INDUSTRIAL COMPONENT DATA

LIT 2X2-24 2804623 PHOENIX CONTACT Surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: LIT 2X2-24



Manufacturer	PHOENIX CONTACT
MPN / Reference	LIT 2X2-24
Catalog number	2804623
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-C1280F4A83
Generated	2026-11-18

Product Overview

Surge protection device
Overvoltage protection. In module p/ mounting on SIM rail. One piece, 6.2 mm wide, for two circs. Floating signal in 2 cond technique. Tested according to degrees of protection in Ex zones: Ex ia IIC/Ex iaD. Suitable for HART.

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 2804623
Packing unit 10 pc
Catalog page Page 100 (C-4-2017)
GTIN 4046356428309
Weight per Piece (excluding packing) 63.000 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 350 mA (40° C)
Operating effective current ICat UC <= 2 µA
Residual current IPE <= 4 µA
Nominal discharge current In(8/20) µs (line-line) 5 kA
Nominal discharge current In(8/20) µs (line-earth) 5 kA
Pulse discharge current Iimp(10/350) µs (line-earth) 500 A
2 kA (in total)
Total discharge current Itotal(8/20) µs 20 kA
Max. discharge current Imax(8/20) µs maximum (line-line) 10 kA
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
200 A (in total)
Output voltage limitation at 1 kV/µs (line-line) spike <= 6...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / LIT 2X2-24 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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