

INDUSTRIAL COMPONENT DATA

PT 2X1-24DC-ST 2856087 PHOENIX CONTACT Surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT 2X1-24DC-ST



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT 2X1-24DC-ST
Catalog number	2856087
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-BBE732A3DA
Generated	2026-08-01

Product Overview

Surge protection plug

Plug-in surge protection for base element, coarse and fine protection for two signal conductors with common reference potential, coarse protection against longitudinal voltage to earth. Workmanship: 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 > Trabtech (TT)

Additional Product Information

Key Commercial Data

Orderkey 2856087

Packing unit 10 pc

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GTIN 4017918599164

Weight per Piece (excluding packing) 20.100 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
Degree of protection IP20
General
Housing material PA 6.6
Flammability rating according to UL 94 V-0
Color black
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 IPE $\leq 1 \mu A$ (with PT 2X1+F-BE)
 $\leq 10 \mu A$ (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/ μs (line-earth) sp...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT 2X1-24DC-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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