

**INDUSTRIAL COMPONENT DATA**

# PT 4X1-24DC-ST 2838322 PHOENIX CONTACT Surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT 4X1-24DC-ST



|                 |                                                          |
|-----------------|----------------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                          |
| MPN / Reference | PT 4X1-24DC-ST                                           |
| Catalog number  | 2838322                                                  |
| Category        | Surge protection device for data networks/MCR-technology |
| Minimum order   | 1 Pcs                                                    |
| Document ID     | EO-24B33C419E                                            |
| Generated       | 2026-08-02                                               |

## Product Overview

Surge protection plug

PT plug-in protection protection circuit for 4 conductors of signal circuits with unilateral ground. Rated voltage: 24 V DC

**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; Trabtech (TT)

## Additional Product Information

Key Commercial Data

Orderkey 2838322

Packing unit 10 pc

Catalog page Page 113 (C-4-2017)

GTIN 4017918182717

Weight per Piece (excluding packing) 24.570 g

Custom tariff number 85363010

Country of origin DE (Germany)

Dimensions

Height 45 mm

Width 17.7 mm

Depth 52 mm

Horizontal pitch 1 Div.

Complete module height 90 mm

Complete module width 17.7 mm

Complete module depth 65.5 mm

Ambient conditions

Ambient temperature (operation) -40 °C ... 85 °C

Degree of protection IP20

General

Housing material PA 6.6

Flammability rating according to UL 94 V-0

Color jet black RAL 9005

Standards for clearances and creepage distances VDE 0110-1

IEC 60664-1

Mounting type on base element

Type Male

Direction of action Line-Line & Line-Signal Ground/Shield & optional Signal Ground/Shield-Earth Ground

Arrester can be tested with CHECKMASTER from software version: From SW rev. 1.00

Protective circuit

IEC test classification C1

C2

C3

D1

VDE requirement class C1

C2

C3

D1

Nominal voltage UN 24 V DC

Maximum continuous voltage UC 28 V DC

20 V AC

Rated current 300 mA (45°C)

Operating effective current  $I_{Cat UC} \leq 5 \mu A$

Residual current  $I_{PE} \leq 1 \mu A$  (with PT 4X1+F-BE)

$\leq 20 \mu A$  (Directly grounded)

Nominal discharge current  $I_n(8/20) \mu s$  (line-earth) 10 kA

Pulse discharge current  $I_{imp}(10/350) \mu s$  2.5 kA (per path)

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

Max. discharge current  $I_{max}(8/20) \mu s$  maximum (line-earth) 10 kA

Nominal pulse current  $I_{an}(10/1000) \mu s$  (line-earth) 30 A

Output voltage limitation at 1 kV/ $\mu s$  (line-...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT 4X1-24DC-ST 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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