INDUSTRIAL COMPONENT DATA

CTM 1X2- 12DC 2838597 PHOENIX CONTACT Surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: CTM 1X2-12DC



Manufacturer	PHOENIX CONTACT
MPN / Reference	CTM 1X2-12DC
Catalog number	2838597
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-E2FA349BA9
Generated	2026-11-18

Product Overview

Surge protection plug
LSA-PLUS plug-in protection with 2-wire single-circuit protection for signal circuits without ground potential. Rated voltage: 12 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 2838597
Packing unit 10 pc
Note Made to Order (non-returnable)
Catalog page Page 102 (C-4-2017)
GTIN 4017918819743
Weight per Piece (excluding packing) 10.030 g
Custom tariff number 85363010
Country of origin DE (Germany)
Dimensions
Height 21 mm
Width 9.5 mm
Depth 53.5 mm

Ambient conditions
Ambient temperature (operation) -25 °C ... 75 °C
Degree of protection IP20
General
Housing material PA
Flammability rating according to UL 94 V-0
Color black
Standards for cearances and creepage distances DIN VDE 0110-1
IEC 60664-1
Overvoltage category II
Degree of pollution 2
Mounting type On CT-TERMIBLOCK and LSA-PLUS disconnect strip
Type LSA-PLUS module
Number of positions 2
Direction of action Line-Line & Line-Earth Ground
Arrester can be tested with CHECKMASTER from software version: From SW rev. 1.10
Protective circuit
IEC test classification B2
C1
C2
C3
D1
VDE requirement class B2
C1
C2
C3
D1
Nominal voltage UN 12 V DC
Maximum continuous voltage UC ± 15 V DC
10 V AC
Rated current 380 mA AC (25 °C)
Operating effective current ICat UC <= 5 µA
Residual current IPE <= 2 µA
Nominal discharge current In(8/20) µs (line-line) 5 kA
Nominal discharge current In(8/20) µs (line-earth) 5 kA
Pulse discharge current Iimp(10/350) µs (line-earth) 1 kA
Total discharge current Itotal(8/20) µs 10 kA
Total discharge current Itotal(10/350) µs 2.5 kA
Max. discharge current Imax(8/20) µs maximum (line-earth) 10 kA (in total)
Nominal pulse current Ian (10/1000) µs (line-line) 10...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CTM 1X2-12DC 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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