INDUSTRIAL COMPONENT DATA

TRIO-PS-2G/3AC/24DC/40 2903156 PHOENIX CONTACT Power supply unit

Brand: PHOENIX CONTACT | Manufacturer Part Number: TRIO-PS-2G/3AC/24DC/40



Manufacturer	PHOENIX CONTACT
MPN / Reference	TRIO-PS-2G/3AC/24DC/40
Catalog number	2903156
Category	DC-power supply
Minimum order	1 Pcs
Document ID	EO-1E5507045B
Generated	2026-11-19

Product Overview

Power supply unit
Primary-switched TRIO power supply for rail mounting, input: three-phase, output: 24 V DC/40 A, dynamic boost, tool-free quick connect technology for rigid and flexible cables with ferrule

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 2903156
Packing unit 1 pc
Catalog page Page 223 (C-4-2017)
GTIN 4046356960977
Weight per Piece (excluding packing) 2,850.000 g
Custom tariff number 85044030
Country of origin CN (China)
Dimensions
Width 110 mm
Height 130 mm
Depth 160 mm
Ambient conditions

Degree of protection IP20
Ambient temperature (operation) -25 °C ... 70 °C (> 60 °C Derating: 2.5 %/K)
Ambient temperature (start-up type tested) -40 °C
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 <= 4000 m (> 2000 m, Derating: 10 %/1000 m)
Input data
Nominal input voltage range 3x 400 V AC ... 500 V AC
Input voltage range 3x 400 V AC ... 500 V AC -20 % ....+15 %
AC frequency range 50 Hz ... 60 Hz
Discharge current to PE < 3.5 mA
Current consumption 3x 1.9 A (400 V AC)
3x 1.7 A (500 V AC)
Nominal power consumption 1335.1 VA
Inrush surge current <= (typical)
Mains buffering typ. 10 ms (400 V AC)
typ. 20 ms (500 V AC)
Input fuse 6.3 A (internal (device protection))
Choice of suitable circuit breakers 10 A ... 16 A (Characteristics B, C, D, K)
Power factor (cos phi) 0.77
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 (> 24 V DC, constant capacity restricted)
Nominal output curren...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TRIO-PS-2G/3AC/24DC/40 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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