

INDUSTRIAL COMPONENT DATA

CTM 2X1- 60DC 2838542 PHOENIX CONTACT Surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: CTM 2X1-60DC



Manufacturer	PHOENIX CONTACT
MPN / Reference	CTM 2X1-60DC
Catalog number	2838542
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-DC8D6C2724
Generated	2026-08-01

Product Overview

Surge protection plug

LSA-PLUS plug-in protection protection circuit for 2 conductors of signal circuits with unilateral ground. Rated voltage: 60 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 2838542

Packing unit 10 pc

Catalog page Page 119 (C-4-2017)

GTIN 4017918819576

Weight per Piece (excluding packing) 10.580 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 $\leq$ 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

Protective circuit

IEC test classification B2

C1

C2

C3

D1

Nominal voltage UN 60 V DC

Maximum continuous voltage UC 60 V DC

50 V AC

Rated current 380 mA AC (25 °C)

150 mA DC (25 °C)

Operating effective current $I_{Cat UC} \leq 70 \mu A$

Residual current $I_{PE} \leq 2 \mu A$

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-earth) 100 A

Output voltage limitation at 1 kV/ μs (line-earth) spike $\leq 160 V$

Output voltage limitation at 1 kV/ μs (line-earth) static $\leq 160 V$

Residual voltage at I_n (line-earth) $\leq 95 V$

Residual voltage with $I_{an}(10/1000) \mu s$ (l...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CTM 2X1-60DC 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.