LED enclosure light - PLD E 400 W 375

2702222

https://www.phoenixcontact.com/us/products/2702222

LED enclosure light, 24 V DC, length: 375 mm, degree of protection: IP20, can be swiveled, can be switched in series, 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 mount the light without tools via the clip system. You can connect several lights in succession. You can switch the light on and off either via the integrated button or via an external door position switch.

Your advantages

• Tool-free mounting, thanks to clip fastening

• Wiring via sensor/actuator cables with M8 snap-in technology

• 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

Commercial Data

Item number	2702222
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Sales Key	C22
Product Key	DRL232
Catalog Page	Page 499 (C-6-2019)
GTIN	4055626057781
Weight per Piece (including packing)	218.1 g
Weight per Piece (excluding packing)	170 g
Customs tariff number	94054231
Country of origin	DE

LED enclosure light - PLD E 400 W 375

2702222

https://www.phoenixcontact.com/us/products/2702222

Technical Data

Notes

Utilization restriction

EMC note	EMC: class A product, see manufacturer's declaration in the download area

Product properties

Product type	Light
Mounting position	any
Application	Control cabinet
Socket	none

Electrical properties

Maximum power dissipation for nominal condition	4.2 W

Supply: Module electronics

Connection method	M8 connector (snap-in)
Number of positions	3
Supply voltage	24 V DC
Supply voltage range	19.2 V DC ... 30 V DC
Power consumption	3 W

Connection data

Connection method	M8 connector (snap-in)

LED signaling

Light properties

Source of light type	LED
Number of LEDs	12
Service life, lighting appliance	50,000 h (L70)
Color temperature	5000 K
Color rendering index	75
Luminous flux	340 lm (Net luminous flux)
Illumination	max. 845 lx (50 cm distance)
	max. 210 lx (Distance of 1 m)
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	23 mm
Height	38 mm
Length	375 mm

Material specifications

Color	traffic grey A RAL 7042
Housing material	Plastic

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-25 °C ... 60 °C
Degree of protection	IP20
Air pressure (operation)	70 kPa ... 106 kPa (up to 3000 m above sea level)
Air pressure (storage/transport)	70 kPa ... 106 kPa (up to 3000 m above sea level)
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Permissible humidity (operation)	5 % ... 95 %
Permissible humidity (storage/transport)	5 % ... 95 %

Standards and regulations

Protection class	III

Mounting

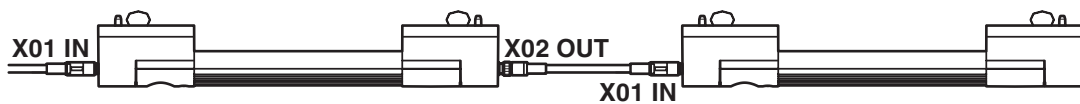| Mounting type	Clip mounting
Assembly instructions	Magnet attachment available as an accessory
	Screw fixings available as accessories
Mounting position	any

Drawings

Schematic diagram

X01 IN   **X02 OUT**   **X01 IN**

Series connection of two lights

Dimensional drawing

Ø 5,7

400

412

12

23

4

375

350

Ø 3,5

38
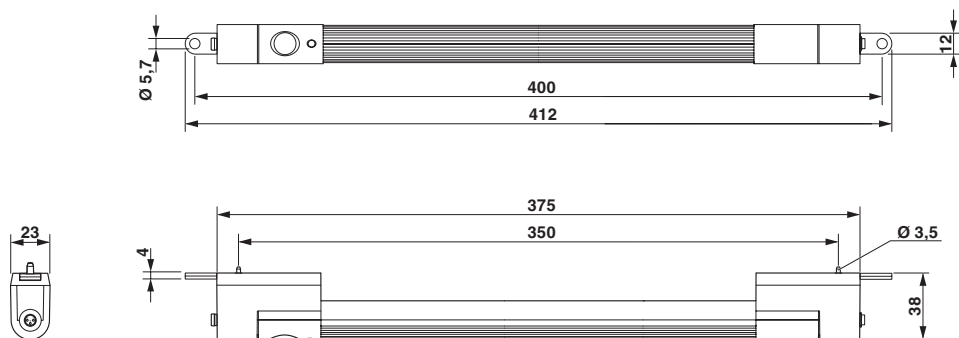
Dimensional drawing for screw mounting

Dimensional drawing
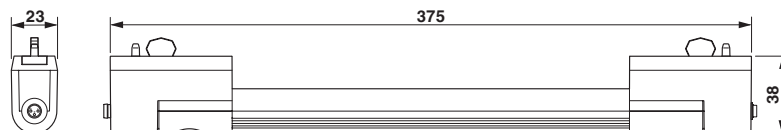
23

375

38

Dimensional drawing

Connection diagram

X01 IN
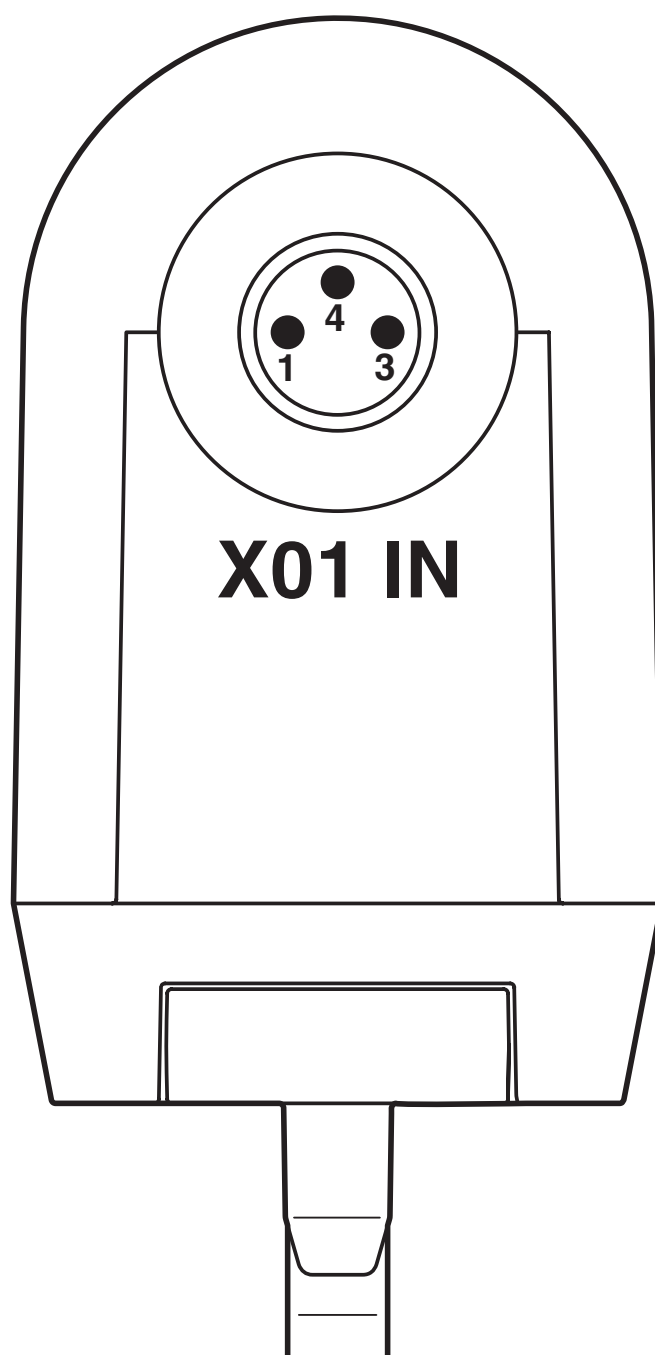
Connection of the supply voltage of a light

Connection diagram

X02 OUT
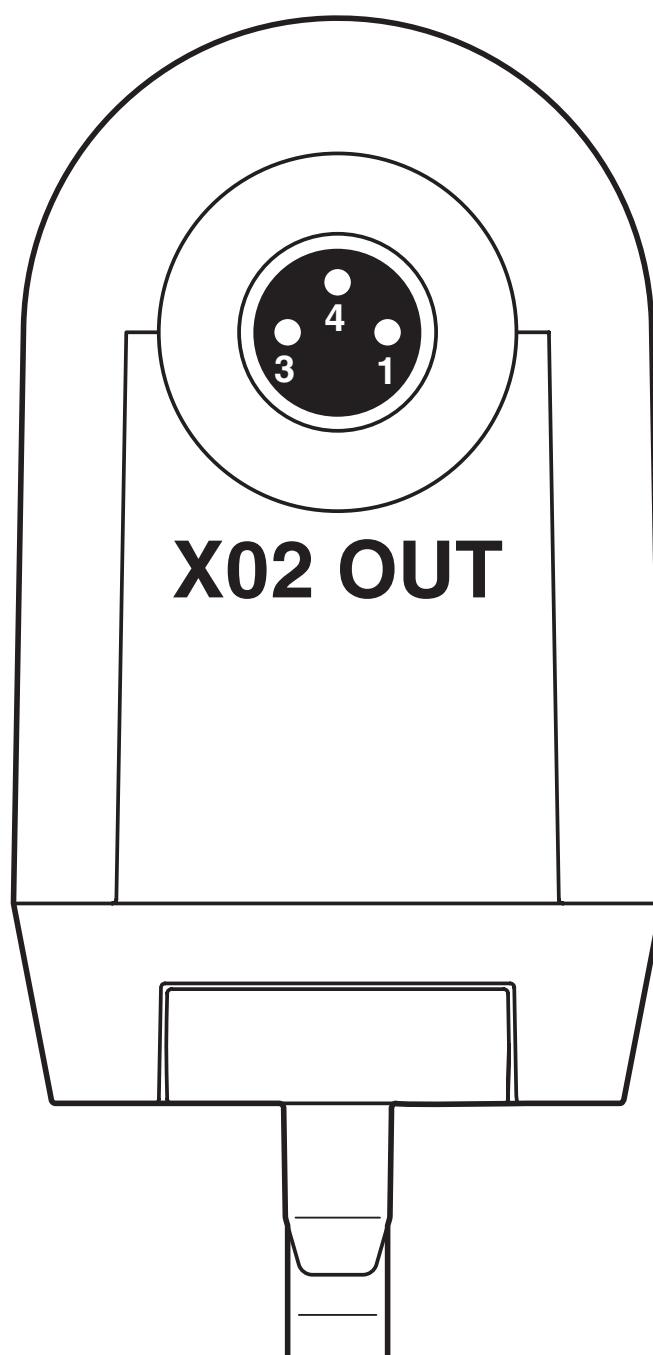
Forwarding of the supply voltage with the series connection of lights

Schematic diagram

X01 IN

Connection of a light

Connection diagram

A

+24 V DC

GND
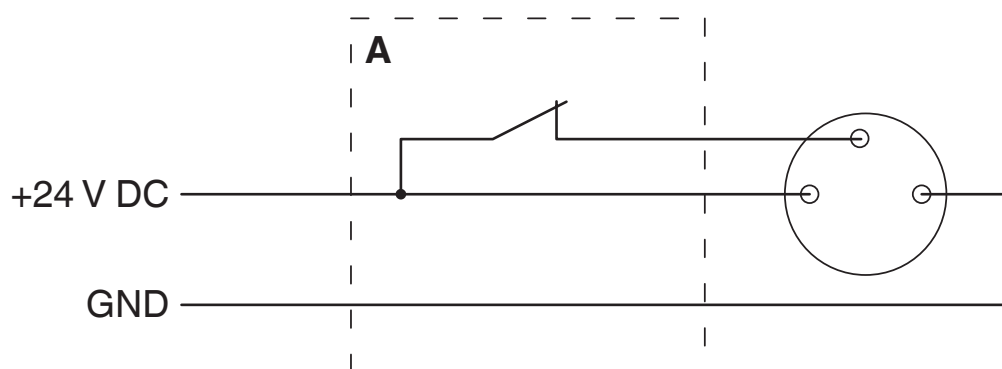
Connection of the light using a door position switch (A)

LED enclosure light - PLD E 400 W 375

2702222

https://www.phoenixcontact.com/us/products/2702222

Classifications

ECLASS

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

ETIM

ETIM 8.0	EC000321

UNSPSC

UNSPSC 21.0	32151500

Environmental Product Compliance

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

Accessories

Power supply unit

Power supply unit - STEP-PS/ 1AC/24DC/0.5 - 2868596

https://www.phoenixcontact.com/us/products/2868596

Primary-switched STEP POWER power supply for DIN rail mounting, input: 1-phase, output: 24 V DC/0.5 A

Power supply unit

Power supply unit - STEP-PS/ 1AC/24DC/0.75/FL - 2868622

https://www.phoenixcontact.com/us/products/2868622

Primary-switched STEP POWER power supply for DIN rail mounting, input: 1-phase, output: 24 V DC/0.75 A

LED enclosure light - PLD E 400 W 375

2702222

https://www.phoenixcontact.com/us/products/2702222

Mains plug

Mains plug - PLD E 400-PS/1AC/24DC/12W - 2702435

https://www.phoenixcontact.com/us/products/2702435

Plug-in power supply unit for class 400 LED enclosure lights, including country-specific plug adapters for Europe, Great Britain, USA and Australia; max. output voltage 12 W

Mains plug

Mains plug - PLD E 400-PS/1AC/24DC/30W - 2702436

https://www.phoenixcontact.com/us/products/2702436

Plug-in power supply unit for class 400 LED enclosure lights, including country-specific plug adapters for Europe, Great Britain, USA and Australia; max. output voltage 30 W

LED enclosure light - PLD E 400 W 375

2702222

https://www.phoenixcontact.com/us/products/2702222

Sensor/actuator cable

Sensor/actuator cable - SAC-3P- 3,0-PUR/M 8SIFS AE - 1417698

https://www.phoenixcontact.com/us/products/1417698

Sensor/actuator cable, 3-position, PUR halogen-free, black-gray RAL 7021, free cable end, on Socket straight M8 Snap-in, cable length: 3 m, with ferrules

Sensor/actuator cable

Sensor/actuator cable - SAC-3P-M 8MS/ 0,6-PUR/M 8SIFS - 1417699

https://www.phoenixcontact.com/us/products/1417699

Sensor/actuator cable, 3-position, PUR halogen-free, black-gray RAL 7021, Plug straight M8, on Socket straight M8 Snap-in, cable length: 0.6 m

LED enclosure light - PLD E 400 W 375

2702222

https://www.phoenixcontact.com/us/products/2702222

Sensor/actuator cable

Sensor/actuator cable - SAC-3P-M 8MS/ 1,0-PUR/M 8SIFS - 1417700

https://www.phoenixcontact.com/us/products/1417700

Sensor/actuator cable, 3-position, PUR halogen-free, black-gray RAL 7021, Plug straight M8, on Socket straight M8 Snap-in, cable length: 1 m

Sensor/actuator cable

Sensor/actuator cable - SAC-3P-M 8MS/ 3,0-PUR/M 8SIFS - 1417701

https://www.phoenixcontact.com/us/products/1417701

Sensor/actuator cable, 3-position, PUR halogen-free, black-gray RAL 7021, Plug straight M8, on Socket straight M8 Snap-in, cable length: 3 m

Door position switch

Door position switch - PLD E 400-DS-3,0/FS/0,6 - 2702336

https://www.phoenixcontact.com/us/products/2702336

Door position switch with 3 m cable with open cable end and 0.6 m cable with M8 socket (Snap-in), including mounting accessories

---

Door position switch

Door position switch - PLD E 400-DS-MS/1,0-FS/0,6 - 2702337

https://www.phoenixcontact.com/us/products/2702337

Door position switch with 1 m cable with M8 plug and 0.6 m cable with M8 socket (Snap-in), including mounting accessories

---

LED enclosure light - PLD E 400 W 375

2702222

https://www.phoenixcontact.com/us/products/2702222

Mounting material

Mounting material - PLD E 400-ME MM - 2702312

https://www.phoenixcontact.com/us/products/2702312

Set for magnetic mounting of class 400 PLD enclosure lights

Mounting material

Mounting material - PLD E 400-ME SM - 2702313

https://www.phoenixcontact.com/us/products/2702313

Set for screw mounting of class 400 PLD enclosure lights, including screws and washers

LED enclosure light - PLD E 400 W 375

2702222

https://www.phoenixcontact.com/us/products/2702222

Mounting material

Mounting material - PLD E 400-ME CM - 2702314

https://www.phoenixcontact.com/us/products/2702314

Set consisting of two clip retainers for class 400 PLD enclosure lights (replacement part)

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com