

INDUSTRIAL COMPONENT DATA

CTM 1X2- 24DC 2838513 PHOENIX CONTACT Surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: CTM 1X2-24DC



Manufacturer	PHOENIX CONTACT
MPN / Reference	CTM 1X2-24DC
Catalog number	2838513
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-A202078683
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Product Overview

Surge protection plug

LSA-PLUS (COMTRAB CTM) plug-in protection with 2-wire circuit protection for signal circuits without ground potential.

Rated voltage: 24 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)
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Additional Product Information

Key Commercial Data

Orderkey 2838513

Packing unit 10 pc

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GTIN 4017918819545

Weight per Piece (excluding packing) 10.000 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 clearances 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 24 V DC
Maximum continuous voltage UC $\pm$ 30 V DC
21 V AC
Rated current 380 mA AC (25 °C)
Operating effective current ICat UC $\leq$ 5 μ A
Residual current IPE $\leq$ 2 μ A
Nominal discharge current In(8/20) μ s (line-line) 5 kA
Nominal discharge current In(8/20) μ s (line-earth) 5 kA
Pulse discharge current Iimp(10/350) μ s (line-earth) 1 kA
Total discharge current Itotal(8/20) μ s 10 kA
Total discharge current Itotal(10/350) μ s 2.5 kA
Max. discharge current Imax(8/20) μ s maximum (line-earth) 10 kA (in total)
Nominal pulse current Ian (10/1000) μ s (line-line) 100 A
Nominal pulse current Ian (10/10...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CTM 1X2-24DC 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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