INDUSTRIAL COMPONENT DATA

CT 10-18FSR+F/PE-24 2807939 PHOENIX CONTACT Surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: CT 10-18FSR+F/PE-24



Manufacturer	PHOENIX CONTACT
MPN / Reference	CT 10-18FSR+F/PE-24
Catalog number	2807939
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-B569F6C237
Generated	2026-11-18

Product Overview

Surge protection plug
LSA-PLUS (COMTRAB CT 10) connector with coarse/fine surge protection and decoupling resistance for 18 signal lines - GND and coarse GND protection - PE. 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 2807939
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 107 (C-6-2013)
GTIN 4017918075415
Weight per Piece (excluding packing) 1.330 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 cearances and creepage distances VDE 0110-1
Mounting type On CT-TERMIBLOCK and LSA-PLUS disconnect strip
Type LSA-PLUS module
Direction of action Line-Signal Ground/Shield & 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
Nominal voltage UN 24 V DC
Maximum continuous voltage UC 40 V DC
28 V AC
Rated current 140 mA (25 °C)
Operating effective current ICat UC <= 5 µA (18x)
Residual current IPE <= 1 µA
Nominal discharge current In(8/20) µs (line-line) 5 kA
Nominal discharge current In(8/20) µs (line-earth) 5 kA
Total discharge current Itotal(8/20) µs 10 kA
Max. discharge current Imax(8/20) µs 5 kA
Max. discharge current Imax(8/20) µs maximum (line-earth)
Output voltage limitation at 1 kV/µs (line-earth) spike <= 60 V (a, b)
Output voltage limitation at 1 kV/µs (line-earth) static <= 650 V
Residual voltage at In(line-line) <= 85 V (a-b)
Residual voltage at In(line-signalground) <= 85...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CT 10-18FSR+F/PE-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

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