

LED enclosure light - PLD E 409 W 350 MS



1319573

<https://www.phoenixcontact.com/us/products/1319573>

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LED enclosure light, 24 V AC/DC ... 240 V AC/DC, length: 350 mm, degree of protection: IP20, can be swiveled ($\pm 90^\circ$ swivel range), with motion detector, including mounting accessories

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 use magnets or screws to affix the light holder. The light can swivel in the holder. Connect the supply voltage to the light via Push-in connection. You do not require special connectors for this. You can connect several lights in succession. A button is used to switch the light on and off.

Your advantages

- LED service life of 50,000 h (L70 value) prevents bulb replacement
- Series connection reduces cabling effort for control cabinets arranged in series
- Swiveling enables optimum adjustment to the relevant control cabinet depth
- Optimum lighting of the control cabinet, thanks to integrated prismatics and capacity to swivel

Commercial Data

Item number	1319573
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	C22
Product Key	DRL232
GTIN	4063151604172
Weight per Piece (including packing)	232.2 g
Weight per Piece (excluding packing)	150 g
Customs tariff number	94054231
Country of origin	DE

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Technical Data

Product properties

Product type	Light
Mounting position	any
Application	Control cabinet
Socket	none

Electrical properties

Supply: Module electronics

Connection method	Push-in connection
Number of positions	2
Supply voltage range	24 V AC/DC ... 240 V AC/DC $\pm 5\%$ (50/60 Hz (AC))
Power consumption	6 W

Connection data

Connection method	Push-in connection
Conductor cross section, rigid	0.13 mm ² ... 1.5 mm ²
Conductor cross section, flexible	0.13 mm ² ... 1.5 mm ²
Conductor cross section AWG	24 ... 16
Conductor cross section, flexible, with ferrule, with plastic sleeve	0.5 mm ² ... 0.75 mm ² (DIN 46228-4)
Conductor cross section flexible, with ferrule without plastic sleeve	0.5 mm ² ... 1.5 mm ² (DIN 46228-1)
Stripping length	10 mm

LED 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	18
Service life, lighting appliance	50000 h
Color temperature	5000 K
Color rendering index	85
Luminous flux	700 lm (Net luminous flux)
Illumination	max. 1200 lx (50 cm distance)
	max. 450 lx (Distance of 1 m)
Ordinance	Delegated Regulation (EU) 2019/2015
Energy efficiency class	D (1 light source)
Note	This product contains an energy efficiency class D light source.

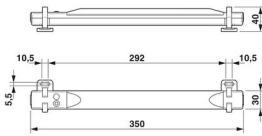
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Dimensions

Dimensional drawing	
Width	30 mm
Height	40 mm
Length	350 mm

Material specifications

Color	traffic grey A RAL 7042
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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

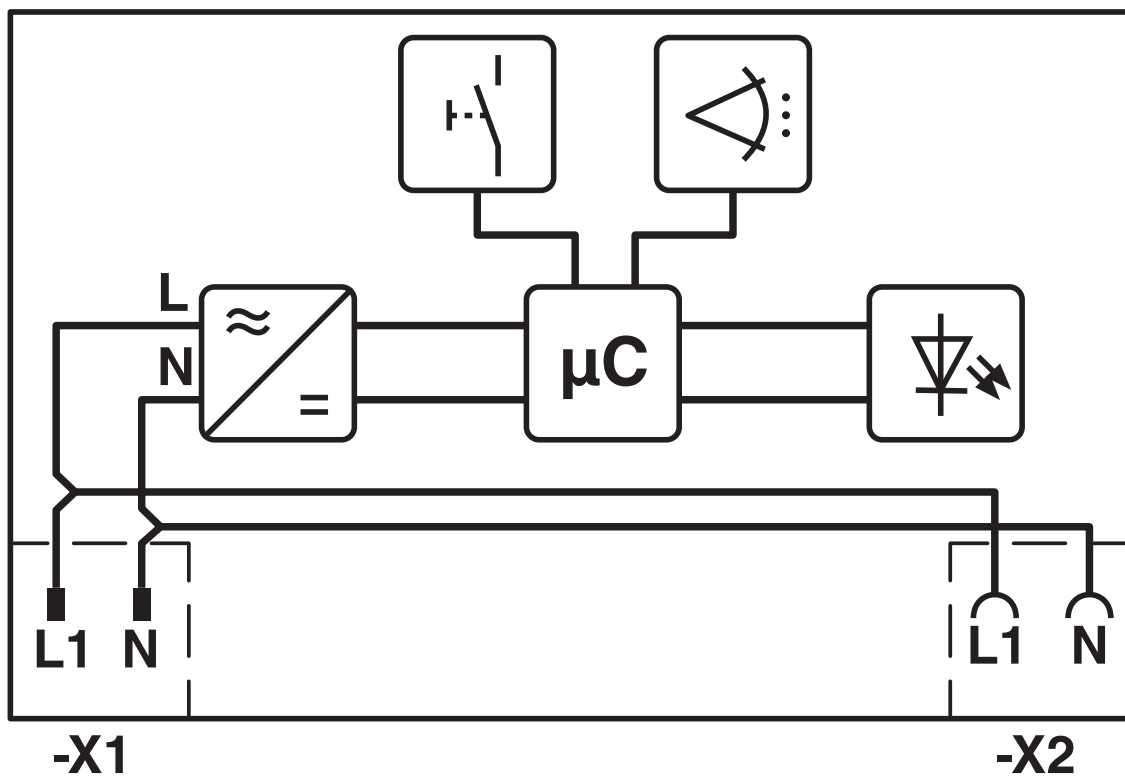
Protection class	II
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Mounting

Mounting type	Screw/magnet mounting
Mounting position	any

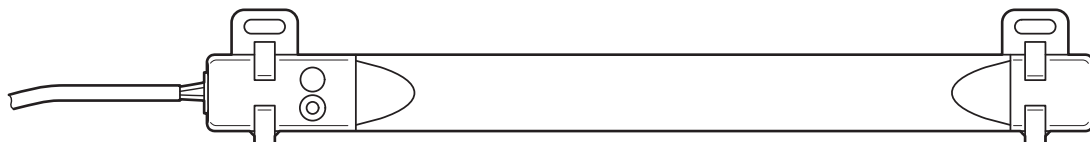
Drawings

Block diagram



Internal wiring

Schematic diagram



Connection of a light

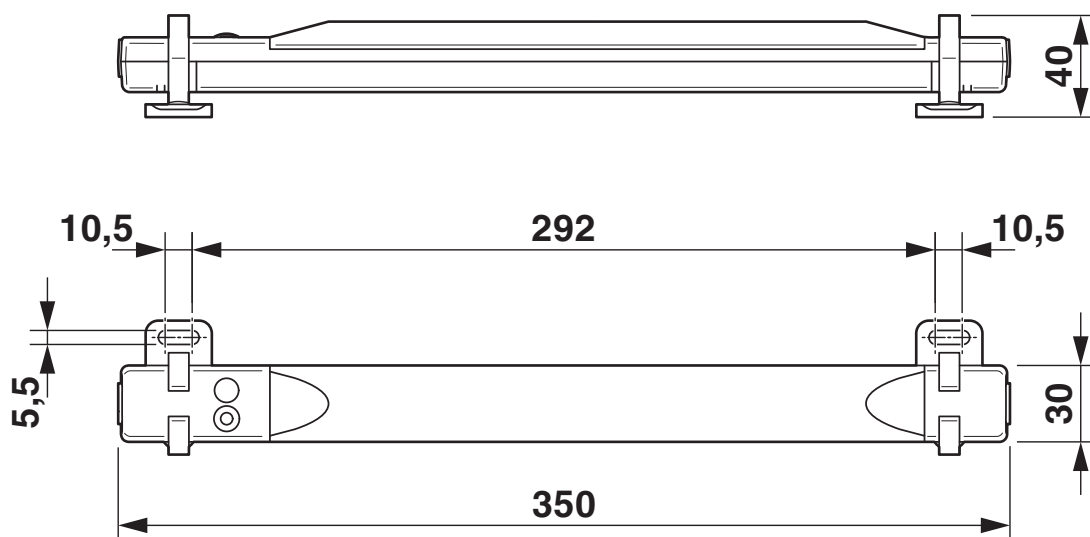
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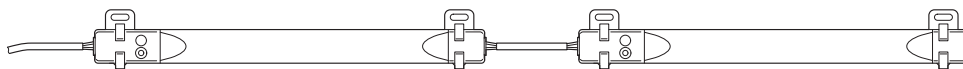
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Dimensional drawing



Dimensions (in mm)

Schematic diagram



Series connection of two lights

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Approvals



cUL Recognized

Approval ID: FILE E 255026



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Classifications

ECLASS

ECLASS-9.0	27189241
ECLASS-10.0.1	27182808
ECLASS-11.0	27182808

ETIM

ETIM 8.0	EC000321
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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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Accessories

Door position switch

Door position switch - PLD E 400-DS-3,0/0,6 - 1318672

<https://www.phoenixcontact.com/us/products/1318672>



Door position switch with 3 m cable with open cable end and 0.6 m cable with open cable end, including mounting accessories

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