

INDUSTRIAL COMPONENT DATA

PT 2X2- 5DC-ST 2838241 PHOENIX CONTACT Surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT 2X2-5DC-ST



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT 2X2-5DC-ST
Catalog number	2838241
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-945AE44100
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Product Overview

Surge protection plug

Plug protection. PT with circ. of Protec. for two circ. 2 cond. Floating. Nominal voltage: 5 V DC. 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 > Trabtech (TT)

Additional Product Information

Key Commercial Data

Orderkey 2838241

Packing unit 10 pc

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GTIN 4017918182656

Weight per Piece (excluding packing) 20.900 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
Nominal voltage UN 5 V DC
Maximum continuous voltage UC 6 V DC
4 V AC
Rated current 450 mA (45°C)
Operating effective current I_{Cat} UC $\leq$ 1 mA
Residual current IPE $\leq$ 1 μ A (with PT 2X2+F-BE)
 $\leq$ 4 μ A
Nominal discharge current $I_n(8/20)$ μ s (line-line) 10 kA
Nominal discharge current $I_n(8/20)$ μ s (line-earth) 10 kA
Pulse discharge current $I_{imp}(10/350)$ μ s 2.5 kA (per path)
Total discharge current $I_{total}(8/20)$ μ s 20 kA
Max. discharge current $I_{max}(8/20)$ μ s maximum (line-line) 10 kA
Max. discharge current $I_{max}(8/20)$ μ s maximum (line-earth) 10 kA
Output voltage limitation at 1 kV/ μ s (line-line)....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT 2X2-5DC-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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