

INDUSTRIAL COMPONENT DATA

PT 3-PB-ST 2858030 PHOENIX CONTACT Surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT 3-PB-ST



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT 3-PB-ST
Catalog number	2858030
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-A4867595E0
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Product Overview

Surge protection plug

Plug-in surge protection for base element, coarse and fine transverse voltage protection for two signal conductors without earth potential in information technology, coarse protection against longitudinal earth voltage.

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 2858030

Packing unit 10 pc

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GTIN 4017918878030

Weight per Piece (excluding packing) 20.530 g

Custom tariff number 85363090

Country of origin DE (Germany)

Dimensions

Height 45 mm

Width 17.7 mm

Depth 52 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

Altitude max. 2000 m

Degree of protection IP20

General

Housing material PA

Flammability rating according to UL 94 V-0

Color black

Standards for clearances and creepage distances DIN EN 61664-1

IEC 60664-1

Mounting type on base element

Type Male

Number of positions 2

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. 1.10

Protective circuit

IEC test classification C1

C2

C3

D1

VDE requirement class C1

C2

C3

D1

Nominal voltage UN 5 V DC

Maximum continuous voltage UC 5.2 V DC

3.6 V AC

Rated current 450 mA (45°C)

Operating effective current $I_{Cat UC} \leq 300 \mu A$

Residual current IPE $\leq 300 \mu A$ (with PT 1X2-BE)

$\leq 1 \mu A$ (with PT 1X2+F-BE)

Nominal discharge current $I_n(8/20) \mu s$ (line-line) 10 kA

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

Total discharge current $I_{total}(8/20) \mu s$ 20 kA

Max. discharge current $I_{max}(8/20) \mu s$ maximum (line-line) 10 kA

Max. discharge current $I_{m...}$

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT 3-PB-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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