

## 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-2B4C38F443              |
| Generated       | 2026-08-01                 |

## 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 &gt; Power Supplies (PS)

## Additional Product Information

Key Commercial Data

Orderkey 2868606

Packing unit 1 pc

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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 mm<sup>2</sup>  
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](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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