

INDUSTRIAL COMPONENT DATA

TRIO-PS-2G/3AC/24DC/20 2903155 PHOENIX CONTACT Power supply unit

Brand: PHOENIX CONTACT | Manufacturer Part Number: TRIO-PS-2G/3AC/24DC/20



Manufacturer	PHOENIX CONTACT
MPN / Reference	TRIO-PS-2G/3AC/24DC/20
Catalog number	2903155
Category	DC-power supply
Minimum order	1 Pcs
Document ID	EO-813767A84F
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Product Overview

Power supply unit

TRIO POWER primary switch-mode power supply with push-in connection for rail mounting, input: three-phase, output: 24 V DC/20 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 2903155

Packing unit 1 pc

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GTIN 4046356960861

Weight per Piece (excluding packing) 1,717.000 g

Custom tariff number 85044030

Country of origin CN (China)

Dimensions

Width 65 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 ≤ 5000 m (> 2000 m, Derating: 10 %/1000 m)

Input data

Nominal input voltage range 3x 400 V AC ... 500 V AC

2x 400 V AC ... 500 V AC

Input voltage range 3x 400 V AC ... 500 V AC -20 % ... +15 %

2x 400 V AC ... 500 V AC -10 % ... +15 %

AC frequency range 50 Hz ... 60 Hz

Discharge current to PE < 3.5 mA

Current consumption 3x 1.2 A (400 V AC)

3x 1 A (500 V AC)

2x 2.3 A (400 V AC)

2x 1.9 A (500 V AC)

Nominal power consumption 822.2 VA

Inrush surge current ≤ 22 A (typical)

Mains buffering typ. 10 ms (400 V AC)

typ. 20 ms (500 V AC)

Input fuse 3.15 A (internal (device protection), slow-blow)

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

Power factor (cos phi) 0.63

Type of protection Transient surge protection

Protective circuit/component Varistor

Output data

Nominal output voltage 24 V DC ±1 %

Setting....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TRIO-PS-2G/3AC/24DC/20 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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