

INDUSTRIAL COMPONENT DATA

TRIO-PS/3AC/24DC/ 5 2866462 PHOENIX CONTACT Power supply unit

Brand: PHOENIX CONTACT | Manufacturer Part Number: TRIO-PS/3AC/24DC/ 5



Manufacturer	PHOENIX CONTACT
MPN / Reference	TRIO-PS/3AC/24DC/ 5
Catalog number	2866462
Category	DC-power supply
Minimum order	1 Pcs
Document ID	EO-DF5105D020
Generated	2026-08-04

Product Overview

Power supply unit

TRIO POWER primary switching power supply for rail mounting, input: three-phase, output: 24 V DC/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 2866462

Packing unit 1 pc

Note Made to Order (non-returnable)

Catalog page Page 176 (C-6-2013)

GTIN 4046356128544

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) ≤ 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 (for 3-phase operation)

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 0.3 A (400 V AC)

3x 0.25 A (500 V AC)

2x 0.65 A (400 V AC)

2x 0.5 A (500 V AC)

Nominal power consumption 211 VA

Inrush surge current < 15 A

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

> 30 ms (3x 480 V AC)

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

Power factor (cos phi) 0.64

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) 5 A (UOUT= 24 V DC)

De...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TRIO-PS/3AC/24DC/ 5 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.