INDUSTRIAL COMPONENT DATA

QUINT-PS/60-72DC/24DC/10 2905009 PHOENIX CONTACT DC/DC converters

Brand: PHOENIX CONTACT | Manufacturer Part Number: QUINT-PS/60-72DC/24DC/10



Manufacturer	PHOENIX CONTACT
MPN / Reference	QUINT-PS/60-72DC/24DC/10
Catalog number	2905009
Category	DC-power supply
Minimum order	1 Pcs
Document ID	EO-FCB8FECAF7
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Product Overview

DC/DC converters
QUINT DC/DC converter with primary switching and wide-range input for rail mounting with SFB (Selective Fuse Breaking) technology. Input: 60-72 V DC. Output: 24 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 2905009
Packing unit 1 pc
Catalog page Page 253 (C-4-2017)
GTIN 4046356908436
Weight per Piece (excluding packing) 1,189.500 g
Custom tariff number 85044030
Country of origin CN (China)
Dimensions
Width 48 mm
Height 130 mm
Depth 125 mm
Width with alternative assembly 122 mm

Height with alternative assembly 130 mm
Depth with alternative assembly 51 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 60 V DC ... 72 V DC
Input voltage range 42 V DC ... 96 V DC
Current consumption 5.6 A (60 V DC)
4.7 A (72 V DC)
Inrush surge current < 9 A (typical)
Mains buffering typ. 10 ms (60 V DC)
Input fuse 10 A 150 V DC (internal (device protection))
Type of protection Transient surge protection
Protective circuit/component Varistor
Output data
Nominal output voltage 24 V DC ±1 %
Setting range of the output voltage (USet) 18 V DC ... 29.5 V DC (> 24 V DC, constant capacity restricted)
Nominal output current (IN) 10 A (-40 °C ... 60 °C)
POWER BOOST (IBoost) 12.5 A (-40°C ... 40°C permanent, UOUT= 24 V DC)
Selective Fuse Breaking (ISFB) 60 A (12 ms)
Derating 60 °C ... 70 °C (2.5%/K)
Connection in paralle...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / QUINT-PS/60-72DC/24DC/10 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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