

INDUSTRIAL COMPONENT DATA

QUINT-PS/1AC/12DC/20 2866721 PHOENIX CONTACT Power supply unit

Brand: PHOENIX CONTACT | Manufacturer Part Number: QUINT-PS/1AC/12DC/20



Manufacturer	PHOENIX CONTACT
MPN / Reference	QUINT-PS/1AC/12DC/20
Catalog number	2866721
Category	DC-power supply
Minimum order	1 Pcs
Document ID	EO-2CA0C27016
Generated	2026-08-04

Product Overview

Power supply unit

Primary switching power supplies, QUINT POWER, Screw connection, SFB Technology (Selective Fuse Breaking), input: 1 phase, output: 12 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 2866721

Packing unit 1 pc

Catalog page Page 212 (C-4-2017)

GTIN 4046356113564

Weight per Piece (excluding packing) 1,500.000 g

Custom tariff number 85044030

Country of origin TH (Thailand)

Dimensions

Width 90 mm

Height 130 mm

Depth 125 mm

Width with alternative assembly 122 mm

Height with alternative assembly 130 mm

Depth with alternative assembly 93 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

Input voltage range 85 V AC ... 264 V AC

90 V DC ... 350 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 2.4 A (120 V AC)

1.4 A (230 V AC)

2.5 A (110 V DC)

1.2 A (220 V DC)

Nominal power consumption 311 VA

Inrush surge current < 20 A (typical)

Mains buffering typ. 40 ms (120 V AC)

typ. 40 ms (230 V AC)

Input fuse 12 A (slow-blow, internal)

Choice of suitable circuit breakers 10 A ... 16 A (AC: Characteristics B, C, D, K)

Type of protection Transient surge protection

Protective circuit/component Varistor

Output data

Nomin...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / QUINT-PS/1AC/12DC/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

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.