PLD E 708 W 400 MS/B - LED enclosure light

1694092

https://www.phoenixcontact.com/us/products/1694092

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LED enclosure light, AC wide range input, color temperature 5000 K, with motion detector, type B socket (e.g., for USA and Canada)

Product description

The LED light is designed to illuminate the interior of control cabinets. The integrated optics ensure optimum illumination of the control cabinet. Depending on the requirements, the light can be equipped with mounting elements for screw or snap-in mounting at two positions. The mounting elements are supplied as standard. Mounting with magnets is also possible. The magnets are available as accessories. You can connect several lights in succession. You can control the light mode via a switch. You can switch the light on or off permanently or enable automatic mode. In automatic mode, the light is switched on and off via an integrated motion detector.

Your advantages

- Optimum illumination of the control cabinet thanks to glare-free optics
- Integrated motion detector
- Socket enables the operation of external devices
- AC wide-range input
- Optical power 1400 lm
- Color temperature 5000 K (neutral white)

Commercial data

Item number	1694092
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR08
Product key	DRL235
GTIN	4067923255562
Weight per piece (including packing)	600 g
Weight per piece (excluding packing)	470 g
Customs tariff number	94054231
Country of origin	DE

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Technical data

Product properties

Application	Control cabinet
Mounting position	any
For country-specific use in	USA
	Canada
	Brazil
	Japan
Special properties	can be switched in series
	including mounting accessories
Socket type	Type B
Light color	Neutral white

Electrical properties

Supply: Module electronics

Supply voltage range	100 V AC ... 125 V AC (50/60 Hz)
Current consumption	max. 10 A (from the socket)
Power consumption	11 W (LEDs)

Signaling

Motion detector

Detection range	max. 1.8 m
Detection angle	87 °
Lighting duration	180 s (Retriggered)

Light properties

Source of light type	LED
Number of LEDs	32
Light color	Neutral white
Color temperature	5000 K
Color rendering index	84
Luminous flux	1400 lm (Net luminous flux)
Illumination	max. 5920 lx (Along the optical axis, distance: 50 cm)
	max. 1480 lx (Along the optical axis, distance: 1 m)
Ordinance	Delegated Regulation (EU) 2019/2015
Energy efficiency class	C (1 light source)
Note	This product contains an energy efficiency class C light source.

Dimensions

Width	77 mm
Height	55 mm
Length	341 mm

Material specifications

Color (Housing)	black (RAL 9005)
Material	PC-ABS (Housing)
	highly transparent polycarbonate (Visual appearance)
Housing material	Plastic

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-20 °C ... 55 °C
Degree of protection	IP20
Air pressure (operation)	70 kPa ... 106 kPa (up to 2000 m above sea level)
Air pressure (storage/transport)	70 kPa ... 106 kPa (up to 2000 m above sea level)
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Permissible humidity (operation)	5 % ... 85 % (non-condensing)
Permissible humidity (storage/transport)	5 % ... 85 % (non-condensing)

Mounting

Mounting type	Screw mounting
	Snap-on assembly
Assembly note	Magnet attachment available as an accessory
Mounting position	any

Drawings

Schematic diagram
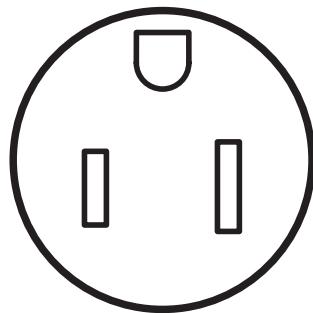
Type B socket (NEMA 5-15)

Schematic diagram

PWR IN

PWR OUT

L ⏚ N   L ⏚ N
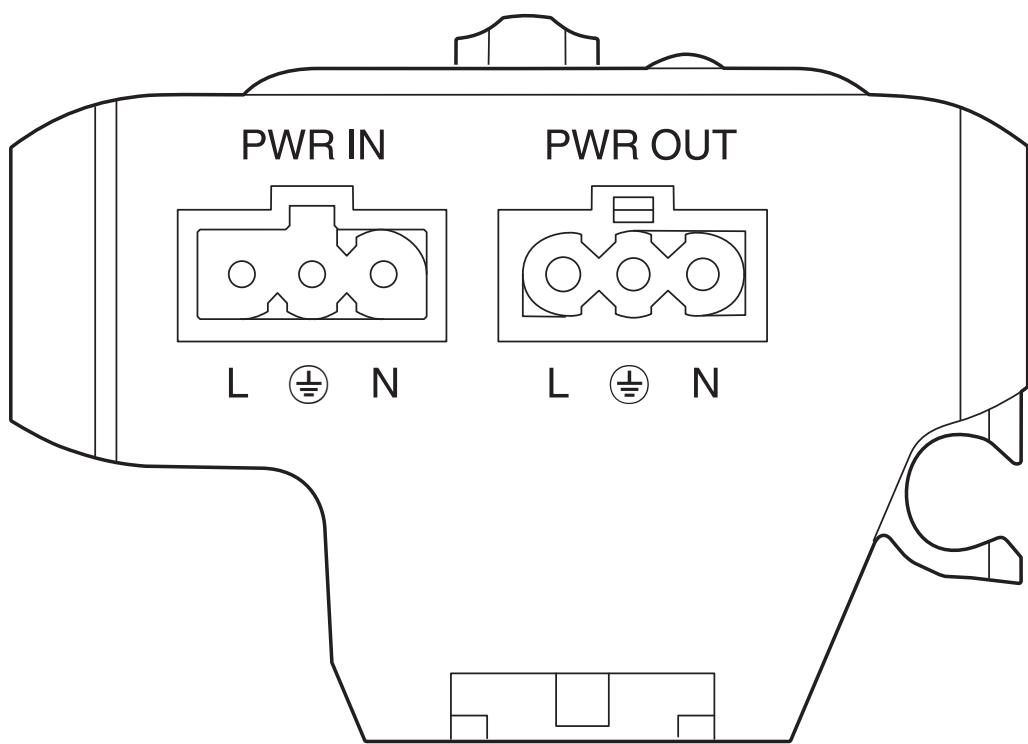
Pin assignment

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Approvals

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cULus Recognized
Approval ID: E255026

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Classifications

ECLASS

ECLASS-13.0	27182808
ECLASS-15.0	27182808

ETIM

ETIM 10.0	EC000321

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%