INDUSTRIAL COMPONENT DATA

MINI-PS- 48- 60DC/24DC/1 2866271 PHOENIX CONTACT DC/DC converters

Brand: PHOENIX CONTACT | Manufacturer Part Number: MINI-PS-48-60DC/24DC/1



Manufacturer	PHOENIX CONTACT
MPN / Reference	MINI-PS-48-60DC/24DC/1
Catalog number	2866271
Category	DC-power supply
Minimum order	1 Pcs
Document ID	EO-541FD6D804
Generated	2026-11-18

Product Overview

DC/DC converters
In new installations use the following item: 1066708.MINI DC/DC converter switched in primary for rail mounting, input: 48-60 V DC, output: 24 V DC/1 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 2866271
Packing unit 1 pc
Catalog page Page 257 (C-4-2017)
GTIN 4017918960919
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: 2.5 %/K)
Ambient temperature (storage/transport) -40 °C ... 85 °C
Max. permissible relative humidity (operation) <= 95 % (at 25 °C, non-condensing)
Input data
Nominal input voltage range 48 V DC ... 60 V DC
Input voltage range 36 V DC ... 75 V DC
Frequency range DC 0 Hz
Current consumption 0.6 A (48 V DC)
0.5 A (60 V DC)
Inrush surge current < 15 A (typical)
Mains buffering typ. 15 ms (48 V DC)
typ. 20 ms (60 V DC)
Input fuse 3.15 A (slow-blow, internal)
Output data
Nominal output voltage 24 V DC ±1 %
Setting range of the output voltage (USet) 22.5 V DC ... 28.5 V DC (> 24 V DC, constant capacity restricted)
Nominal output current (IN) 1 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
Residual ripple < 40 mVPP
Output power 24 W
Typical response time < 0.5 s
Peak switching voltages nominal load < 50 mVPP(20 MHz)
Maximum power dissipation in no-load condition < 1.2 W
Power loss nominal load max. < 5 W
General
Net weight 0.2 kg
Operating voltage display Green LED
Efficiency > 85 % (at 60 V DC...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MINI-PS-48-60DC/24DC/1 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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