

INDUSTRIAL COMPONENT DATA

TRIO-PS67/1AC/24DC/10/M12/5P 1395808 PHOENIX CONTACT
TRIO POWER primary switching power supply in IP67 die-c..

Brand: PHOENIX CONTACT | Manufacturer Part Number: TRIO-PS67/1AC/24DC/10/M12/5P



Manufacturer	PHOENIX CONTACT
MPN / Reference	TRIO-PS67/1AC/24DC/10/M12/5P
Catalog number	1395808
Category	DC-power supply
Minimum order	1 Pcs
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Product Overview

TRIO POWER primary switching power supply in IP67 die-cast housing, M12 circular connector, input: single-phase, 5-pole output: 24 V DC / 10 A, static boost up to 12.5 A (permanent)

TRIO POWER primary switched power supply in IP67 die casting housing, M12 circular connector, input: single-phase, output: 24 V DC/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)
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Additional Product Information

Technical data
Input data
AC Operation
Network Structure Star Network (TN, TT, IT (PE))
Nominal Input Voltage Range 120 V AC ... 240 V AC
Input Voltage Range 120 V AC ... 240 V AC ±10%
Operating Voltage > 85 V AC
Disconnect voltage < 85 V AC
Maximum dielectric strength ≤ 300 V AC 15 sec
Typical Country Grid Voltage 120 V AC
230 V AC
Supply Voltage Voltage Type AC
Extra-current shut-off ≤ 25 A (typical)
Inrush current integral (I_{2t}) < 0.5 A²s

Shut-off current voltage limitation Typ. 25 A (after 1 ms)
AC Frequency Range 50 Hz ... 60 Hz $\pm 10\%$
Frequency range (fN) 50 Hz ... 60 Hz $\pm 10\%$
Network Failure Bridging Time > 17 ms (120 V AC)
> 17 ms (230 V AC)
Current absorption 2.3 A (120 V AC)
1.2 A (240 V AC)
Nominal power input 285 VA
Protection Circuit Protection against transient overvoltages; Varistor
Connection Time < 1 sec
Inlet fuse 6.3 A (internal (device protection))
Selecting the Right Fuse for Ingress Protection 6 A ... 16 A (US/CAN: branch circuit protection)
Ground Shunt Current (PE) < 3.5 mA
Output DataYield Typ. 90% (120 V AC)
Typ. 92% (230 V AC)
Nominal Output Voltage 24 V DC $\pm 1\%$
Rated Output Current (IN) 10 A
Static Boost (IBoost est.) 12.5 A (UN? 230 V AC)
Static boost derating > 40 °C ... 50 °C 1 %/K > 50 ... 60 °C 0.22 %/K (UN? 230 V AC, PStat.Boost= PNx 1:25)
Dynamic Boost (IDyn.Boost) 15 A (5 sec)
Derating > 40 °C ... 50 °C (1%/K)
Recirculation Resistance ≤ 35 V DC
Output Surge Protection (OVP) ≤ 30 V DC
Dimming deviation < 1% (static load change 10% ... 90 %)
< 3% (D...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TRIO-PS67/1AC/24DC/10/M12/5P 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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