

INDUSTRIAL COMPONENT DATA

DT-LAN-CAT.6+ 2881007 PHOENIX CONTACT Surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: DT-LAN-CAT.6+



Manufacturer	PHOENIX CONTACT
MPN / Reference	DT-LAN-CAT.6+
Catalog number	2881007
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-814A87770D
Generated	2026-08-01

Product Overview

Surge protection device

Surge protection according to EA class (CAT6A), for Gigabit Ethernet (up to 10 GBit/s), Token Ring, FDDI/CDDI, ISDN, DS1. Suitable for Power over Ethernet (PoE++ / 4PPoE) "Mode A" and "Mode B". RJ45 intermediate connector with separate grounding conductor and grounding interlocking foot for NS 35 rail.

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)
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Additional Product Information

Key Commercial Data

Orderkey 2881007

Packing unit 1 pc

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GTIN 4046356151900

Weight per Piece (excluding packing) 314.100 g

Custom tariff number 85363010

Country of origin DE (Germany)

Dimensions

Height 102 mm

Width 25 mm

Depth 63.5 mm

Ambient conditions

Ambient temperature (operation) -40 °C ... 70 °C

Ambient temperature (storage/transport) -40 °C ... 70 °C

Degree of protection IP20

General

Housing material Zinc die-cast

Color silver/black

Mounting type Connection-specific attachment plug and DIN rail, 35 mm

Type Attachment plug for DIN rail mounting

Number of positions 8

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

Protective circuit

IEC test classification B2

C1

C2

C3

D1

Maximum continuous voltage UC(wire-wire) ≤ 3.3 V DC (± 60 V DC/PoE+)Rated current ≤ 1.5 A (25 °C)Operating effective current ICat UC ≤ 1 μ AResidual current IPE ≤ 400 μ ANominal discharge current In(8/20) μ s (line-line) 100 ANominal discharge current In(8/20) μ s (line-earth) 2 kA (per signal pair)Total discharge current Itotal(8/20) μ s 10 kANominal pulse current Ian (10/700) μ s (line-line) ≤ 40 ANominal pulse current Ian (10/700) μ s (line-earth) ≤ 160 AOutput voltage limitation at 1 kV/ μ s (line-line) spike ≤ 85 V (PoE)Output voltage limitation at 1 kV/ μ s (line-earth) spike ≤ 700 VOutput voltage limitation at 1 kV/ μ s (line-line) static ≤ 9 VOutput voltage limitation at 1 kV/ μ s (line-earth) static ≤ 700 VResidual voltage at In(line-line) ≤ 15 V ≤ 100 V (PoE)

Vo...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DT-LAN-CAT.6+ 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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