PHT22-PL-GN - LED light

1109037

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Indicator, 22 mm, round, green, LED integrated, AC/DC 24 ... 240 V, PT Push-in connection

Your advantages

- 22 mm indicator light with push-in mounting
- Large voltage range 24 ... 240 V AC/DC
- High visibility thanks to bright, uniform light
- Available in different colors
- Robust, touch-proof design for industrial applications

Commercial data

Item number	1109037
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BE6122
Product key	BE6122
GTIN	4063151018962
Weight per piece (including packing)	19 g
Weight per piece (excluding packing)	16.5 g
Customs tariff number	85318070
Country of origin	CN

Technical data

Product properties

Product type	LED display
Number of connections	2
Type of light source	LED
with light source	Yes

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	4 kV

Connection data

Connection method	Push-in connection
Stripping length	8 mm
Conductor cross-section rigid	0.5 mm² ... 2.5 mm²
Conductor cross-section flexible	0.5 mm² ... 1.5 mm²
Conductor cross-section, flexible [AWG]	20 ... 16 (converted acc. to IEC)
2 conductors with same cross section, rigid	0.5 mm² ... 2.5 mm²
2 conductors with the same cross-section AWG rigid	20 ... 16 (converted acc. to IEC)
2 conductors with same cross section, flexible	0.5 mm² ... 1.5 mm²
2 conductors with the same cross-section AWG flexible	20 ... 16 (converted acc. to IEC)
2 conductors with the same cross section, flexible, with ferrule with plastic sleeve	0.5 mm² ... 1.5 mm²
Maximum load current	25 mA
Rated insulation voltage	300 V

Dimensions

Width	30 mm
Height	30 mm
Depth Installation	47.9 mm
Diameter Mounting	22.3 mm

Installation dimensions

Installation depth	28.2 mm

Material specifications

Color	green

Environmental and real-life conditions

Oscillation/broadband noise

Specification	IEC 61373:2010-05

Spectrum	Long life test category 1, class B, body mounted
Frequency	5 Hz ... 150 Hz
Acceleration	0.6 g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Result	Test passed

Shocks

Pulse shape	Half-sine
Acceleration	50g
Shock duration	11 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis
Result	Test passed

Degree of protection (IP code)

Degree of protection	IP66

Ambient conditions

Degree of protection (Connection terminal blocks)	IP20
Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-30 °C ... 85 °C
Permissible humidity (operation)	≤ 95 % ((room temperature 25℃) no condensation)

Standards and regulations

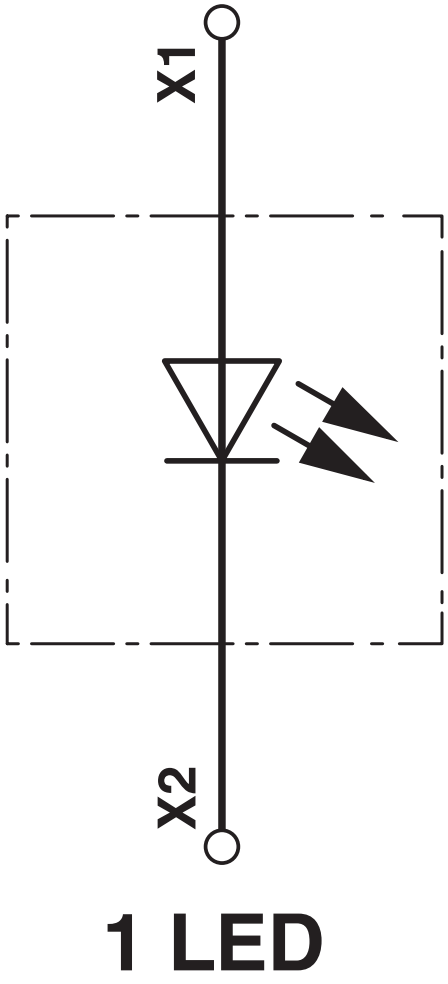
Standards/specifications	IEC 60947-5-1
	GB 14048.5
	UL 60947-5-1

Mounting

Mounting type	Panel mount
Tightening torque	1 Nm ... 1.2 Nm

Drawings

Circuit diagram



Approvals

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cULus Listed
Approval ID: E172140

CCC
Approval ID: 2024010305697836

CCC
Approval ID: 2025010305806583

TÜV Rheinland
Approval ID: R CN21G3UE 001

Classifications

ECLASS

ECLASS-15.0	27110350
ECLASS-13.0	27371302

ETIM

ETIM 10.0	EC002975

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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