INDUSTRIAL COMPONENT DATA

# PT 2X1-VF-120AC 2859327 PHOENIX CONTACT Surge protection device

**Brand: PHOENIX CONTACT | Manufacturer Part Number: PT 2X1-VF-120AC**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | PT 2X1-VF-120AC |
| Catalog number | 2859327 |
| Category | Surge protection device for data networks/MCR-technology |
| Minimum order | 1 Pcs |
| Document ID | EO-C275D5A7FD |
| Generated | 2026-11-18 |

## Product Overview

Surge protection device
Rail mount surge arrester for high signal voltages. Leakage current-proof protection circuit for two signals without ground potential. Rated voltage: 120 V AC

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Trabtech (TT) |

## Additional Product Information

Key Commercial Data
Orderkey 2859327
Packing unit 10 pc
Note Made to Order (non-returnable)
Catalog page Page 114 (C-4-2017)
GTIN 4017918974565
Weight per Piece (excluding packing) 62.140 g
Custom tariff number 85363010
Country of origin DE (Germany)
Dimensions
Height 44.8 mm
Width 17.5 mm
Depth 51.7 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 ... 80 °C
Degree of protection IP20
General
Housing material PA 6.6
Flammability rating according to UL 94 V-0
Color black
Standards for cearances and creepage distances IEC 60664-1
DIN VDE 0110-1
Overvoltage category III
Degree of pollution 2
Mounting type DIN rail: 35 mm
Type DIN rail module, two-section, divisible
Number of positions 2
Direction of action Line-Line & Line-Earth Ground
Arrester can be tested with CHECKMASTER from software version: SW Version 2.13 or later
Protective circuit
IEC test classification C1
C2
C3
Nominal voltage UN 120 V AC
Maximum continuous voltage UC 175 V AC
Rated current 6 A
Operating effective current ICat UC <= 2 µA
Residual current IPE <= 4 µA
Nominal discharge current In(8/20) µs 3 kA
Nominal discharge current In(8/20) µs (line-earth) 3 kA
Pulse discharge current Iimp(10/350) µs 300 A
Total discharge current Itotal(8/20) µs 8 kA
Max. discharge current Imax(8/20) µs 8 kA
Nominal pulse current Ian (10/1000) µs (line-earth) 40 A
Output voltage limitation at 1 kV/µs (line-eart...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT 2X1-VF-120AC 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

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