INDUSTRIAL COMPONENT DATA

TRIO-UPS-2G/1AC/24DC/20 1105556 PHOENIX CONTACT TRIO UPS UPS with integrated power supply, USB (Modbus/RTU),..

Brand: PHOENIX CONTACT | Manufacturer Part Number: TRIO-UPS-2G/1AC/24DC/20



Manufacturer	PHOENIX CONTACT
MPN / Reference	TRIO-UPS-2G/1AC/24DC/20
Catalog number	1105556
Category	UPS
Minimum order	1 Pcs
Document ID	EO-7EE77ED2FC
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Product Overview

TRIO UPS - UPS with integrated power supply, USB (Modbus/RTU), Rail mounting, Push-in connection, input: 1 phase, output: 24 V DC / 20 A
TRIO UPS - UPS with integrated power supply for lead-acid AGM energy storage systems 4 Ah - 40 Ah, USB (Modbus/RTU), Rail mounting, Push-in connection, input: 1-phase, 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

Technical dataInput dataInput voltage range 100 V AC ... 240 V AC -15 % ... +10 %
Voltage type of supply voltage AC
Inrush current < 10 A
Inrush current integral (I2t) < 0.4 A2s
Frequency range (fN) 50 Hz ... 60 Hz (±10 %)
Mains buffering time >= 20 ms (120 V AC)
Switch-on time typ. 200 ms
Typical current consumption 6.4 A (100 V AC)
Input fuse 10 A (slow-blow, internal)
Signal Bat.-Start

Connection labeling 3.6
Signalization designation Bat.-Start
Low signal Connection to SGnd with < 2.7 k?
High signal Open (> 200 k? between Bat.-Start and SGnd)
Signal Remote
Connection labeling 3.5
Signalization designation Remote
Low signal Connection to SGnd with < 2.7 k?
High signal Open (> 35 k? between Remote and SGnd)
Output dataEfficiency typ. 88 % (100 V AC)
typ. 92 % (240 V AC)
typ. (Battery operation)
Derating > 60 °C (2.5%/K of POutnom.)
Crest factor 1.57 (120 V AC)
1.58 (230 V AC)
Switch-over time < 3 ms
UPS connection in parallel yes, with diode module uncoupled
UPS connection in series no
Energy storage device connection in parallel yes
Feedback voltage resistance <= 35 V DC
Protection against overvoltage at the output (OVP) < 30 V DC
Residual ripple < 20 mV
Control deviation < 0.4 % (change in load, static 10 % ... 90 %)
< 2.9 % (Dynamic load change 10 % ... 90 %, 10 Hz)
< 0.1 % (change in input voltage ±10 %)
Rise time < 34 ms
Permissible backup fuse B16
Mains operation
Output voltage 24 V DC
Output voltage range 24 V DC ... 28 V DC (> 24 V constant capacity)
Output current I...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TRIO-UPS-2G/1AC/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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