

**INDUSTRIAL COMPONENT DATA**

# LIT 4X1-24 2804649 PHOENIX CONTACT Surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: LIT 4X1-24



|                 |                                                          |
|-----------------|----------------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                          |
| MPN / Reference | LIT 4X1-24                                               |
| Catalog number  | 2804649                                                  |
| Category        | Surge protection device for data networks/MCR-technology |
| Minimum order   | 1 Pcs                                                    |
| Document ID     | EO-B2A4D36AA0                                            |
| Generated       | 2026-08-01                                               |

## Product Overview

Surge protection device

Surge protection on the module for one-piece symmetrical rail mounting, 6.2 mm wide, for four conductors with common reference potential.

**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 2804649

Packing unit 10 pc

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GTIN 4046356428286

Weight per Piece (excluding packing) 63.740 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-Earth Ground  
Protective circuit  
IEC test classification C1  
C2  
C3  
D1  
Nominal voltage UN 24 V DC  
Maximum continuous voltage UC 36 V DC  
25 V AC  
Rated current 350 mA (40° C)  
Operating effective current  $I_{Cat UC} \leq 2 \mu A$   
Residual current IPE  $\leq 8 \mu A$   
Nominal discharge current  $I_n(8/20) \mu s$  (line-earth) 5 kA  
Pulse discharge current  $I_{imp}(10/350) \mu s$  (line-earth) 500 A  
2 kA (in total)  
Total discharge current  $I_{total}(8/20) \mu s$  20 kA  
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-earth) 50 A  
200 A (in total)  
Output voltage limitation at 1 kV/ $\mu s$  (line-earth) spike  $\leq 60 V$   
Residual voltage at  $I_n$ (line-earth)  $\leq 50 V$   
Residual voltage with  $I_{an}(10/1000) \mu s$  (line-earth)  $\leq 60 V$   
Voltage protection level  $U_p$ (line-earth)  $\leq 60 V$  (C1 - 500 V / 250 A)  
 $\leq 95 V$  (C2 - ...)

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / LIT 4X1-24 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

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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