

**INDUSTRIAL COMPONENT DATA**

# TRIO-PS/1AC/24DC/ 2.5 2866268 PHOENIX CONTACT Power supply unit

Brand: PHOENIX CONTACT | Manufacturer Part Number: TRIO-PS/1AC/24DC/ 2.5



|                 |                       |
|-----------------|-----------------------|
| Manufacturer    | PHOENIX CONTACT       |
| MPN / Reference | TRIO-PS/1AC/24DC/ 2.5 |
| Catalog number  | 2866268               |
| Category        | DC-power supply       |
| Minimum order   | 1 Pcs                 |
| Document ID     | EO-9C2C40DCC2         |
| Generated       | 2026-09-21            |

## Product Overview

Power supply unit

TRIO POWER primary switch-mode power supply for rail mounting, input: single-phase, output: 24 V DC/2.5 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 2866268

Packing unit 1 pc

Catalog page Page 174 (C-6-2013)

GTIN 4046356046626

Weight per Piece (excluding packing) 500.000 g

Custom tariff number 85044030

Country of origin CN (China)

Dimensions

Width 32 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) ≤ 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 %/V)  
Dielectric strength maximum 300 V AC  
AC frequency range 45 Hz ... 65 Hz  
Discharge current to PE < 3.5 mA  
Current consumption 0.95 A (120 V AC)  
0.5 A (230 V AC)  
Nominal power consumption 97 VA  
Inrush surge current < 15 A  
Mains buffering > 20 ms (120 V AC)  
> 100 ms (230 V AC)  
Input fuse 2 A (slow-blow, internal)  
Choice of suitable circuit breakers 6 A ... 16 A (Characteristics B, C, D, K)  
Power factor (cos phi) 0.72  
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) 22.5 V DC ... 29.5 V DC (> 24 V DC, constant capacity restricted)  
Nominal output current (IN) 2.5 A (UOUT= 24 V DC)  
Derating 55 °C ... 70 °C (2.5%/K)  
Connection in parallel Yes, for redu...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TRIO-PS/1AC/24DC/ 2.5 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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