

INDUSTRIAL COMPONENT DATA

MINI-PS- 12- 24DC/24DC/1 2866284 PHOENIX CONTACT

DC/DC converters

Brand: PHOENIX CONTACT | Manufacturer Part Number: MINI-PS-12-24DC/24DC/1



Manufacturer	PHOENIX CONTACT
MPN / Reference	MINI-PS-12-24DC/24DC/1
Catalog number	2866284
Category	DC-power supply
Minimum order	1 Pcs
Document ID	EO-BE07C028EC
Generated	2026-08-03

Product Overview

DC/DC converters

In new installations use the following items: 1066703, 1066716, 1066718, 1066714. MINI DC/DC converter switched into primary for rail mounting, input: 12 - 24 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)
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Additional Product Information

Key Commercial Data

Orderkey 2866284

Packing unit 1 pc

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GTIN 4017918960902

Weight per Piece (excluding packing) 245.700 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 12 V DC ... 24 V DC

Input voltage range 10 V DC ... 32 V DC

Frequency range DC 0 Hz

Current consumption 2.6 A (12 V DC)

1.3 A (24 V DC)

Inrush surge current < 15 A (typical)

Mains buffering typ. 3 ms (12 V DC)

typ. 20 ms (24 V DC)

Input fuse 6.3 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 < 30 mVPP(20 MHz)

Output power 24 W

Typical response time < 0.5 s

Peak switching voltages nominal load < 100 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 > 83 % (at....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MINI-PS-12-24DC/24DC/1 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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