

PLD E 608 W 315/E - LED enclosure light



2702228

<https://www.phoenixcontact.com/us/products/2702228>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



LED enclosure light, AC wide-range input, color temperature 4000 K, with motion sensor, type E socket (e.g., for France and Belgium)

Product description

The LED light is designed to illuminate the interior of control cabinets. The prismatic integrated into the light cover ensures optimum illumination of the control cabinet. You can mount the light without tools via the integrated latching hook system. You can connect several lights in succession. You can control the light mode via a button. You can switch the light on or off permanently or enable the automatic mode. In automatic mode, the light is switched on and off via an integrated motion detector.

Your advantages

- Tool-free mounting, thanks to the patented snap-in hook system
- Worldwide use, thanks to AC wide range input
- Integrated motion detector saves on MRP and installation costs for door position switches
- Socket enables the operation of external devices even when power is disconnected to the control cabinet
- Series connection reduces cabling effort for control cabinets arranged in series
- Optimum lighting of the control cabinet, thanks to integrated optics
- LED service life of 50,000 h (L70 value) prevents bulb replacement

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 2702228 |
| Packing unit | 1 pc |
| Sales key | DR08 |
| Product key | DRL235 |
| GTIN | 4055626057521 |
| Weight per piece (including packing) | 911.1 g |
| Weight per piece (excluding packing) | 886.9 g |
| Customs tariff number | 94054231 |
| Country of origin | DE |

PLD E 608 W 315/E - LED enclosure light



2702228

<https://www.phoenixcontact.com/us/products/2702228>

Technical data

Product properties

| | |
|-----------------------------|--------------------------------|
| Product type | Enclosure light |
| Application | Control cabinet |
| Mounting position | any |
| For country-specific use in | France |
| | Belgium |
| | Poland |
| Special properties | can be switched in series |
| | including mounting accessories |
| Socket type | Type E |

Electrical properties

| | |
|---|-------|
| Maximum power dissipation for nominal condition | 9.8 W |
|---|-------|

Supply: Module electronics

| | |
|----------------------|---|
| Connection method | Installation coupler |
| Number of positions | 3 |
| Supply voltage range | 85 V AC ... 265 V AC (50/60 Hz) |
| | 100 V AC ... 250 V AC (50/60 Hz, nominal voltage) |
| Current consumption | max. 16 A (from the socket) |
| Power consumption | 9.8 W |

Signaling

Motion detector

| | |
|-------------------|---|
| Detection range | 1.5 m \pm 0.25 m |
| Detection angle | 35 ° \pm 5° (Horizontal and vertical) |
| Lighting duration | 180 s (Retriggered) |

Light properties

| | |
|-------------------------|--|
| Source of light type | LED |
| Number of LEDs | 23 |
| Color temperature | 4000 K |
| Color rendering index | 85 |
| Luminous flux | 685 lm (Net luminous flux) |
| Illumination | max. 1255 lx (50 cm distance) |
| | max. 310 lx (Distance of 1 m) |
| Ordinance | Delegated Regulation (EU) 2019/2015 |
| Energy efficiency class | G (1 light source) |
| Note | This product contains an energy efficiency class E light source. |

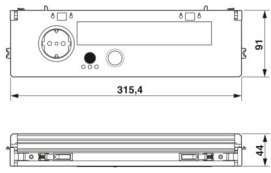
Dimensions

PLD E 608 W 315/E - LED enclosure light



2702228

<https://www.phoenixcontact.com/us/products/2702228>

| | |
|---------------------|--|
| Dimensional drawing |  |
| Width | 91 mm |
| Height | 44 mm |
| Length | 315.4 mm |

Material specifications

| | |
|------------------|-------------------------|
| Color | traffic gray A RAL 7042 |
| Material | Plastic |
| Housing material | Plastic |

Environmental and real-life conditions

Ambient conditions

| | |
|--|---|
| Ambient temperature (operation) | -25 °C ... 60 °C |
| Degree of protection | IP20 |
| Air pressure (operation) | 70 kPa ... 106 kPa (up to 3000 m above sea level) |
| Air pressure (storage/transport) | 70 kPa ... 106 kPa (up to 3000 m above sea level) |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C |
| Permissible humidity (operation) | 5 % ... 95 % |
| Permissible humidity (storage/transport) | 5 % ... 95 % |

Mechanical test

| | |
|--|--|
| Vibration resistance in accordance with EN 60068-2-6/IEC 60068-2-6 | 5g |
| Shock in accordance with EN 60068-2-27/IEC 60068-2-27 | 25g, 11 ms period, half-sine shock pulse |
| Continuous shock in accordance with EN 60068-2-27/IEC 60068-2-27 | 10g |

Standards and regulations

| | |
|------------------|---|
| Protection class | I |
|------------------|---|

Mounting

| | |
|-------------------|---|
| Mounting type | Snap-in hook system |
| Assembly note | Magnet attachment available as an accessory |
| | Screw fixings available as accessories |
| Mounting position | any |

PLD E 608 W 315/E - LED enclosure light

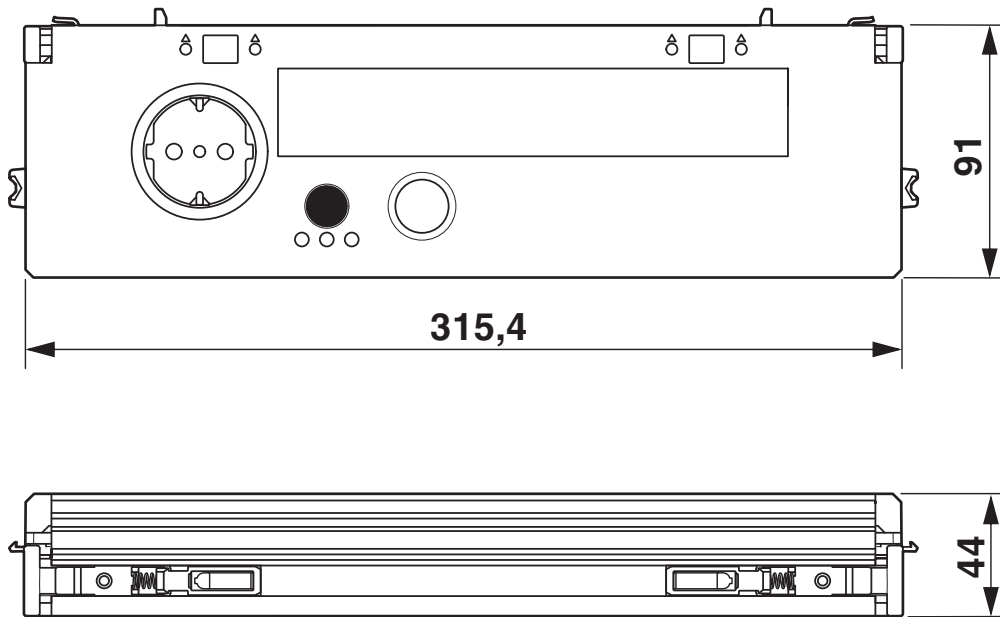


2702228

<https://www.phoenixcontact.com/us/products/2702228>

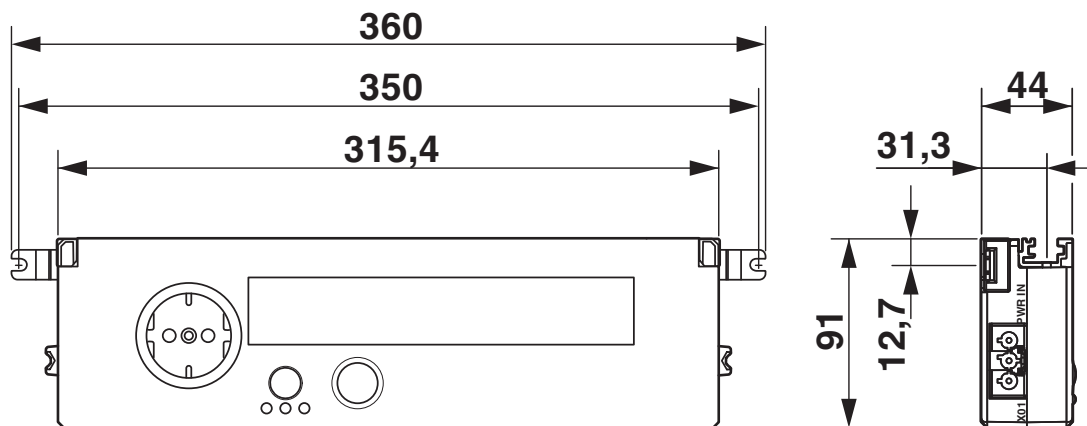
Drawings

Dimensional drawing



Dimensional drawing

Dimensional drawing



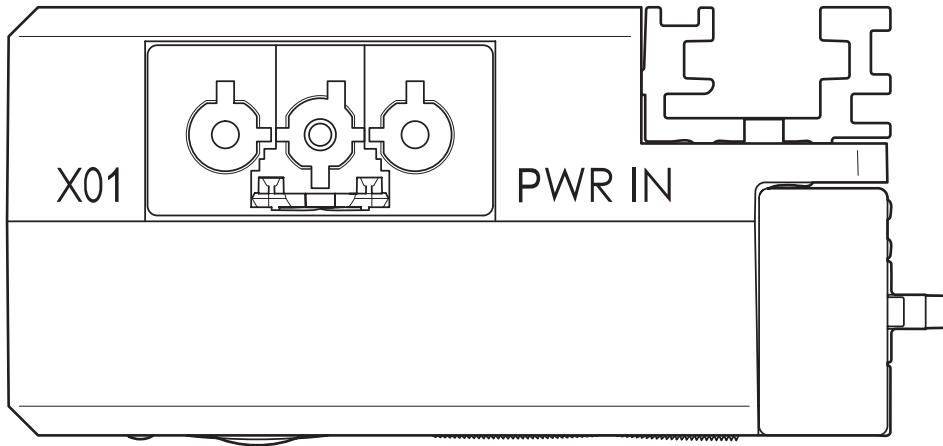
Dimensional drawing for screw mounting

PLD E 608 W 315/E - LED enclosure light

2702228

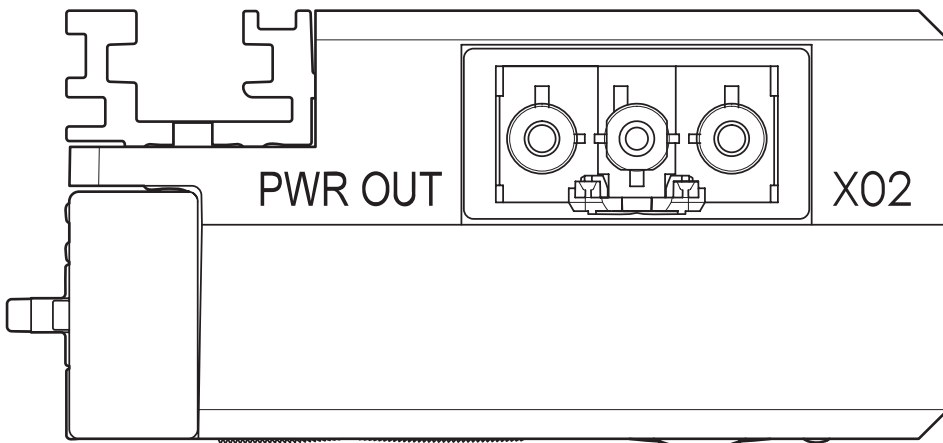
<https://www.phoenixcontact.com/us/products/2702228>

Connection diagram



Connection of the supply voltage of a light

Connection diagram



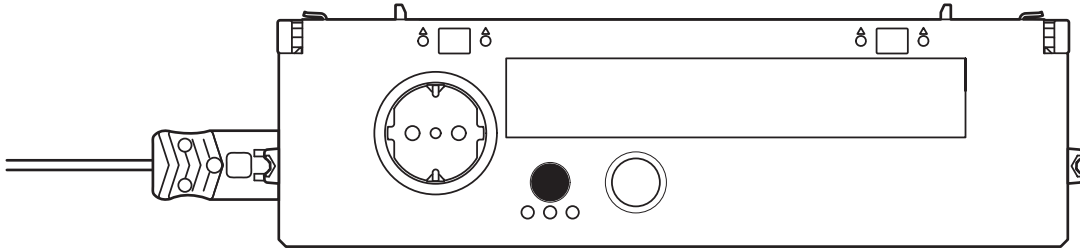
Forwarding of the supply voltage with the series connection of lights

PLD E 608 W 315/E - LED enclosure light

2702228

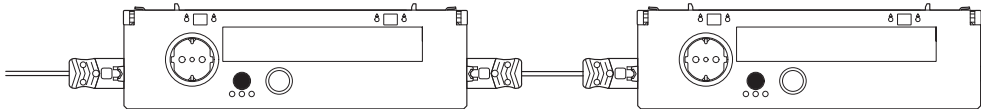
<https://www.phoenixcontact.com/us/products/2702228>

Schematic diagram



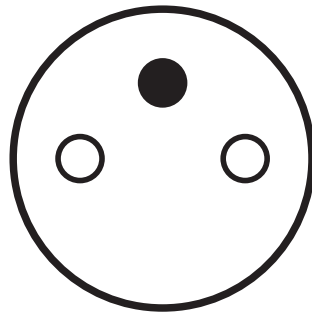
Connection of a light

Schematic diagram



Series connection of two lights

Schematic diagram



Type E socket

PLD E 608 W 315/E - LED enclosure light



2702228

<https://www.phoenixcontact.com/us/products/2702228>

Classifications

ECLASS

ECLASS-13.0

27182808

UNSPSC

UNSPSC 21.0

32151500

PLD E 608 W 315/E - LED enclosure light



2702228

<https://www.phoenixcontact.com/us/products/2702228>

Environmental product compliance

China RoHS

| | |
|--|--|
| Environment friendly use period (EFUP) | EFUP-E |
| | No hazardous substances above the limits |

EU REACH SVHC

| | |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com