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-0671BECDCC
Generated	2026-11-18

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)

Additional Product Information

Key Commercial Data
Orderkey 2819008
Packing unit 10 pc
Catalog page Page 99 (C-4-2017)
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 Imax(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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