <p>■ Frontal (B) \varnothing 6 m</p> | |
| | | <p>■ Presence area (C) \varnothing 4 m</p> | |

Circuit diagram



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

Detailed product description

- Design presence detector, approx. range 8 m in \varnothing
- 1 channel, switching, with zero-cross switching, optimised for LED lights
- Master/slave (parallel wiring)
- Low profile design with plastic design covers: square, black - variably interchangeable (alternative: glass, round, white)
- Flush mounting and ceiling flush mounting
- Switch input