

**INDUSTRIAL COMPONENT DATA**

# TRIO-PS/1AC/24DC/10 2866323 PHOENIX CONTACT Power supply unit

Brand: PHOENIX CONTACT | Manufacturer Part Number: TRIO-PS/1AC/24DC/10



|                 |                     |
|-----------------|---------------------|
| Manufacturer    | PHOENIX CONTACT     |
| MPN / Reference | TRIO-PS/1AC/24DC/10 |
| Catalog number  | 2866323             |
| Category        | DC-power supply     |
| Minimum order   | 1 Pcs               |
| Document ID     | EO-D4D9F8E1C8       |
| Generated       | 2026-08-01          |

## Product Overview

Power supply unit

TRIO POWER Primary Switch-On Power Rail Mountable Power Supply, Input: Single Phase, Output: 24 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)**

## Additional Product Information

Key Commercial Data

Orderkey 2866323

Packing unit 1 pc

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GTIN 4046356046657

Weight per Piece (excluding packing) 1,400.000 g

Custom tariff number 85044030

Country of origin CN (China)

Dimensions

Width 60 mm

Height 130 mm

Depth 152.5 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 3 A (100 V AC)  
1.5 A (240 V AC)  
Nominal power consumption 272 VA  
Inrush surge current < 15 A  
Mains buffering > 24 ms (120 V AC)  
> 24 ms (230 V AC)  
Input fuse 6.3 A (slow-blow, internal)  
Choice of suitable circuit breakers 10 A ... 16 A (Characteristics B, C, D, K)  
Power factor (cos phi) 0.99  
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) 10 A (UOUT= 24 V DC)  
Derating 55 °C ... 70 °C (2.5%/K)  
Connection in parallel Yes, for r...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TRIO-PS/1AC/24DC/10 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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