INDUSTRIAL COMPONENT DATA

QUINT-PS/1AC/48DC/20 2866695 PHOENIX CONTACT Power supply unit

Brand: PHOENIX CONTACT | Manufacturer Part Number: QUINT-PS/1AC/48DC/20



Manufacturer	PHOENIX CONTACT
MPN / Reference	QUINT-PS/1AC/48DC/20
Catalog number	2866695
Category	DC-power supply
Minimum order	1 Pcs
Document ID	EO-6314E55CCE
Generated	2026-11-18

Product Overview

Power supply unit
Primary switching power supplies, QUINT POWER, Screw connection, SFB Technology (Selective Fuse Breaking), input:1phase, output: 48 VDC / 20 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 2866695
Packing unit 1 pc
Catalog page Page 213 (C-4-2017)
GTIN 4046356547727
Weight per Piece (excluding packing) 3,300.000 g
Custom tariff number 85044030
Country of origin TH (Thailand)
Dimensions
Width 180 mm
Height 130 mm
Depth 125 mm
Width with alternative assembly 122 mm

Height with alternative assembly 130 mm
Depth with alternative assembly 183 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
Installation height 6000 m
Input data
Nominal input voltage range 100 V AC ... 240 V AC
120 V DC ... 300 V DC (UL 508: <= 250 V DC)
Input voltage range 85 V AC ... 264 V AC
90 V DC ... 300 V DC (UL 508: <= 250 V DC)
Dielectric strength maximum 300 V AC
AC frequency range 45 Hz ... 65 Hz
Frequency range DC 0 Hz
Discharge current to PE < 3.5 mA
Current consumption 8.7 A (120 V AC)
4.5 A (230 V AC)
9.4 A (110 V DC)
4.6 A (220 V DC)
Nominal power consumption 1046 VA
Inrush surge current < 15 A (typical)
Mains buffering typ. 20 ms (120 V AC)
typ. 22 ms (230 V AC)
Input fuse 20 A (fast blow, internal)
Choice of suitable circuit breakers 6 A ... 16 A (AC: Characteristics B, C, D, K)
Type of protection Transient surge protection
Protecti...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / QUINT-PS/1AC/48DC/20 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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