INDUSTRIAL COMPONENT DATA

# TRIO2-DIODE/12-24DC/2X10/1X20 2907380 PHOENIX CONTACT Diode

**Brand: PHOENIX CONTACT | Manufacturer Part Number: TRIO2-DIODE/12-24DC/2X10/1X20**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | TRIO2-DIODE/12-24DC/2X10/1X20 |
| Catalog number | 2907380 |
| Category | Surge protection module |
| Minimum order | 1 Pcs |
| Document ID | EO-BD6766DD3A |
| Generated | 2026-11-19 |

## Product Overview

Diode
Redundancy module, 12 V - 24 V DC, 2x 10 A, 1x 20 A

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Power Supplies (PS) |

## Additional Product Information

Technical dataInput dataDC operation
Nominal input voltage range 12 V DC ... 24 V DC
Input voltage range 10 V DC ... 30 V DC
Voltage type of supply voltage DC
Reverse polarity protection < yes60 V
Nominal input current (IN) 2x 10 A (-25 °C ... 60 °C)
1x 20 A (-25 °C ... 60 °C)
Maximum current Imax 2x 15 A (-25 °C ... 40 °C)
1x 30 A (-25 °C ... 40 °C)
Nominal input current (IN) 2x 10 A (-25 °C ... 60 °C)
1x 20 A (-25 °C ... 60 °C)
Transient surge protection Varistor
Voltage drop, input/output 0.5 V
Output dataEfficiency > 97 %

Nominal output voltage UIn- 0,5 V
Nominal output current (IN) 20 A
10 A
Derating 60 °C ... 70 °C (2.5 %/K)
Power loss nominal load max. 5 W (IOUT= 10 A)
Connection in series no
Derating 60 °C ... 70 °C (2.5 %/K)
Connection dataInput
Connection method Push-in connection
Conductor cross section, rigid min. 0.2 mm²
Conductor cross section, rigid max. 4 mm²
Conductor cross section flexible min. 0.2 mm²
Conductor cross section flexible max. 2.5 mm²
Conductor cross section AWG min. 16
Conductor cross section AWG max. 12
Stripping length 10 mm
Output
Connection method Screw connection
Conductor cross section, rigid min. 0.2 mm²
Conductor cross section, rigid max. 10 mm²
Conductor cross section flexible min. 0.2 mm²
Conductor cross section flexible max. 6 mm²
Conductor cross section AWG min. 12
Conductor cross section AWG max. 8
Stripping length 15 mm
Screw thread M3
Tightening torque, min 0.5 Nm
Tightening torque max 0.6 Nm
Electrical propertiesInsulation volt...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TRIO2-DIODE/12-24DC/2X10/1X20 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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