

INDUSTRIAL COMPONENT DATA

PT PE/S+1X2-24-ST 2819008 PHOENIX CONTACT Surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT PE/S+1X2-24-ST



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT PE/S+1X2-24-ST
Catalog number	2819008
Category	Combined arrester for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-11D45E58C4
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Product Overview

Surge protection plug

PT plug-in protection with device protection against overvoltages for power supplies, optical fault indication, nominal voltage: 24 V and a two-conductor signal circuit without earth potential, nominal voltage: 24 V.

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)
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Additional Product Information

Key Commercial Data

Orderkey 2819008

Packing unit 10 pc

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GTIN 4017918819323

Weight per Piece (excluding packing) 25.830 g

Custom tariff number 85363010

Country of origin DE (Germany)

Dimensions

Height 44.8 mm

Width 17.5 mm

Depth 51.7 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

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

Current supply arrester can be tested with CHECKMASTER starting with software version: From SW rev. 1.00

Direction of action L-N-PE & Signal Line-Signal Line-Earth Ground

Protective circuit, power supply

EN type T3

Arrester rated voltage UC 34 V AC

44 V DC

Nominal frequency fN 50 Hz (60 Hz)

Rated load current IL 6 A (30 °C)

Operating effective current ICat UC ≤ 1.5 mA

Residual current IPE ≤ 5 µA

Nominal discharge current In(8/20) µs 700 A

Max. discharge current I_{max}(8/20) µs 2 kA

Combination wave UOC 2 kV

Voltage protection level Up(L-N) ≤ 0.18 kV

Voltage protection level Up(L-PE) ≤ 0.55 kV

Response time (L-N) ≤ 25 ns

Response time (L-PE) ≤ 100 ns

Surge protection fault message optical

Connection (protective circuit, power supply)

Connection method Screw connection (in connection with the base element)

Connection method IN PLUGTRAB plug-in s...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT PE/S+1X2-24-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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