

INDUSTRIAL COMPONENT DATA

PT 4X1-48DC-ST 2858014 PHOENIX CONTACT Surge protection plug

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT 4X1-48DC-ST
Catalog number	2858014
Category	Surge protection device for data networks/MCR-technology
Minimum order	10 Pcs
Document ID	EO-EF53F98E55
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Product Overview

Surge protection plug

Plug-in surge protection for base element, coarse and fine longitudinal voltage protection for four conductors with common reference potential. Execution: 48 V DC

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 2858014

Packing unit 10 pc

Catalog page Page 113 (C-4-2017)

GTIN 4017918828325

Weight per Piece (excluding packing) 21.770 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

Degree of protection IP20

General

Housing material PA 6.6

Flammability rating according to UL 94 V-0

Color jet black RAL 9005

Standards for clearances and creepage distances VDE 0110-1

IEC 60664-1

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. 1.00

Protective circuit

IEC test classification C1

C2

C3

D1

VDE requirement class C1

C2

C3

D1

Nominal voltage UN 48 V DC

Maximum continuous voltage UC 53 V DC

37 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

Nominal pulse current $I_{an}(10/1000) \mu s$ (line-earth) 17 A

Output voltage limitation at 1 kV/ μs (line-...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT 4X1-48DC-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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