

INDUSTRIAL COMPONENT DATA

MT-RS485 2762265 PHOENIX CONTACT Surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: MT-RS485



Manufacturer	PHOENIX CONTACT
MPN / Reference	MT-RS485
Catalog number	2762265
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-98DC86B3B2
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Product Overview

Surge protection device

Rail mounting module with coarse and fine surge protection for RS-485 interface, for mounting on NS 35/7.5, housing width: 50 mm

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 2762265

Packing unit 5 pc

Catalog page Page 100 (TT-2002)

GTIN 4017918064945

Weight per Piece (excluding packing) 101.950 g

Custom tariff number 85363010

Country of origin DE (Germany)

Dimensions

Height 77.5 mm

Width 47.6 mm

Depth 54.9 mm

Ambient conditions

Ambient temperature (operation) -40 °C ... 60 °C

Degree of protection IP20

General

Color black

Mounting type DIN rail: 35 mm

Type DIN rail module, one-piece

Direction of action Line-Line & Line-Signal Ground/Shield & Signal Ground/Shield-Earth Ground

Protective circuit

IEC test classification C2

C3

D1

VDE requirement class C2

C3

D1

Maximum continuous voltage UC 12 V DC

Rated current 450 mA (25 °C)

Operating effective current ICat UC $\leq 10 \mu\text{A}$

Nominal discharge current $I_n(8/20) \mu\text{s}$ (line-line) 10 kA

Nominal discharge current $I_n(8/20) \mu\text{s}$ (line-earth) 10 kA

Pulse discharge current $I_{imp}(10/350) \mu\text{s}$ 500 A

Output voltage limitation at 1 kV/ μs (line-line) spike $\leq 22 \text{ V}$

Output voltage limitation at 1 kV/ μs (line-earth) spike $\leq 600 \text{ V}$

Output voltage limitation at 1 kV/ μs (line-line) static $\leq 22 \text{ V}$

Output voltage limitation at 1 kV/ μs (line-earth) static $\leq 600 \text{ V}$

Output voltage limitation at 1 kV/ μs (line-signalground) static $\leq 22 \text{ V}$

Residual voltage at $I_n(\text{line-line}) \leq 19 \text{ V}$

Residual voltage at $I_n(\text{line-signalground}) \leq 19 \text{ V}$

Voltage protection level $U_p(\text{line-line}) \leq 22 \text{ V}$

Voltage protection level $U_p(\text{line-earth}) \leq 600 \text{ V}$

Voltage protection level $U_p(\text{line-signalground}) \leq 22 \text{ V}$

Response time $t_A(\text{line-line}) 1 \text{ ns}$

Response tim...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MT-RS485 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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