

## INDUSTRIAL COMPONENT DATA

# STEP-PS/ 1AC/ 5DC/2 2320513 PHOENIX CONTACT Power supply unit

Brand: PHOENIX CONTACT | Manufacturer Part Number: STEP-PS/ 1AC/ 5DC/2



|                 |                     |
|-----------------|---------------------|
| Manufacturer    | PHOENIX CONTACT     |
| MPN / Reference | STEP-PS/ 1AC/ 5DC/2 |
| Catalog number  | 2320513             |
| Category        | DC-power supply     |
| Minimum order   | 1 Pcs               |
| Document ID     | EO-E9BE94F737       |
| Generated       | 2026-08-03          |

## Product Overview

Power supply unit

STEP POWER Primary Switch-On Power Power Supply for Rail Mounting, Input: Single Phase, Output: 5 V DC/2 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 &gt; Power Supplies (PS)

## Additional Product Information

Key Commercial Data

Orderkey 2320513

Packing unit 1 pc

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GTIN 4046356674744

Weight per Piece (excluding packing) 86.000 g

Custom tariff number 85044030

Country of origin PL (Poland)

Dimensions

Width 18 mm

Height 90 mm

Depth 61 mm

Ambient conditions

Degree of protection IP20

Ambient temperature (operation) -25 °C ... 70 °C (> 55° C derating : 2.5%/K)  
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 100 V AC ... 240 V AC  
Input voltage range 85 V AC ... 264 V AC  
95 V DC ... 250 V DC  
AC frequency range 45 Hz ... 65 Hz  
Frequency range DC 0 Hz  
Current consumption 0.2 A (120 V AC)  
0.13 A (230 V AC)  
Nominal power consumption 28.9 VA  
Inrush surge current < 15 A  
Mains buffering typ. 25 ms (120 V AC)  
typ. 110 ms (230 V AC)  
Input fuse 1.25 A (slow-blow, internal)  
Choice of suitable circuit breakers 6 A ... 16 A (AC: Characteristics B, C, D, K)  
Power factor (cos phi) 0.44  
Output data  
Nominal output voltage 5 V DC ±1 %  
Nominal output current (IN) 2 A (-25°C ... 40°C permanent )  
2.2 A (-25 °C ... 55 °C)  
Output current I<sub>max</sub> 3.7 A  
Derating 55 °C ... 70 °C (2.5%/K)  
Connection in parallel Yes, for redundancy and increased capacity  
Connection in series yes  
Output overvoltage protection < 10 V DC  
Residual ripple < 50 mVPP  
Output power 10 W  
Typical response time < 0.5 s  
Maximu...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / STEP-PS/ 1AC/ 5DC/2 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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