

INDUSTRIAL COMPONENT DATA

LIT 2-24 2804665 PHOENIX CONTACT Surge protection device

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	LIT 2-24
Catalog number	2804665
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
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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 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

Catalog path PHOENIX CONTACT > Trabtech (TT)

Additional Product Information

Key Commercial Data

Orderkey 2804665

Packing unit 10 pc

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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 $\leq$ 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 24 V DC

Maximum continuous voltage UC 36 V DC

25 V AC

Rated current 500 mA (40° C)

Operating effective current ICat UC $\leq$ 2 μ A

Residual current IPE $\leq$ 2 μ A

Nominal discharge current $I_n(8/20)$ μ s (line-line) 250 A

Nominal discharge current $I_n(8/20)$ μ s (line-earth) 5 kA

Pulse discharge current $I_{imp}(10/350)$ μ s (line-earth) 500 A
1 kA (in total)

Total discharge current $I_{total}(8/20)$ μ s 10 kA
20 kA (1x)

Max. discharge current $I_{max}(8/20)$ μ s maximum (line-line) 250 A

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

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

Nominal pulse current $I_{an}(10/1000)$ μ s (line-earth) 50 A
100 A (in total)

Output voltage limitation at 1 kV/ μ s (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.

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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