INDUSTRIAL COMPONENT DATA

TRIO-DIODE/12-24DC/2X10/1X20 2866514 PHOENIX CONTACT Redundancy module

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	TRIO-DIODE/12-24DC/2X10/1X20
Catalog number	2866514
Category	Surge protection module
Minimum order	1 Pcs
Document ID	EO-4340ADB262
Generated	2026-11-18

Product Overview

Redundancy module
Redundancy module with functional monitoring, 12 ... 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

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
Input voltage range DC 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 ... 55 °C)
1x 20 A (-25 °C ... 55 °C)
Maximum current Imax 2x 15 A (-25 °C ... 40 °C)
1x 30 A (-25 °C ... 40 °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 (Increasing power)
10 A (Redundancy)
Derating 55 °C ... 70 °C (2.5 %/K)
Power loss nominal load max. 7 W (IOUT= 10 A)
Connection in series no
Signal: Floating redundancy OK
Output description Contact closed when UIN1& UIN2> 8 V
Maximum switching voltage max. 60 V DC
Maximum inrush current <= 100 mA (short-circuit-proof)
Connection dataInput
Connection method Screw connection
Conductor cross section, rigid min. 0.2 mm²
Conductor cross section, rigid max. 2.5 mm²
Conductor cross section flexible min. 0.2 mm²
Conductor cross section flexible max. 2.5 mm²
Conductor cross section AWG min. 24
Conductor cross section AWG max. 14
Stripping length 9 mm
Screw thread M2,5
Tightening torque, min 0.4 Nm
Tightening torque max 0.5 Nm
Output
Connection method Screw connection
Conductor cross section, rigid min. 0.5 mm²
Conductor cross section, rigid max. 6 mm²
Conductor cross section flexible min. 0.5 mm²
Conductor cross section flexible max...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TRIO-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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