

## INDUSTRIAL COMPONENT DATA

# D-UFB-PB 2880642 PHOENIX CONTACT Surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: D-UFB-PB



|                 |                                                          |
|-----------------|----------------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                          |
| MPN / Reference | D-UFB-PB                                                 |
| Catalog number  | 2880642                                                  |
| Category        | Surge protection device for data networks/MCR-technology |
| Minimum order   | 1 Pcs                                                    |
| Document ID     | EO-3E5F6AEC2C                                            |
| Generated       | 2026-08-04                                               |

## Product Overview

Surge protection device

Fine surge protection in 9-pole D-SUB connector for PROFIBUS DP applications with a transmission rate of up to 12 Mbit/s.

## 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 > Trabtech (TT) |
|--------------|---------------------------------|

## Additional Product Information

Key Commercial Data

Orderkey 2880642

Packing unit 1 pc

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GTIN 4046356048989

Weight per Piece (excluding packing) 53.300 g

Custom tariff number 85363010

Country of origin DE (Germany)

Dimensions

Height 58 mm

Width 44.5 mm

Depth 16.6 mm

Ambient conditions

Ambient temperature (operation) -20 °C ... 75 °C

Ambient temperature (storage/transport) -20 °C ... 75 °C

Degree of protection IP40

General

Housing material ABS, metal-plated

Color silver

Standards for clearances and creepage distances IEC 60664-1

DIN VDE 0110-1

Overvoltage category II

Degree of pollution 2

Mounting type Direct assembly on the device interface

Type Connecting plug

Number of positions 4

Direction of action Line-Line & Line-Earth Ground

Protective circuit

IEC test classification C1

C3

B2

VDE requirement class C1

C3

B2

Maximum continuous voltage UC 5.2 V DC

Rated current 250 mA (25 °C)

Operating effective current  $I_{Cat UC} \leq 100 \mu A$

Residual current  $I_{PE} \leq 100 \mu A$

Nominal discharge current  $I_n(8/20) \mu s$  (line-line) 350 A

Nominal discharge current  $I_n(8/20) \mu s$  (line-earth) 350 A

Total discharge current  $I_{total}(8/20) \mu s$  350 A

Max. discharge current  $I_{max}(8/20) \mu s$  maximum (line-line) 350 A

Max. discharge current  $I_{max}(8/20) \mu s$  maximum (line-earth) 350 A

Output voltage limitation at 1 kV/ $\mu s$  (line-line) spike  $\leq 20 V$

Output voltage limitation at 1 kV/ $\mu s$  (line-earth) spike  $\leq 20 V$

Output voltage limitation at 1 kV/ $\mu s$  (line-line) static  $\leq 14 V$

Output voltage limitation at 1 kV/ $\mu s$  (line-earth) static  $\leq \dots$

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / D-UFB-PB 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

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