INDUSTRIAL COMPONENT DATA

TRIO-UPS/1AC/24DC/ 5 2866611 PHOENIX CONTACT Uninterruptible power supply

Brand: PHOENIX CONTACT | Manufacturer Part Number: TRIO-UPS/1AC/24DC/ 5



Manufacturer	PHOENIX CONTACT
MPN / Reference	TRIO-UPS/1AC/24DC/ 5
Catalog number	2866611
Category	UPS
Minimum order	1 Pcs
Document ID	EO-FF651DDBEF
Generated	2026-11-18

Product Overview

Uninterruptible power supply
Uninterruptible power supply with integrated power supply. For AGM lead-acid energy storage MINI-BAT/24/DC/1.3 AH, QUINT-BAT/24DC 3.4 AH... 12 AH rated capacity. Input: single-phase, output: 24 V DC/5 A. Screw connection technology

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 2866611
Packing unit 1 pc
Catalog page Page 300 (C-4-2017)
GTIN 4046356311809
Weight per Piece (excluding packing) 1,147.000 g
Custom tariff number 85044030
Country of origin CN (China)
Dimensions
Width 60 mm
Height 130 mm
Depth 118 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 ... 80 °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
AC input voltage range 85 V AC ... 264 V AC (Derating < 90 V AC: 2.5%V)
Input voltage range DC 100 V DC ... 350 V DC (UL508: 100 ... 250 V)
Buffer time adjustable: 0.5 min; 1 min; 2 min; 3 min; 5 min; 10 min; 15 min; 20 min; PC-Mode
Current consumption 1.1 A (230 V AC, maximum)
1.8 A (120 V AC, maximum)
Inrush current limiting/I^2t < 1.3 A2s
Mains buffering see diagram
Typical response time 150 ms (230 V AC)
200 ms (120 V AC)
Power factor (cos phi) approx. 0.5
Protective circuit Transient surge protection Varistor
Input fuse, integrated 6.3 A (slow-blow, internal)
Output data
Nominal output voltage 24 V DC
Setting range of the output voltage (USet) 22.5 V DC ... 29.5 V DC (Network operation; in the buffer mode, dependent on the battery voltage of 27.9 V DC ... 19.2 V DC)
Nominal output current (IN) 5 A (-25 °C ... 55 °C)
Derating 55 °C .....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TRIO-UPS/1AC/24DC/ 5 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.