

**INDUSTRIAL COMPONENT DATA**

# PT 1X2-24DC-ST 2856032 PHOENIX CONTACT Surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT 1X2-24DC-ST



|                 |                                                          |
|-----------------|----------------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                          |
| MPN / Reference | PT 1X2-24DC-ST                                           |
| Catalog number  | 2856032                                                  |
| Category        | Surge protection device for data networks/MCR-technology |
| Minimum order   | 1 Pcs                                                    |
| Document ID     | EO-58B80A4227                                            |
| Generated       | 2026-08-02                                               |

## Product Overview

Surge protection plug

PT plug-in protection with circ. Protec. P/ un Circ. 2 cond. floating. Suitable for HART.

**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 2856032

Packing unit 10 pc

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GTIN 4017918599201

Weight per Piece (excluding packing) 20.000 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

Ambient temperature (storage/transport) -40 °C ... 85 °C

Altitude ≤ 2000 m (amsl (above mean sea level))

Degree of protection IP20

General

Housing material PA 6.6

Flammability rating according to UL 94 V-0

Color jet black RAL 9005

Overvoltage category 2

Degree of pollution III

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

Additional descriptions

Note Technical data is valid in association with the following specified base elements:

PT 1X2+F-BE 2856126

PT 1X2-BE 2856113

Protective circuit

IEC test classification C1

C2

C3

D1

Nominal voltage UN 24 V DC

Maximum continuous voltage UC 28 V DC

20 V AC

Rated current 450 mA (45°C)

Operating effective current I<sub>Cat UC</sub> ≤ 5 μA

Residual current I<sub>PE</sub> ≤ 1 μA (with PT 1X2+F-BE)

≤ 2 μA (with PT 1X2-BE)

Nominal discharge current I<sub>n(8/20)</sub> μs (line-line) 10 kA

Nominal discharge current I<sub>n(8/20)</sub> μs (line-earth) 10 kA

Pulse discharge cur...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT 1X2-24DC-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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