

# PLD E 706 W 395 F - LED enclosure light



1319564

<https://www.phoenixcontact.com/pc/products/1319564>

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LED enclosure light, 230 V AC, length: 395 mm, degree of protection: IP20, with motion detector, Socket type F (Schuko - with ground contact), including mounting accessories

## Product description

The LED light is designed to illuminate the interior of control cabinets. The integrated optics ensure optimum illumination of the control cabinet. You can connect several lights in succession. An integrated motion detector switches the light on and off.

## Your advantages

- 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                          | 1319564       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Product key                          | DRL235        |
| GTIN                                 | 4063151605018 |
| Weight per piece (including packing) | 1,163.3 g     |
| Weight per piece (excluding packing) | 860 g         |
| Customs tariff number                | 94054239      |
| Country of origin                    | DE            |

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## Technical data

### Product properties

|                             |                 |
|-----------------------------|-----------------|
| Product type                | Light           |
| Mounting position           | any             |
| For country-specific use in | Germany         |
|                             | Finland         |
|                             | Greece          |
|                             | Luxembourg      |
|                             | Netherlands     |
|                             | Norway          |
|                             | Austria         |
|                             | Portugal        |
|                             | Russia          |
|                             | Sweden          |
|                             | Spain           |
| Turkey                      |                 |
| Application                 | Control cabinet |
| Socket                      | Type F          |

### Electrical properties

Supply: Module electronics

|                     |                      |
|---------------------|----------------------|
| Connection method   | Installation coupler |
| Number of positions | 3                    |
| Supply voltage      | 230 V AC (50/60 Hz)  |
| Current consumption | max. 16 A            |
| Power consumption   | 13 W                 |

### Signaling

Motion detector

|                   |                      |
|-------------------|----------------------|
| Detection range   | max. 5 m             |
| Detection angle   | 100 °                |
| Lighting duration | 5 min. (Retriggered) |

Light properties

|                                  |                                |
|----------------------------------|--------------------------------|
| Source of light type             | LED                            |
| Number of LEDs                   | 36                             |
| Service life, lighting appliance | 50,000 h (L70)                 |
| Color temperature                | 5700 K                         |
| Color rendering index            | 85                             |
| Luminous flux                    | 1200 lm (Net luminous flux)    |
| Illumination                     | max. 3300 lx (50 cm distance)  |
|                                  | max. 1040 lx (Distance of 1 m) |

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|                         |  |
|-------------------------|--|
| Ordinance               | Delegated Regulation (EU) 2019/2015                              |
| Energy efficiency class | E (1 light source)   |
| Note                    | This product contains an energy efficiency class E light source. |

## Dimensions

|                     |        |
|---------------------|--------|
| Dimensional drawing |        |
| Width               | 118 mm |
| Height              | 55 mm  |
| Length              | 395 mm |

## Environmental and real-life conditions

### Ambient conditions

|  |                  |
|--|------------------|
| Ambient temperature (operation)          | -25 °C ... 60 °C |
| Degree of protection                     | IP20             |
| Ambient temperature (storage/transport)  | -40 °C ... 85 °C |
| Permissible humidity (operation)         | 5 % ... 90 %     |
| Permissible humidity (storage/transport) | 5 % ... 90 %     |

## Standards and regulations

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

## Mounting

|                   |                |
|-------------------|----------------|
| Mounting type     | Screw mounting |
| Mounting position | any            |

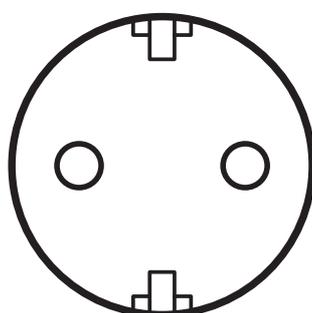
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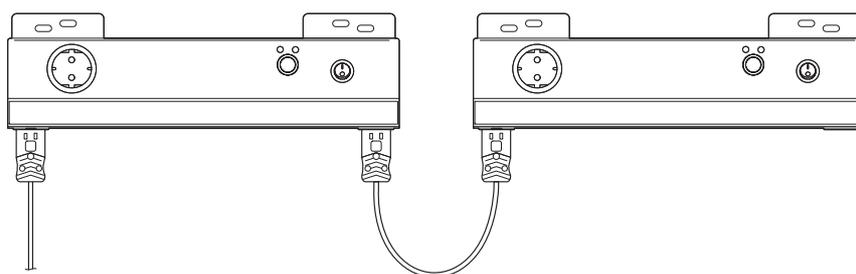
## Drawings

Schematic diagram



## Type F socket

Schematic diagram



Series connection of two lights

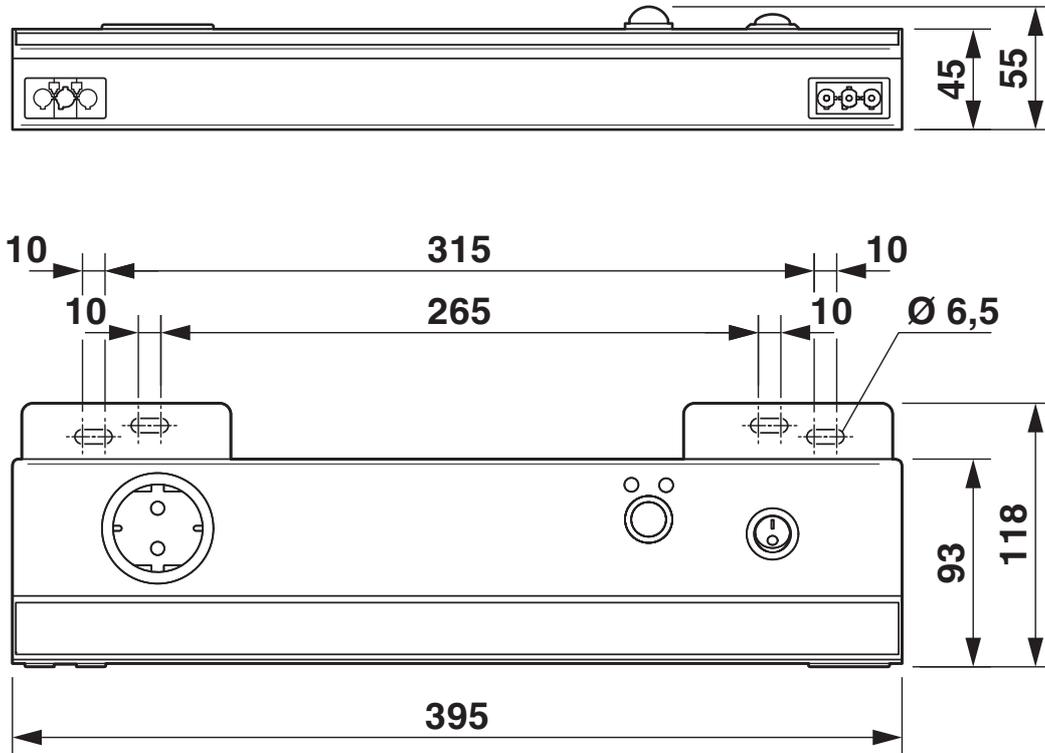
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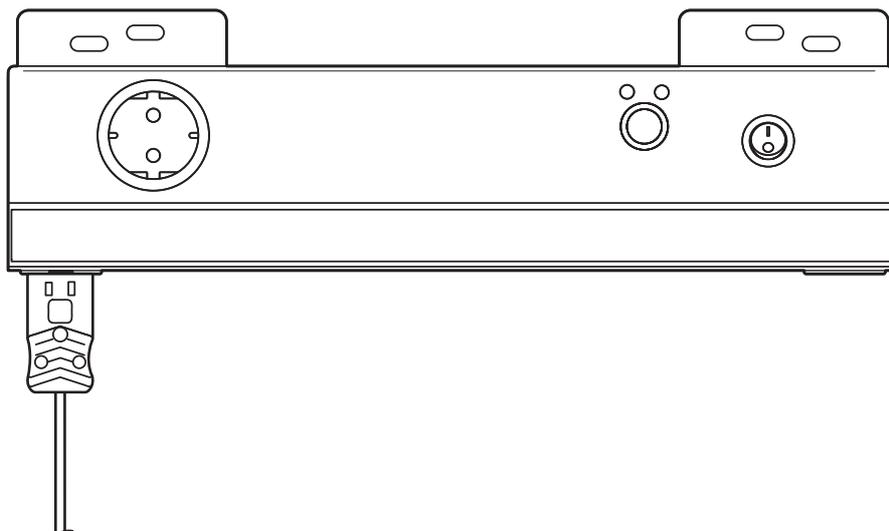
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Dimensional drawing



Dimensional drawing

Schematic diagram



Connection of a light

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27182808 |
| ECLASS-12.0 | 27182808 |
| ECLASS-13.0 | 27182808 |

### ETIM

|          |          |
|----------|----------|
| ETIM 8.0 | EC000321 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 32151500 |
|-------------|----------|

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## Environmental product compliance

|            |   |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

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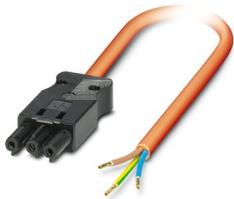
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## Accessories

### PLD E 608-CA-3,0/FS AM - Power cable

2702302

<https://www.phoenixcontact.com/pc/products/2702302>



Power cable, 3-position, PVC, orange RAL 2004, free cable end, on Socket straight, cable length: 3 m

### PLD E 608-CA-MS/1,0/FS AM - Power cable

2702304

<https://www.phoenixcontact.com/pc/products/2702304>



Power cable, 3-position, PVC, orange RAL 2004, Plug straight, coding: black, on Socket straight, coding: black, cable length: 1 m

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