INDUSTRIAL COMPONENT DATA

STEP-PS/ 1AC/12DC/1.5/FL 2868554 PHOENIX CONTACT Power supply unit

Brand: PHOENIX CONTACT | Manufacturer Part Number: STEP-PS/ 1AC/12DC/1.5/FL



Manufacturer	PHOENIX CONTACT
MPN / Reference	STEP-PS/ 1AC/12DC/1.5/FL
Catalog number	2868554
Category	DC-power supply
Minimum order	1 Pcs
Document ID	EO-61533FA158
Generated	2026-11-18

Product Overview

Power supply unit
STEP POWER primary switch-mode power supply for rail mounting, input: single-phase, output: 12 V DC/1.5 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 2868554
Packing unit 1 pc
Catalog page Page 244 (C-4-2017)
GTIN 4046356501521
Weight per Piece (excluding packing) 70.000 g
Custom tariff number 85044030
Country of origin PL (Poland)
Dimensions
Width 36 mm
Height 90 mm
Depth 43 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 0.33 A (120 V AC)
0.18 A (230 V AC)
Nominal power consumption 37.9 VA
Inrush surge current < 15 A (typical)
Mains buffering typ. 15 ms (120 V AC)
typ. 70 ms (230 V AC)
Input fuse 1.25 A (slow-blow, internal)
Choice of suitable circuit breakers 6 A ... 16 A (Characteristics B, C, D, K)
Power factor (cos phi) 0.57
Type of protection Transient surge protection
Protective circuit/component Varistor
Output data
Nominal output voltage 12 V DC ±1 %
Nominal output current (IN) 1.5 A (-25 °C ... 55 °C)
1.65 A (-25°C ... 40°C permanent)
Output current Imax 2.6 A
Derating 55 °C ... 70 °C (2.5%/K)
Connection in parallel Yes, for redundancy and increased capacity
Connection in series yes
Feedback resistance <= 25 V...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / STEP-PS/ 1AC/12DC/1.5/FL 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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