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-164316EE66
Generated	2026-11-18

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
Catalog page Page 175 (C-6-2013)
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 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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