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
Document ID	EO-36B6236F61
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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
Catalog page Page 232 (C-4-2017)
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 % ... 9...

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.

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