

INDUSTRIAL COMPONENT DATA

CTM 2X1- 12DC 2838584 PHOENIX CONTACT Surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: CTM 2X1-12DC



Manufacturer	PHOENIX CONTACT
MPN / Reference	CTM 2X1-12DC
Catalog number	2838584
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-79569804BA
Generated	2026-07-31

Product Overview

Surge protection plug

LSA-PLUS (COMTRAB CTM) plug-in protection protection for 2 conductors of signal circuits with unilateral ground. 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 2838584

Packing unit 10 pc

Catalog page Page 119 (C-4-2017)

GTIN 4017918819606

Weight per Piece (excluding packing) 10.560 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 12 V DC

Maximum continuous voltage UC $\pm$ 15 V DC

10 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-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-earth) 100 A

Output voltage limitation at 1 kV/ μ s (line-earth) spike $\leq$ 28 V

Output voltage limitati...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CTM 2X1-12DC 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

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.