

INDUSTRIAL COMPONENT DATA

TRIO-UPS-2G/3AC/24DC/20 2906367 PHOENIX CONTACT

Uninterruptible power supply

Brand: PHOENIX CONTACT | Manufacturer Part Number: TRIO-UPS-2G/3AC/24DC/20



Manufacturer	PHOENIX CONTACT
MPN / Reference	TRIO-UPS-2G/3AC/24DC/20
Catalog number	2906367
Category	UPS
Minimum order	1 Pcs
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Product Overview

Uninterruptible power supply

TRIO UPS - UPS with integrated power supply for AGM lead energy accumulators 4 Ah - 40 Ah, USB (Modbus/RTU), Rail mounting, Push-in connection, input: 3phase, output: 24 VDC / 20 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 2906367

Packing unit 1 pc

GTIN 4055626068053

Weight per Piece (excluding packing) 2,007.000 g

Custom tariff number 85044030

Country of origin CN (China)

Dimensions

Width 88 mm

Height 130 mm

Depth 160 mm

Width with alternative assembly 160 mm

Height with alternative assembly 130 mm

Depth with alternative assembly 88 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 (> 2000 m, observe derating)

Input data

Inrush current limiting/ $I^2t < 0.76 \text{ A}^2\text{s}$

Mains buffering ≥ 25 ms (400 V AC)

Typical response time 200 ms

Input fuse, integrated 6.3 A (slow-blow, internal)

Output data

Nominal output voltage 24 V DC

Setting range of the output voltage (USet) 24 V DC ... 28 V DC (> 24 V constant capacity)

Nominal output current (IN) 20 A

Dynamic Boost (IDyn.Boost) 30 A

Derating > 60 °C (2.5%/K of POutnom.)

Control deviation < 0.3 % (Static load change 10 % ... 90 %)

Maximum power dissipation in no-load condition < 3.6 W (400 V AC)

Efficiency typ. 93 % (400 V AC)

typ. 92 % (480 V AC)

typ. 94 % (Battery operation)

Residual ripple < 20 mV

Connection in parallel yes, with diode module uncoupled

Surge protection against i...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TRIO-UPS-2G/3AC/24DC/20 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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