INDUSTRIAL COMPONENT DATA

TRIO-UPS-2G/1AC/24DC/10 2907161 PHOENIX CONTACT Uninterruptible power supply with integrated power supply un..

Brand: PHOENIX CONTACT | Manufacturer Part Number: TRIO-UPS-2G/1AC/24DC/10



Manufacturer	PHOENIX CONTACT
MPN / Reference	TRIO-UPS-2G/1AC/24DC/10
Catalog number	2907161
Category	UPS
Minimum order	1 Pcs
Document ID	EO-2845F5594A
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Product Overview

Uninterruptible power supply with integrated power supply unit. For lead AGM energy storage with 1.3 Ah to 38 Ah nominal capacity. Input: 1-phase, output: 24 V DC/10 A. Push-in connection technology
TRIO UPS - UPS with integrated power supply for AGM lead energy accumulators 1.2 Ah - 40 Ah, USB (Modbus/RTU), Rail mounting, Push-in connection, input: 1 phase, output: 24 VDC / 10 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 2907161
Packing unit 1 pc
GTIN 4055626166582
Weight per Piece (excluding packing) 1,700.000 g
Custom tariff number 85044030
Country of origin CN (China)
Dimensions
Width 68 mm
Height 130 mm

Depth 160 mm
Width with alternative assembly 160 mm
Height with alternative assembly 130 mm
Depth with alternative assembly 68 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) <= 93 % (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
AC input voltage range 100 V AC ... 240 V AC -15 % ... +10 %
Inrush current limiting/I²t < 0.2 A2s
Mains buffering >= 25 ms (120 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) 10 A
Dynamic Boost (IDyn.Boost) 15 A
Derating > 60 °C (2.5%/K of POutnom.)
Control deviation < 0.55 % (Static load change 10 % ... 90 %)
Maximum power dissipation in no-load condition < 3 W (230 V AC)
Efficiency typ. 90 % (120 V AC)
typ. 91 % (230 V AC)
typ. 96 % (Battery operation)
Residual ripple < 20 mV
Connection in parallel....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TRIO-UPS-2G/1AC/24DC/10 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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