

INDUSTRIAL COMPONENT DATA

UNO-PS/1AC/48DC/100W 2902996 PHOENIX CONTACT Power supply unit

Brand: PHOENIX CONTACT | Manufacturer Part Number: UNO-PS/1AC/48DC/100W



Manufacturer	PHOENIX CONTACT
MPN / Reference	UNO-PS/1AC/48DC/100W
Catalog number	2902996
Category	DC-power supply
Minimum order	1 Pcs
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Product Overview

Power supply unit

UNO POWER Primary Switch-On Power Rail Mountable Power Supply, Input: Single Phase, Output: 48 V DC/100 W

UNO POWER switching power supply for rail mounting, input: single phase, output: 48 V DC / 100 W

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path **PHOENIX CONTACT > Power Supplies (PS)**

Additional Product Information

Key Commercial Data

Orderkey 2902996

Packing unit 1 pc

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GTIN 4046356808361

Weight per Piece (excluding packing) 340.000 g

Custom tariff number 85044030

Country of origin PL (Poland)

Dimensions

Width 55 mm

Height 90 mm

Depth 84 mm

Ambient conditions

Degree of protection IP20

Ambient temperature (operation) -25 °C ... 70 °C (> 55 °C Derating: 2.5 %/K)

Ambient temperature (storage/transport) -40 °C ... 85 °C

Max. permissible relative humidity (operation) ≤ 95 % (at 25 °C, non-condensing)

Climatic class 3K3 (in acc. with EN 60721)

Degree of pollution 2

Input data

Nominal input voltage range 100 V AC ... 240 V AC

Input voltage range 85 V AC ... 264 V AC

Current consumption 2.2 A (100 V AC)

1.1 A (240 V AC)

Nominal power consumption 213.3 VA

Inrush surge current < 40 A (typical)

Mains buffering typ. 25 ms (120 V AC)

typ. 90 ms (230 V AC)

Input fuse 4 A (slow-blow, internal)

Choice of suitable circuit breakers 6 A ... 16 A (Characteristics B, C, D, K)

Power factor (cos phi) 0.52

Type of protection Transient surge protection

Protective circuit/component Varistor

Output data

Nominal output voltage 48 V DC ±1 %

Nominal output current (IN) 2.1 A (-25 °C ... 55 °C)

Derating 55 °C ... 70 °C (2.5%/K)

Connection in parallel Yes, for redundancy and increased capacity

Connection in series yes

Feedback resistance < 60 V DC

Output overvoltage protection ≤ 60 V DC

Control deviation < 1 % (change in load, static 10 % ... 90 %)

< 2 % (Dynamic load change 10 % ... 90 %)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / UNO-PS/1AC/48DC/100W with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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