

INDUSTRIAL COMPONENT DATA

LIT 2X1-24 2804636 PHOENIX CONTACT Surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: LIT 2X1-24



Manufacturer	PHOENIX CONTACT
MPN / Reference	LIT 2X1-24
Catalog number	2804636
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-47DC44E3C7
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Product Overview

Surge protection device

Surge protection on the module for one-piece symmetrical rail mounting, 6.2 mm wide, for two 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)

Additional Product Information

Key Commercial Data

Orderkey 2804636

Packing unit 10 pc

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GTIN 4046356428316

Weight per Piece (excluding packing) 53.460 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 $\leq 4 \mu A$

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

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) 10 kA

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

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

100 A (in total)

Output voltage limitation at 1 kV/ μs (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 prot...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / LIT 2X1-24 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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