

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-420F0DDEA3
Generated	2026-09-19

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 > Trabtech (TT)
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Additional Product Information

Key Commercial Data

Orderkey 2804649

Packing unit 10 pc

Catalog page Page 117 (C-4-2017)

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 ≤ 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/ μs (line-earth) spike ≤ 60 V
Residual voltage at I_n (line-earth) ≤ 50 V
Residual voltage with $I_{an}(10/1000) \mu s$ (line-earth) ≤ 60 V
Voltage protection level U_p (line-earth) ≤ 60 V (C1 - 500 V / 250 A)
 ≤ 95 V (C2 - ...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / LIT 4X1-24 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

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