

**INDUSTRIAL COMPONENT DATA**

# CTM 1X2-110AC 2838539 PHOENIX CONTACT Surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: CTM 1X2-110AC



|                 |                                                          |
|-----------------|----------------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                          |
| MPN / Reference | CTM 1X2-110AC                                            |
| Catalog number  | 2838539                                                  |
| Category        | Surge protection device for data networks/MCR-technology |
| Minimum order   | 1 Pcs                                                    |
| Document ID     | EO-C0BDEB5BB1                                            |
| Generated       | 2026-08-02                                               |

## Product Overview

Surge protection plug

LSA-PLUS (COMTRAB CTM) connector for potential-free signal circuits, to protect a two-wire cable circuit of analogue and digital telecommunication interfaces (up to 50 Mbits/s). Rated voltage: 110 V AC

**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 &gt; Trabtech (TT)

## Additional Product Information

Key Commercial Data

Orderkey 2838539

Packing unit 10 pc

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GTIN 4017918819569

Weight per Piece (excluding packing) 9.900 g

Custom tariff number 85363010

Country of origin DE (Germany)

Dimensions

Height 21 mm

Width 9.4 mm

Depth 52.4 mm

Ambient conditions

Ambient temperature (operation) -25 °C ... 75 °C  
Altitude ≤ 2000 m (amsl (above mean sea level))  
Degree of protection IP20  
General  
Housing material PA 6.6  
Flammability rating according to UL 94 V-0  
Color jet black RAL 9005  
Overvoltage category II  
Degree of pollution 2  
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. 1.10  
Transmission speed 42 Mbps  
Protective circuit  
IEC test classification B2  
C1  
C2  
C3  
D1  
Nominal voltage UN 110 V AC  
Maximum continuous voltage UC 60 V DC  
125 V AC  
Rated current 380 mA AC (25 °C)  
150 mA DC (25 °C)  
Operating effective current  $I_{Cat UC} \leq 5 \mu A$  (in the signal circuit)  
Residual current  $I_{PE} \leq 2 \mu A$  (per path)  
Nominal discharge current  $I_n(8/20) \mu s$  (line-line) 5 kA  
Nominal discharge current  $I_n(8/20) \mu s$  (line-earth) 5 kA  
Pulse discharge current  $I_{imp}(10/350) \mu s$  (line-earth) 1 kA  
Total discharge current  $I_{total}(8/20) \mu s$  10 kA  
Total discharge current  $I_{total}(10/350) \mu s$  2.5 kA  
Nominal pulse current  $I_{an}(10/1000) \mu s$  (line-line) 100 A  
Nominal pulse current  $I_{an}(10/1000) \mu s$  (line-earth) 100 A  
Output voltage limitation at 1 kV/ $\mu s$  (...)

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CTM 1X2-110AC with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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