

## INDUSTRIAL COMPONENT DATA

## LIT 2-12 2804694 PHOENIX CONTACT Surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: LIT 2-12



|                 |                                                          |
|-----------------|----------------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                          |
| MPN / Reference | LIT 2-12                                                 |
| Catalog number  | 2804694                                                  |
| Category        | Surge protection device for data networks/MCR-technology |
| Minimum order   | 1 Pcs                                                    |
| Document ID     | EO-C980EBFE83                                            |
| Generated       | 2026-07-29                                               |

## Product Overview

Surge protection device

Surge protection on the module for one-piece symmetrical rail mounting, 6.2 mm wide, for two potential-free signal conductors. Tested according to the degrees of protection in the Ex zones: Ex ia IIC / Ex iaD.

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification &amp; Catalog Path

|              |                                 |
|--------------|---------------------------------|
| Catalog path | PHOENIX CONTACT > Trabtech (TT) |
|--------------|---------------------------------|

## Additional Product Information

Key Commercial Data

Orderkey 2804694

Packing unit 10 pc

Note Made to Order (non-returnable)

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GTIN 4046356462198

Weight per Piece (excluding packing) 55.750 g

Custom tariff number 85363010

Country of origin DE (Germany)

Dimensions

Height 93.1 mm

Width 6.2 mm

Depth 102.5 mm (incl. DIN rail 7.5 mm)

Ambient conditions

Ambient temperature (operation) -40 °C ... 80 °C

Ambient temperature (storage/transport) -40 °C ... 80 °C

Altitude  $\leq 2000$  m (amsl (above mean sea level))

Degree of protection IP20

General

Housing material PBT

Flammability rating according to UL 94 V-0

Color anthracite grey RAL 7016

Mounting type DIN rail: 35 mm

Type DIN rail module, one-piece

Direction of action Line-Line & Line-Earth Ground

Protective circuit

IEC test classification C1

C2

C3

D1

Nominal voltage UN 12 V DC

Maximum continuous voltage UC 18 V DC

13 V AC

Rated current 500 mA (40 °C)

Operating effective current  $I_{Cat UC} \leq 2 \mu A$

Residual current IPE  $\leq 2 \mu A$

Nominal discharge current  $I_n(8/20) \mu s$  (line-line) 350 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) 500 A

1 kA (in total)

Total discharge current  $I_{total}(8/20) \mu s$  10 kA

20 kA (1x)

Max. discharge current  $I_{max}(8/20) \mu s$  maximum (line-line) 350 A

Max. discharge current  $I_{max}(8/20) \mu s$  maximum (line-earth) 10 kA

20 kA (in total)

Nominal pulse current  $I_{an}(10/1000) \mu s$  (line-line) 70 A

Nominal pulse current  $I_{an}(10/1000) \mu s$  (line-earth) 50 A

100 A (in total)

Output volt...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / LIT 2-12 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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