

INDUSTRIAL COMPONENT DATA

QUINT-PS/12DC/12DC/8 2905007 PHOENIX CONTACT DC/DC converters

Brand: PHOENIX CONTACT | Manufacturer Part Number: QUINT-PS/12DC/12DC/8



Manufacturer	PHOENIX CONTACT
MPN / Reference	QUINT-PS/12DC/12DC/8
Catalog number	2905007
Category	DC-power supply
Minimum order	1 Pcs
Document ID	EO-E3470953DE
Generated	2026-09-21

Product Overview

DC/DC converters

Primary switched QUINT DC/DC transformer for rail mounting with SFB (Selective Fuse Breaking) technology, input: 12 V DC, output: 12 V DC/8 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 2905007

Packing unit 1 pc

Catalog page Page 251 (C-4-2017)

GTIN 4046356908412

Weight per Piece (excluding packing) 849.500 g

Custom tariff number 85044030

Country of origin CN (China)

Dimensions

Width 32 mm

Height 130 mm

Depth 125 mm

Width with alternative assembly 122 mm

Height with alternative assembly 130 mm

Depth with alternative assembly 35 mm

Ambient conditions

Degree of protection IP20

Ambient temperature (operation) -25 °C ... 70 °C (> 60 °C Derating: 2.5 %/K)

Ambient temperature (start-up type tested) -40 °C

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

Input voltage range 9 V DC ... 18 V DC

Current consumption 12 A (12 V, IBOOST)

Inrush surge current < 6 A (typical)

Mains buffering typ. 3 ms (12 V DC)

Input fuse 25 A (internal (device protection))

Type of protection Transient surge protection

Protective circuit/component Varistor

Output data

Nominal output voltage 12 V DC ±1 %

Setting range of the output voltage (USet) 5 V DC ... 18 V DC (> 12 V DC, constant capacity restricted)

Nominal output current (IN) 8 A (-25 °C ... 60 °C)

POWER BOOST (IBOOST) 10 A (-25°C ... 40°C permanent, UOUT= 12 V DC)

Selective Fuse Breaking (ISFB) 48 A (12 ms)

Derating 60 °C ... 70 °C (2.5%/K)

Connection in parallel Yes, for redundancy and increased capacit...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / QUINT-PS/12DC/12DC/8 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.