PSD-S 50 OE LED CL - Optical element

1017888

https://www.phoenixcontact.com/us/products/1017888

PHŒNIX CONTACT

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Permanent light element, 16 V DC ... 26 V DC, clear, LED

Product description

This optical signal element is designed to be part of a modular signal tower. According to your requirements, a signal tower can be combined as desired, from a maximum of five signal elements. Only use an audible signal element as the top element. A bayonet locking system establishes the mechanical and electrical connection between the elements. Connection elements with spring-cage connection can be used for electrical connection of the signal tower. Various accessories are available to assemble the signal tower.

Your advantages

- Tool-free element changeover
- Can be freely combined
- High light and color intensity
- Minimum LED service life of 50,000 h
- Low power consumption
- Degree of protection IP65

Commercial data

Item number	1017888
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR07
Product key	DRL112
GTIN	4055626501093
Weight per piece (including packing)	47.3 g
Weight per piece (excluding packing)	47.3 g
Customs tariff number	85318070
Country of origin	AT

Technical data

Notes

Note on application

Note on application	Only for industrial use

Product properties

Product type	Optical element
Area of application	Signal tower
Base	B15d (bayonet)

Data management status
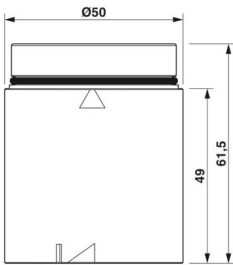
Article revision	00

Electrical properties

General

Input voltage	24 V DC
Nominal input voltage range	16 V DC ... 26 V DC
Maximum inrush current	max. 500 mA
Current consumption	max. 35 mA
Source of light type	LED
Operating time	100 %
Service life electrical	max. 100,000 h
Optical signal type	Permanent light

Dimensions

Dimensional drawing	
Height	61.5 mm
Diameter	50 mm

Material specifications

Calotte color	clear
Material	Polycarbonate PC

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65 (when installed or with end cover)
Ambient temperature (operation)	-30 °C ... 60 °C

EMC data

Electromagnetic compatibility	Conformance with EMC Directive 2014/30/EU

Mounting

Mounting type	Plug-in mounting
Assembly note	Rubber seal pre-installed for each element
Mounting position	vertical or horizontal

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Drawings

Dimensional drawing

Ø50

61,5

49
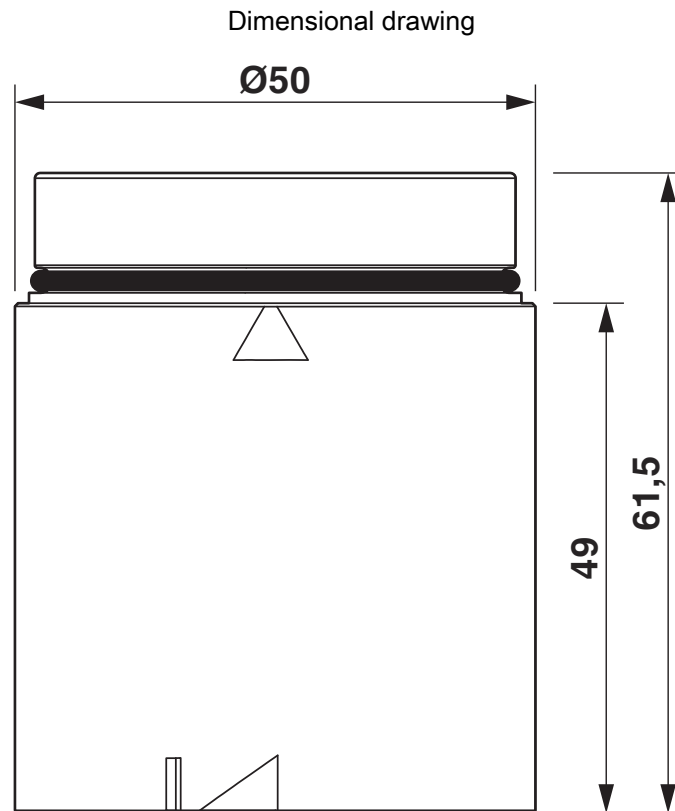
Approvals

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UL Listed
Approval ID: E140324

cUL Listed
Approval ID: E140324

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Classifications

ECLASS

ECLASS-11.0	27371220
ECLASS-12.0	27371220
ECLASS-13.0	27371220

ETIM

ETIM 9.0	EC000232

UNSPSC

UNSPSC 21.0	46171600

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%