LED enclosure light - PLD E 409 W 350 MS - 1319573

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LED enclosure light, color temperature 5000 K, length 350 mm, Housing: Polycarbonate, can be swiveled, can be switched in series, 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

- 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
- Swiveling enables optimum adjustment to the relevant control cabinet depth
- LED service life of 50,000 h (L70 value) prevents bulb replacement

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	4 063151 604172
GTIN	4063151604172
Custom tariff number	94054039
Country of origin	Germany

Technical data

Dimensions

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Technical data

Dimensions

Width	30 mm
Height	40 mm
Length	350 mm

Ambient conditions

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

General

Socket	none
Color	traffic grey A RAL 7042
Net weight	150 g
Mounting type	Screw mounting
	Magnet mounting
Mounting position	any

Power supply for module electronics

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

Connection data

Connection method	Push-in connection
Conductor cross section solid min.	0.13 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section flexible min.	0.13 mm²
Conductor cross section flexible max.	1.5 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	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

Light properties

Source of light type	LED
Number of LEDs	18

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Technical data

Light properties

Service life, lighting appliance	50000 h
Light color	Neutral white
Color temperature / wavelength	5000 K
Color rendering index	85
Luminous flux	700 lm (Net luminous flux)
Illumination	max. 1200 lx (50 cm distance)
Energy efficiency class	Delegated Regulation (EU) 2019/2015
	This product contains an energy efficiency class D light source.
	D (1 light source)

Motion detector

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

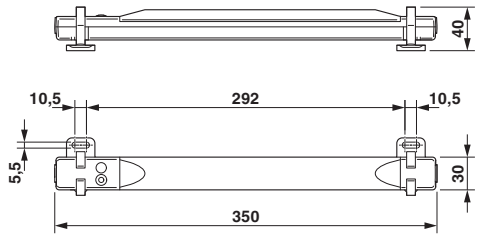
Standards and Regulations

Immunity to ESD	Immunity test in accordance with EN 61000-6-2/IEC 61000-6-2 Electrostatic discharge (ESD) EN 61000-4-2/IEC 61000-4-2 Criterion A, 4 kV contact discharge, 8 kV air discharge
Immunity to EF	Immunity test in accordance with EN 61000-6-2/IEC 61000-6-2 Electromagnetic fields EN 61000-4-3/IEC 61000-4-3 Criterion A, Field intensity: 10 V/m
Immunity to burst	Immunity test in accordance with EN 61000-6-2/IEC 61000-6-2 Fast transients (burst) EN 61000-4-4/IEC 61000-4-4 Criterion A, ±2 kV
Immunity to surge	Immunity test in accordance with EN 61000-6-2/IEC 61000-6-2 Transient overvoltage (surge) EN 61000-4-5/IEC 61000-4-5 Criterion A, ±1 kV
Immunity to conducted interference	Immunity test in accordance with EN 61000-6-2/IEC 61000-6-2 Conducted interference EN 61000-4-6/IEC 61000-4-6 Criterion A, Test voltage 10 V
Interference emission	Noise emission test in accordance with EN 55015/IEC 55015
Mechanical tests	Vibration resistance in acc. with EN 60068-2-6/IEC 60068-2-6 5g
	Shock in acc. with EN 60068-2-27/IEC 60068-2-27 25g
	Continuous shock according to EN 60068-2-27/IEC 60068-2-27 10g
Protection class	II

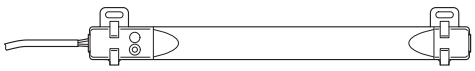
Drawings

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Dimensional drawing

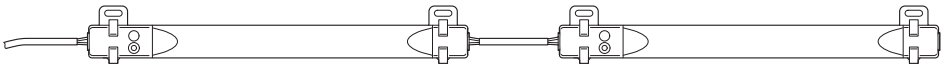


Schematic diagram



Connection of a light

Schematic diagram



Series connection of two lights

Classifications

eCl@ss

eCl@ss 10.0.1	27182808
eCl@ss 11.0	27182808
eCl@ss 9.0	27189241

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approval details

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Approvals

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 255026

mm²/AWG/kcmil	30-14

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 255026

mm²/AWG/kcmil	30-14

cULus Recognized	

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