INDUSTRIAL COMPONENT DATA

PT 4-24AC-ST 2800078 PHOENIX CONTACT Surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT 4-24AC-ST



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT 4-24AC-ST
Catalog number	2800078
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-9CC6834F7C
Generated	2026-11-18

Product Overview

Surge protection plug
PT plug-in protection protection circuit for a four-conductor signal circuit with no ground potential. Rated voltage: 24 V AC

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 2800078
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 116 (C-4-2017)
GTIN 4046356462211
Weight per Piece (excluding packing) 37.170 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 & optional Signal Ground/Shield-Earth Ground
Additional descriptions
Note If the maximum permissible short-circuit current at the installation location exceeds the specified values, a fuse should be selected which ensures a shutdown time of < 5 s.
Technical data is valid in association with the following specified base elements:
with PT 4+F-BE
with PT 4-BE
Protective circuit
IEC test classification C1
C2
C3
D1
Nominal voltage UN 24 V AC
Maximum continuous voltage UC 40 V DC
28 V AC
Rated current 2 A AC (80 °C)
500 mA DC (80 °C)
Operating effective current ICat UC <= 5 µA
Residual current IPE <= 4 µA (with PT 4-BE)
<= 1 µA (with PT 4+F-BE)
Nominal discharge current In(8/20) µs (line-l...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT 4-24AC-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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