INDUSTRIAL COMPONENT DATA

TRIO-PS-2G/1AC/24DC/5 2903148 PHOENIX CONTACT Power supply unit

Brand: PHOENIX CONTACT | Manufacturer Part Number: TRIO-PS-2G/1AC/24DC/5



Manufacturer	PHOENIX CONTACT
MPN / Reference	TRIO-PS-2G/1AC/24DC/5
Catalog number	2903148
Category	DC-power supply
Minimum order	1 Pcs
Document ID	EO-B60968870D
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Product Overview

Power supply unit
TRIO POWER primary switching power supply with push-in connection for rail mounting, input: single-phase, output: 24 V DC/5 A

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 2903148
Packing unit 1 pc
Catalog page Page 219 (C-4-2017)
GTIN 4046356960847
Weight per Piece (excluding packing) 554.000 g
Custom tariff number 85044030
Country of origin CN (China)
Dimensions
Width 35 mm
Height 130 mm
Depth 115 mm
Ambient conditions

Degree of protection IP20
Ambient temperature (operation) -25 °C ... 70 °C (> 60 °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
Installation height <= 5000 m (> 2000 m, Derating: 10 %/1000 m)
Input data
Nominal input voltage range 100 V AC ... 240 V AC
110 V DC ... 250 V DC
Input voltage range 100 V AC ... 240 V AC -15 % ... +10 %
99 V DC ... 275 V DC
Dielectric strength maximum <= 300 V AC 15 s
AC frequency range 50 Hz ... 60 Hz ±10 %
Discharge current to PE < 0.25 mA
Current consumption 2.2 A (100 V AC)
1.9 A (120 V AC)
1.1 A (230 V AC)
1.1 A (240 V AC)
Nominal power consumption 272 VA
Inrush surge current <= 16 A (typical)
Mains buffering typ. 20 ms (120 V AC)
typ. 100 ms (230 V AC)
Input fuse 6.3 A (internal (device protection))
Choice of suitable circuit breakers 6 A ... 16 A (Characteristics B, C, D, K)
Power factor (cos phi) 0.5
Type of protection Transient surge protection
Protective circuit/component Varistor
Output data
Nominal output voltage 24 V DC ±1 %
Setting range of the output voltage (USet) 24 V DC ... 28 V DC...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TRIO-PS-2G/1AC/24DC/5 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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