INDUSTRIAL COMPONENT DATA

PT 2X1VA-120AC-ST 2839185 PHOENIX CONTACT Surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT 2X1VA-120AC-ST



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT 2X1VA-120AC-ST
Catalog number	2839185
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-3DC8095BBE
Generated	2026-11-18

Product Overview

Surge protection plug
PT plug-in protection with 2-channel protection circuit for high signal voltages, optical fault indication. 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

Catalog path	PHOENIX CONTACT > Trabtech (TT)

Additional Product Information

Key Commercial Data
Orderkey 2839185
Packing unit 10 pc
Catalog page Page 114 (C-4-2017)
GTIN 4017918182847
Weight per Piece (excluding packing) 23.620 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 ... 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
Mounting type on base element
Type Male
Direction of action Line-Line & Line-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 -BE/ FM 2839282
Protective circuit
IEC test classification C1
C2
C3
D1
Nominal voltage UN 120 V AC (50/60 Hz)
Maximum continuous voltage UC 150 V DC
150 V AC (50/60 Hz)
Rated current 26 A AC (30 °C)
1 A DC (82 °C)
Operating effective current ICat UC <= 1.5 mA AC
<= 2 mA DC
Residual current IPE <= 3 mA AC
<= 4 mA DC
Nominal discharge current In(8/20) µs (line-earth) 2.5 kA
Pulse discharge current Iimp(10/350) µs 500 A
Total discharge current Itotal(8/20) µs 5 kA
Output voltage limitation at 1 kV/µs (line-earth) spike <= 380 V
Output...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT 2X1VA-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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