INDUSTRIAL COMPONENT DATA

TRIO2-DIODE/12-24DC/2X20/1X40 2907379 PHOENIX CONTACT Diode

Brand: PHOENIX CONTACT | Manufacturer Part Number: TRIO2-DIODE/12-24DC/2X20/1X40



Manufacturer	PHOENIX CONTACT
MPN / Reference	TRIO2-DIODE/12-24DC/2X20/1X40
Catalog number	2907379
Category	Surge protection module
Minimum order	1 Pcs
Document ID	EO-8866885B34
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Product Overview

Diode
Redundancy module, 12 V - 24 V DC, 2x 20 A, 1x 40 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 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 20 A (-25 °C ... 60 °C)
1x 40 A (-25 °C ... 60 °C)
Maximum current Imax 2x 25 A (-25 °C ... 40 °C)
1x 50 A (-25 °C ... 40 °C)
Nominal input current (IN) 2x 20 A (-25 °C ... 60 °C)
1x 40 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) 40 A
20 A
Derating 60 °C ... 70 °C (2.5 %/K)
Power loss nominal load max. 10 W (IOUT= 20 A)
Connection in series no
Connection dataInput
Connection method Push-in 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
Output
Connection method Screw connection
Conductor cross section, rigid min. 0.75 mm²
Conductor cross section, rigid max. 16 mm²
Conductor cross section flexible min. 0.75 mm²
Conductor cross section flexible max. 16 mm²
Conductor cross section AWG min. 8
Conductor cross section AWG max. 4
Stripping length 18 mm
Screw thread M3
Tightening torque, min 0.5 Nm
Tightening torque max 0.6 Nm
Electrical propertiesInsulation voltage input, output / housing 500 V....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TRIO2-DIODE/12-24DC/2X20/1X40 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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