

INDUSTRIAL COMPONENT DATA

TRIO-PS/1AC/5DC/10 2902646 PHOENIX CONTACT Power supply unit

Brand: PHOENIX CONTACT | Manufacturer Part Number: TRIO-PS/1AC/5DC/10



Manufacturer	PHOENIX CONTACT
MPN / Reference	TRIO-PS/1AC/5DC/10
Catalog number	2902646
Category	DC-power supply
Minimum order	1 Pcs
Document ID	EO-41269B6952
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Product Overview

Power supply unit

TRIO POWER Primary Switch-On Power Rail Mountable Power Supply, Input: Single Phase, Output: 5 V DC/10 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)
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Additional Product Information

Key Commercial Data

Orderkey 2902646

Packing unit 1 pc

GTIN 4046356669672

Weight per Piece (excluding packing) 600.000 g

Custom tariff number 85044030

Country of origin CN (China)

Dimensions

Width 40 mm

Height 130 mm

Depth 115 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) $\leq 95\%$ (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 (Derating < 90 V AC: 2.5 %/K)

Dielectric strength maximum 300 V AC

AC frequency range 45 Hz ... 65 Hz

Discharge current to PE < 3.5 mA

Current consumption 1 A (120 V AC)

0.5 A (230 V AC)

Nominal power consumption 131.4 VA

Inrush surge current < 30 A

Mains buffering > 40 ms (120 V AC)

> 180 ms (230 V AC)

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

Power factor (cos phi) 0.48

Type of protection Transient surge protection

Protective circuit/component Varistor

Output data

Nominal output voltage 5 V DC $\pm 1\%$

Setting range of the output voltage (USet) 4.5 V DC ... 6 V DC (> 12 V DC, constant capacity restricted)

Nominal output current (IN) 10 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 resistanc...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TRIO-PS/1AC/5DC/10 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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