INDUSTRIAL COMPONENT DATA

TRIO-PS/1AC/48DC/10 2866501 PHOENIX CONTACT Power supply unit

Brand: PHOENIX CONTACT | Manufacturer Part Number: TRIO-PS/1AC/48DC/10



Manufacturer	PHOENIX CONTACT
MPN / Reference	TRIO-PS/1AC/48DC/10
Catalog number	2866501
Category	DC-power supply
Minimum order	1 Pcs
Document ID	EO-B46D73181F
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Product Overview

Power supply unit
TRIO POWER Primary Switch-On Power Rail Mountable Power Supply, Input: Single-Phase, Output: 48 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 2866501
Packing unit 1 pc
Catalog page Page 173 (C-6-2015)
GTIN 4046356287364
Weight per Piece (excluding packing) 1,900.000 g
Custom tariff number 85044030
Country of origin CN (China)
Dimensions
Width 115 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 % per Kelvin)
Dielectric strength maximum 300 V AC
AC frequency range 45 Hz ... 65 Hz
Discharge current to PE < 3.5 mA
Current consumption 4.6 A (120 V AC)
2.4 A (230 V AC)
Nominal power consumption 556 VA
Inrush surge current < 15 A
Mains buffering > 13 ms (120 V AC)
> 18 ms (230 V AC)
Choice of suitable circuit breakers 16 A (Characteristics B, C, D, K)
Power factor (cos phi) 0.96
Type of protection Transient surge protection
Protective circuit/component Varistor
Output data
Nominal output voltage 48 V DC ±1 %
Setting range of the output voltage (USet) 30 V DC ... 56 V DC (> 48 V DC, constant capacity restricted)
Nominal output current (IN) 10 A (-25 °C ... 55 °C)
Derating 55 °C ... 70 °C (2.5%/K)
Connection in parallel Yes, for redundancy and increased capacity
Connec...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TRIO-PS/1AC/48DC/10 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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