INDUSTRIAL COMPONENT DATA

STEP-DIODE/5-24DC/2X5/1X10 2868606 PHOENIX CONTACT Redundancy module

Brand: PHOENIX CONTACT | Manufacturer Part Number: STEP-DIODE/5-24DC/2X5/1X10



Manufacturer	PHOENIX CONTACT
MPN / Reference	STEP-DIODE/5-24DC/2X5/1X10
Catalog number	2868606
Category	Surge protection module
Minimum order	1 Pcs
Document ID	EO-B39C4E7B79
Generated	2026-11-18

Product Overview

Redundancy module
Redundancy module, 5 ... 24 V DC, 2 x 5 A, 1 x 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)

Additional Product Information

Key Commercial Data
Orderkey 2868606
Packing unit 1 pc
Catalog page Page 267 (C-4-2017)
GTIN 4046356583923
Weight per Piece (excluding packing) 73.200 g
Custom tariff number 85049091
Country of origin PL (Poland)
Dimensions
Width 18 mm
Height 90 mm
Depth 61 mm
Ambient conditions
Degree of protection IP20

Ambient temperature (operation) -25 °C ... 70 °C (> 55° C derating : 2.5%/K)
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 2
Input data
Nominal input voltage range 5 V DC ... 24 V DC
5 V DC ... 24 V DC
Input voltage range 4.5 V DC ... 30 V DC
Nominal input current 2x 5 A (-25 °C ... 55 °C)
1x 10 A (-25 °C ... 55 °C)
2x 5 A (-25 °C ... 55 °C)
1x 10 A (-25 °C ... 55 °C)
Output data
Nominal output voltage 24 V DC
Setting range of the output voltage (USet) 5 V DC ... 24 V DC
Nominal output current (IN) 10 A (Increasing power)
5 A (Redundancy)
Derating 55 °C ... 70 °C (2.5%/K)
Connection in series No
Power loss nominal load max. 2.5 W (IOUT= 5 A)
General
Net weight 0.1 kg
Efficiency > 97 %
> 97 %
Protection class III
Degree of protection IP20
MTBF (IEC 61709, SN 29500)
> 25822000 h (40 °C)
Mounting position horizontal DIN rail NS 35, EN 60715
Assembly instructions alignable: 0 mm horizontally, 30 mm vertically
Connection data, input
Connection method Screw connection
Conductor cross section solid min. 0.2 mm²
Conductor cross se...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / STEP-DIODE/5-24DC/2X5/1X10 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.