INDUSTRIAL COMPONENT DATA

LIT 2-12 2804694 PHOENIX CONTACT Surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: LIT 2-12



Manufacturer	PHOENIX CONTACT
MPN / Reference	LIT 2-12
Catalog number	2804694
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-D1F9FD21C1
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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 2804694
Packing unit 10 pc
Note Made to Order (non-returnable)
Catalog page Page 92 (C-6-2013)
GTIN 4046356462198
Weight per Piece (excluding packing) 55.750 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 12 V DC
Maximum continuous voltage UC 18 V DC
13 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) 350 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) 350 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) 70 A
Nominal pulse current Ian (10/1000) µs (line-earth) 50 A
100 A (in total)
Output volt...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / LIT 2-12 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.