INDUSTRIAL COMPONENT DATA

PT 2X1-VF-120AC-ST 2856799 PHOENIX CONTACT Surge protection plug

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT 2X1-VF-120AC-ST
Catalog number	2856799
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-0ABE5E27F7
Generated	2026-11-18

Product Overview

Surge protection plug
Plug-in protection with leakage current-proof protection circuit for two signals without earth potential. Series circuit consisting of varistor and a gas-filled surge arrester between the signal and ground conductors.

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 2856799
Packing unit 10 pc
Note Made to Order (non-returnable)
Catalog page Page 114 (C-4-2017)
GTIN 4017918974558
Weight per Piece (excluding packing) 25.600 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 on base element
Type Male
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 (with PT BE/FM)
Operating effective current ICat UC <= 2 µA
Residual current IPE <= 4 µA
Nominal discharge current In(8/20) µs 3 kA
Pulse discharge current Iimp(10/350) µs 300 A
Total discharge current Itotal(10/350) 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-earth) static <= 800 V
Residual voltage at In(line-earth) <= 600 V
Residual vol...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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