

**INDUSTRIAL COMPONENT DATA**

# TRIO-PS/3AC/24DC/10 2866459 PHOENIX CONTACT Power supply unit

Brand: PHOENIX CONTACT | Manufacturer Part Number: TRIO-PS/3AC/24DC/10



|                 |                     |
|-----------------|---------------------|
| Manufacturer    | PHOENIX CONTACT     |
| MPN / Reference | TRIO-PS/3AC/24DC/10 |
| Catalog number  | 2866459             |
| Category        | DC-power supply     |
| Minimum order   | 1 Pcs               |
| Document ID     | EO-3DFBE47292       |
| Generated       | 2026-08-01          |

## Product Overview

Power supply unit

TRIO POWER PRIMARY SWITCHED POWER SUPPLY FOR RAIL MOUNTING, Input: Three-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 2866459

Packing unit 1 pc

Catalog page Page 177 (C-6-2013)

GTIN 4046356046701

Weight per Piece (excluding packing) 1,300.000 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 2x / 3x 400 V AC ... 500 V AC

Input voltage range 3x 320 V AC ... 575 V AC

2x 360 V AC ... 575 V AC (for 2-phase operation)

AC frequency range 45 Hz ... 65 Hz

Discharge current to PE < 3.5 mA

Current consumption 3x 0.6 A (400 V AC)

3x 0.5 A (480 V AC)

Nominal power consumption 456 VA

Inrush surge current < 15 A

Mains buffering > 20 ms (3x 400 V AC)

Input fuse <

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

Power factor (cos phi) 0.59

Type of protection Transient surge protection

Protective circuit/component Varistor

Maximum input current <

Nominal input current <

Maximum input current <

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)...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TRIO-PS/3AC/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

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