PLD E 409 W 350 - LED enclosure light

1319569

https://www.phoenixcontact.com/us/products/1319569

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LED enclosure light, 24 V AC/DC ... 265 V AC/DC, length: 350 mm, degree of protection: IP20, can be swiveled (±90° swivel range), 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. As soon as you have supplied the light with voltage, it is ready for operation and is in ON/OFF mode (delivery state) or in continuous ON mode. You can switch the light on or off or switch it to continuous ON mode via a button.

Your advantages

• Series connection reduces cabling effort for control cabinets arranged in series

• Optimum lighting of the control cabinet, thanks to integrated prismatics and capacity to swivel

• Wide range input 24 V AC/DC ... 265 V AC/DC

• Extended temperature range of -25°C ... +70°C (at 24 V DC)

• LED service life of 50,000 h (L70 value) prevents bulb replacement

Commercial data

Item number	1319569
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR08
Product key	DRL232
GTIN	4063151602888
Weight per piece (including packing)	234 g
Weight per piece (excluding packing)	150 g
Customs tariff number	94054231
Country of origin	DE

Technical data

Notes

Note on application

Note on application	Only for industrial use

Product properties

Product type	Control cabinet lighting
Application	Control cabinet
Mounting position	any
Special properties	24 V AC/DC ... 265 V AC/DC
	can be swiveled (±90° swivel range)
	including mounting accessories
Socket type	No socket

Data management status

Article revision	02

Electrical properties

Supply: Module electronics

Connection method	Push-in connection
Number of positions	2
Supply voltage range	24 V AC/DC ... 265 V AC/DC (50/60 Hz (AC))
Current consumption	250 mA
	28 mA ()
Power consumption	6 W

Connection data

Connection method	Push-in connection
Conductor cross section, rigid	0.13 mm² ... 1.5 mm²
Conductor cross section, flexible	0.13 mm² ... 1.5 mm²
Conductor cross section AWG	24 ... 16
Conductor cross section, flexible, with ferrule, with plastic sleeve	0.5 mm² ... 0.75 mm² (DIN 46228-4)
Conductor cross section flexible, with ferrule without plastic sleeve	0.5 mm² ... 1.5 mm² (DIN 46228-1)
Stripping length	10 mm

Signaling

Light properties

Source of light type	LED
Number of LEDs	18
Color temperature	5000 K
Color rendering index	85

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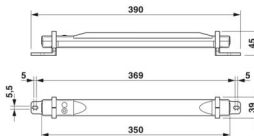https://www.phoenixcontact.com/us/products/1319569

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.

Dimensions

Dimensional drawing	
Width	39 mm
Height	45 mm
Length	390 mm

Material specifications

Color	traffic grey A RAL 7042
Material ()	Polycarbonate (Housing)

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-25 °C ... 60 °C (Standard applications and applications with UL approval)
	-25 °C ... 70 °C (at 24 V DC)
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

Mounting

Mounting type	Screw/magnet mounting
Mounting position	any

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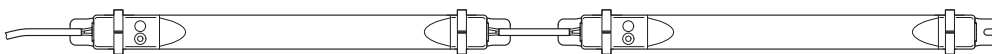https://www.phoenixcontact.com/us/products/1319569

Drawings

Schematic diagram

Series connection of two lights

Dimensional drawing

390

45

5 **369** **5**

5,5

39

350

Dimensions (in mm)

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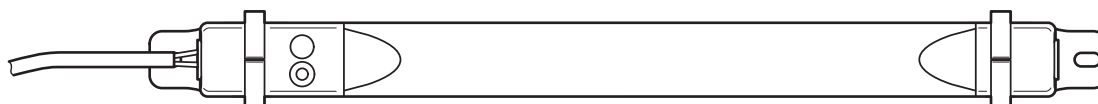https://www.phoenixcontact.com/us/products/1319569

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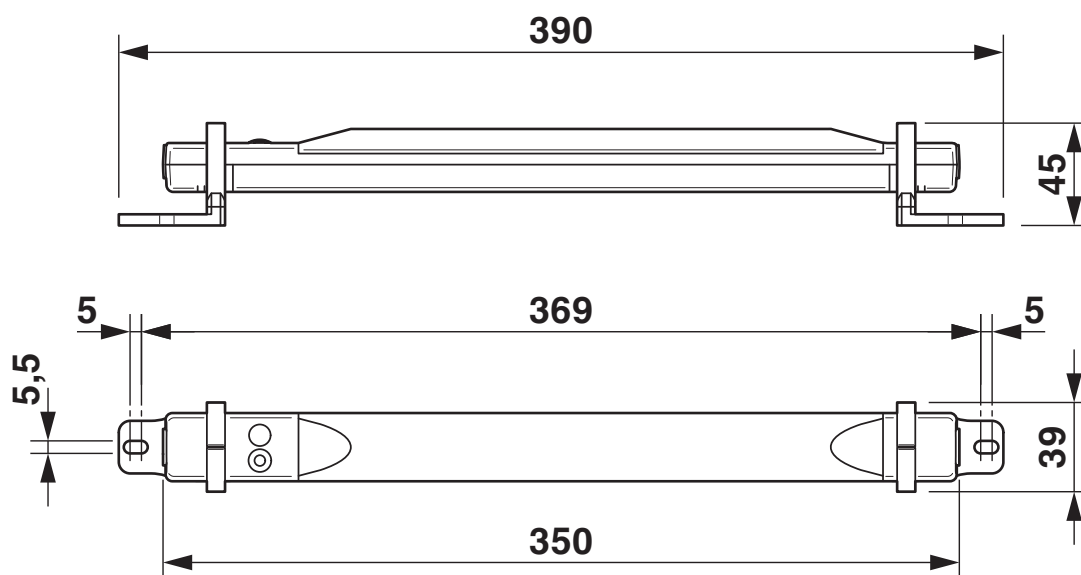
Block diagram
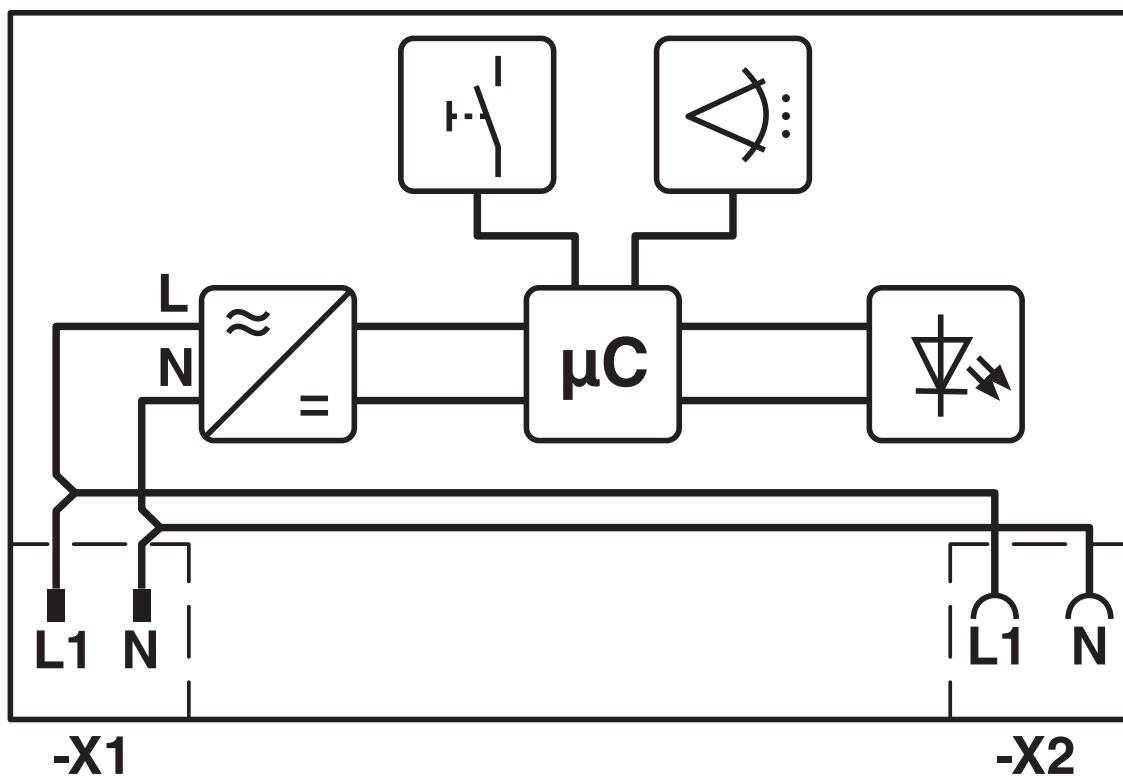
Internal wiring (motion detector only with PLD E 409 W 350 MS)

Schematic diagram

Connection of a light

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Approvals

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Classifications

ECLASS

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

ETIM

ETIM 9.0	EC000321

UNSPSC

UNSPSC 21.0	32151500

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

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%

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