

**INDUSTRIAL COMPONENT DATA**

# TRIO-PS-IP67/1AC/24DC/20 1039830 PHOENIX CONTACT

## TRIO POWER primary-switched power supply in IP67 die-cast h..

Brand: PHOENIX CONTACT | Manufacturer Part Number: TRIO-PS-IP67/1AC/24DC/20



|                 |                          |
|-----------------|--------------------------|
| Manufacturer    | PHOENIX CONTACT          |
| MPN / Reference | TRIO-PS-IP67/1AC/24DC/20 |
| Catalog number  | 1039830                  |
| Category        | DC-power supply          |
| Minimum order   | 1 Pcs                    |
| Document ID     | EO-F794106039            |
| Generated       | 2026-09-21               |

### Product Overview

TRIO POWER primary-switched power supply in IP67 die-cast housing, input: 1-phase, output: 24 V DC / 20 A  
 TRIO POWER primary switching power supply in IP67 die-cast housing, input: single-phase, output: 24 V DC/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 1039830  
 Packing unit 1  
 Catalog page Page 264 (C-4-2019)  
 GTIN 4055626598703  
 Custom tariff number 85044030  
 Drawings  
 Ambient conditions  
 Output data  
 Connection data, input  
 Connection data for signaling  
 EMC data

Classifications

Dimensions

Input data

General

Connection data, output

Standards

Environmental Product Compliance

Drawings

Block diagram

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Width 151 mm

Height 304 mm

Depth 120 mm

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Degree of protection IP67

Ambient temperature (operation) -25 °C ... 85 °C (Derating >60°C: 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 4

Installation height ≤ 4000 m (> 2000 m, Derating: 10 %/1000 m)

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Nominal input voltage range 100 V AC ... 240 V AC

110 V DC ... 250 V DC

Input voltage range 100 V AC ... 240 V AC ±10 %

110 V DC ... 250 V DC ±10 %

Dielectric strength maximum ≤ 300 V AC 15 s

AC frequency range 50 Hz ... 60 Hz

Discharge current to PE < 3.5 mA

Current consumption 5.6 A (100 V AC)

2.4 A (240 V AC)

Nominal power consumption 36.8 W

Inrush current typ. 20 A (at 25 °C)

Mains buffering time typ. 10 ms (120 V AC)

typ. 15 ms (230 V AC)

Input fuse 10 A (internal (device protection))

Recommended breaker for input protection 10 A ... 16 A (Characteristics B, C, D, K)

Type of protectio...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TRIO-PS-IP67/1AC/24DC/20 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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