INDUSTRIAL COMPONENT DATA

MINI-PS- 12- 24DC/48DC/0.7 2320021 PHOENIX CONTACT DC/DC converters

Brand: PHOENIX CONTACT | Manufacturer Part Number: MINI-PS-12-24DC/48DC/0.7



Manufacturer	PHOENIX CONTACT
MPN / Reference	MINI-PS-12-24DC/48DC/0.7
Catalog number	2320021
Category	DC-power supply
Minimum order	1 Pcs
Document ID	EO-687C56B263
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Product Overview

DC/DC converters
In new installations use the following item: 1098676.MINI DC/DC converter switched in primary for rail mounting, input: 12 - 24 V DC, output: 48 V DC/0.7 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 2320021
Packing unit 1 pc
Catalog page Page 257 (C-4-2017)
GTIN 4046356479448
Weight per Piece (excluding packing) 200.000 g
Custom tariff number 85044030
Country of origin CN (China)
Dimensions
Width 22.5 mm
Height 99 mm
Depth 107 mm
Ambient conditions

Degree of protection IP20
Ambient temperature (operation) -25 °C ... 70 °C (> +60°C derating)
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 12 V DC ... 24 V DC
Input voltage range 10 V DC ... 32 V DC (> 10.5 V DC start)
Frequency range DC 0 Hz
Current consumption 3.2 A (12 V DC)
1.6 A (24 V DC)
Inrush surge current < 10 A (typical)
Mains buffering typ. 2 ms (12 V DC)
typ. 12 ms (24 V DC)
Input fuse 6.3 A (slow-blow, internal)
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) 0.7 A (-25 °C ... 60 °C)
Derating 60 °C ... 70 °C (2.5%/K)
Connection in parallel Yes, for assembling redundant systems and increasing efficiency
Connection in series yes
Feedback resistance 60 V DC
Output overvoltage protection < 60 V DC
Residual ripple < 20 mVPP(20 MHz)
Typical response time < 0.5 s
Peak switching voltages nominal load < 10 mVPP(20 MHz)
Maximum power dissipation in no-load condition < 1....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MINI-PS-12-24DC/48DC/0.7 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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