

**INDUSTRIAL COMPONENT DATA**

# QUINT-PS/1AC/24DC/40 2866789 PHOENIX CONTACT Power supply unit

Brand: PHOENIX CONTACT | Manufacturer Part Number: QUINT-PS/1AC/24DC/40



|                 |                      |
|-----------------|----------------------|
| Manufacturer    | PHOENIX CONTACT      |
| MPN / Reference | QUINT-PS/1AC/24DC/40 |
| Catalog number  | 2866789              |
| Category        | DC-power supply      |
| Minimum order   | 1 Pcs                |
| Document ID     | EO-BCDB57716D        |
| Generated       | 2026-09-21           |

## Product Overview

Power supply unit

Primary Switching Power Supplies, QUINT POWER, Screw Connection, Rail Mounting, SFB Technology (Selective Fuse Breaking), Input:1Phase, Output: 24 VDC / 40 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 2866789

Packing unit 1 pc

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GTIN 4046356421720

Weight per Piece (excluding packing) 3,798.800 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 4000 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 8.8 A (120 V AC)  
4.6 A (230 V AC)  
9.5 A (110 V DC)  
4.7 A (220 V DC)  
Nominal power consumption 1157 VA  
Inrush surge current < 15 A (typical)  
Mains buffering > 35 ms (120 V AC)  
> 35 ms (230 V AC)  
Input fuse 20 A (slow-blow, internal)  
Choice of suitable circuit breakers 16 A ... 20 A (AC: Characteristics B, C, D, K)  
Type of protection Transient surge protection  
Protective ci...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / QUINT-PS/1AC/24DC/40 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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