INDUSTRIAL COMPONENT DATA

# LIT 2-24 2804665 PHOENIX CONTACT Surge protection device

**Brand: PHOENIX CONTACT | Manufacturer Part Number: LIT 2-24**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | LIT 2-24 |
| Catalog number | 2804665 |
| Category | Surge protection device for data networks/MCR-technology |
| Minimum order | 1 Pcs |
| Document ID | EO-11A5A35A32 |
| Generated | 2026-11-18 |

## 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 & Catalog Path

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

## Additional Product Information

Key Commercial Data
Orderkey 2804665
Packing unit 10 pc
Catalog page Page 92 (C-6-2013)
GTIN 4046356428323
Weight per Piece (excluding packing) 52.000 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 <= 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 24 V DC
Maximum continuous voltage UC 36 V DC
25 V AC
Rated current 500 mA (40° C)
Operating effective current ICat UC <= 2 µA
Residual current IPE <= 2 µA
Nominal discharge current In(8/20) µs (line-line) 250 A
Nominal discharge current In(8/20) µs (line-earth) 5 kA
Pulse discharge current Iimp(10/350) µs (line-earth) 500 A
1 kA (in total)
Total discharge current Itotal(8/20) µs 10 kA
20 kA (1x)
Max. discharge current Imax(8/20) µs maximum (line-line) 250 A
Max. discharge current Imax(8/20) µs maximum (line-earth) 10 kA
20 kA (in total)
Nominal pulse current Ian (10/1000) µs (line-line) 50 A
Nominal pulse current Ian (10/1000) µs (line-earth) 50 A
100 A (in total)
Output voltage limitation at 1 kV/µs (line-line...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / LIT 2-24 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.



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