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-2F80F705F8
Generated	2026-11-18

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
Catalog page Page 154 (C-4-2017)
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 cearances 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 ICat UC <= 300 µA
Residual current IPE <= 300 µA (with PT 1X2-BE)
<= 1 µA (with PT 1X2+F-BE)
Nominal discharge current In(8/20) µs (line-line) 10 kA
Nominal discharge current In(8/20) µs (line-earth) 10 kA
Pulse discharge current Iimp(10/350) µs 2.5 kA
Total discharge current Itotal(8/20) µs 20 kA
Max. discharge current Imax(8/20) µs maximum (line-line) 10 kA
Max. discharge current Im...

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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