

INDUSTRIAL COMPONENT DATA

CT 10-2PE/FS-24 2807955 PHOENIX CONTACT Surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: CT 10-2PE/FS-24



Manufacturer	PHOENIX CONTACT
MPN / Reference	CT 10-2PE/FS-24
Catalog number	2807955
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-A532FE1208
Generated	2026-08-04

Product Overview

Surge protection plug

LSA-PLUS (COMTRAB CT 10) connector with coarse/fine surge protection for 10 signal circuits driven without earth potential. Nominal voltage: 24 V DC. Version: 10 two-wire circuits

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 2807955

Packing unit 1 pc

Note Made to Order (non-returnable)

Catalog page Page 106 (C-6-2013)

GTIN 4017918104740

Weight per Piece (excluding packing) 125.150 g

Custom tariff number 85363010

Country of origin DE (Germany)

Dimensions

Height 22 mm

Width 111 mm

Depth 68.5 mm

Ambient conditions

Ambient temperature (operation) -25 °C ... 75 °C

Degree of protection IP20

General

Housing material PBT

Flammability rating according to UL 94 V0

Color black

Standards for clearances and creepage distances VDE 0110-1

IEC 60664-1

Mounting type On CT-TERMIBLOCK and LSA-PLUS disconnect strip

Type LSA-PLUS module

Direction of action Line-Line & Line-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

Nominal voltage UN 24 V DC

Maximum continuous voltage UC 40 V DC

28 V AC

Nominal current IN 1.5 A (75 °C)

Operating effective current ICat UC ≤ 5 µA (a-b)

Residual current IPE ≤ 1 µA (per path)

Nominal discharge current In(8/20) µs (line-line) 119 A (25 °C)

Nominal discharge current In(8/20) µs (line-earth) 5 kA

Total surge current (8/20) µs 10 kA

Max. discharge current I_{max}(8/20) µs maximum (line-line) 119 A (25 °C)

Max. discharge current I_{max}(8/20) µs maximum (line-earth) 5 kA

Nominal pulse current I_{an} (10/1000) µs (line-line) 23 A (25 °C)

Output voltage limitation at 1 kV/µs (line-line) spike ≤ 70 V

Output voltage limitation at 1 kV/µs (line-earth) spike ≤ 650 V

Output v...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CT 10-2PE/FS-24 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.