INDUSTRIAL COMPONENT DATA

PT 4-F-ST 2858441 PHOENIX CONTACT Surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT 4-F-ST



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT 4-F-ST
Catalog number	2858441
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-68C3EE6C51
Generated	2026-11-19

Product Overview

Surge protection plug
Plug-in surge protection for the base element, protection is sufficient for four grounded signal wires on one side.

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 2858441
Packing unit 10 pc
Catalog page Page 115 (C-4-2017)
GTIN 4017918892364
Weight per Piece (excluding packing) 19.220 g
Custom tariff number 85363010
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
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-Signal Ground/Shield & 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
Nominal voltage UN 110 V AC
Maximum continuous voltage UC 60 V DC
120 V AC
Rated current 2 A AC (80 °C)
150 mA DC (80 °C)
Operating effective current ICat UC <= 2 µA
Residual current IPE <= 8 µA (with PT 4-BE)
<= 2 µA (with PT 4+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 (line-earth) 2.5 kA
Total discharge current Itotal(8/20) µs 20 kA
Output voltage limitation at 1 kV/µs (line-earth) spike <= 450 V (with PT 4-BE)
<= 600 V (with PT 4+F-B...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT 4-F-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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