

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



2702436

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

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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



Product description

The plug-in power supply unit is intended for supplying power to class 400 LED enclosure lights. A power supply unit and four country-specific plug adapters, e.g., for Europe, Great Britain, the USA, and Australia, are supplied as standard. By connecting the country-specific plug adapter to the power supply unit, you can adapt the plug-in power supply unit to the installation location.

Your advantages

- High efficiency
- Minimum standby power dissipation ≤ 0.1 W
- IP42-tested interchangeable adapter system

Commercial data

Item number	2702436
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DR08
Product key	DRL23Z
GTIN	4055626184678
Weight per piece (including packing)	361.2 g
Weight per piece (excluding packing)	222.222 g
Customs tariff number	85044082
Country of origin	DE

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Technical data

Product properties

Product type	Power module
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Insulation characteristics

Protection class	II
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Input data

Nominal input voltage range	100 V AC ... 240 V AC $\pm 10\%$
Voltage type of supply voltage	AC
AC frequency range	50 Hz ... 60 Hz
Protective circuit	Surge protection
	Short-circuit protection
	Overload protection
Typical response time	max. 2 s
Discharge current to PE	max. 250 μ A

Signal

Maximum inrush current	650 mA
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Output data

Efficiency	$\geq 86.95\%$
Nominal output voltage	24 V DC $\pm 5\%$
Residual ripple	120 mV _{PP}
Output power	30 W
Maximum no-load power dissipation	max. 0.1 W
Protective circuit	Surge protection

Dimensions

Dimensional drawing	
Width	55 mm
Height	90 mm
Depth	34 mm

Cable/line

Connecting cable length	2 m
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP42
Ambient temperature (operation)	0 °C ... 40 °C (at maximum load)
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Maximum altitude	2000 m
Permissible humidity (operation)	10 % ... 95 % (non-condensing)

EMC data

Electromagnetic compatibility	Conformance with EMC Directive 2014/30/EU
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Mounting

Mounting type	Plugging into the mains socket
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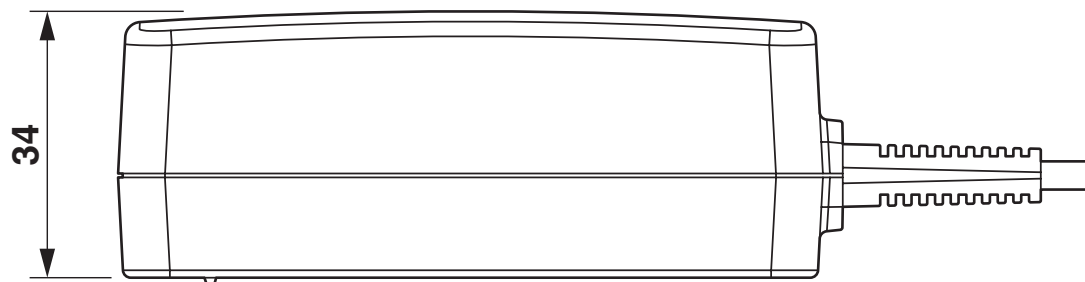
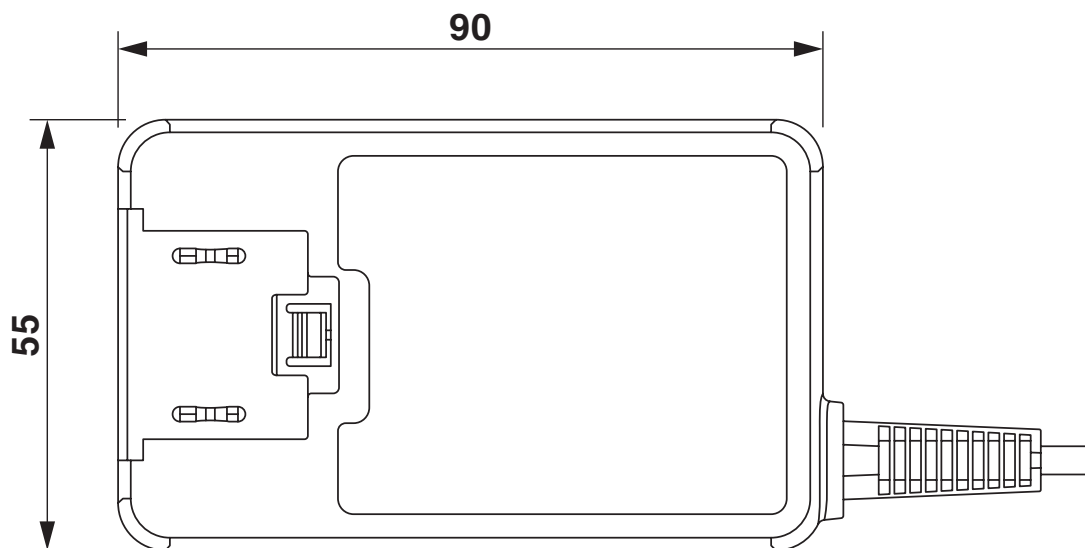


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Drawings

Dimensional drawing



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Classifications

UNSPSC

UNSPSC 21.0	39111500
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c), 7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-25
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
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