

**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-A18F7CC111        |
| Generated       | 2026-07-31           |

### 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

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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/ $I^2t < 1.3 \text{ A}^2\text{s}$

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](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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