

INDUSTRIAL COMPONENT DATA

PT 4X1-48AC-ST 2804856 PHOENIX CONTACT Surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT 4X1-48AC-ST



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT 4X1-48AC-ST
Catalog number	2804856
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-9EA81ABFE7
Generated	2026-07-31

Product Overview

Surge protection plug

PT plug-in protection protection circuit for 4 conductors of signal circuits with unilateral ground. Rated voltage: 48 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 2804856

Packing unit 10 pc

Note Made to Order (non-returnable)

Catalog page Page 113 (C-4-2017)

GTIN 4046356339865

Weight per Piece (excluding packing) 25.950 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 $\leq$ 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
Arrester can be tested with CHECKMASTER from software version: From SW rev. 3.17
Protective circuit
IEC test classification C1
C2
C3
D1
Nominal voltage UN 48 V AC
Maximum continuous voltage UC 77 V DC
55 V AC
Rated current 300 mA (45°C)
Operating effective current $I_{Cat UC} \leq 5 \mu A$
Residual current IPE $\leq 1 \mu A$ (with PT 4X1+F-BE)
 $\leq 20 \mu A$ (Directly grounded)
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 (per path)
Total discharge current $I_{total}(8/20) \mu s$ 20 kA
Max. discharge current $I_{max}(8/20) \mu s$ maximum (line-earth) 10 kA (per path)
20 kA (in total)
Nominal pulse current $I_{an} (10/1000)...$

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT 4X1-48AC-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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.