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-CE3C6D1104
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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)

Additional Product Information

Key Commercial Data
Orderkey 2881007
Packing unit 1 pc
Catalog page Page 142 (C-4-2017)
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 µA
Residual current IPE <= 400 µA
Nominal discharge current In(8/20) µs (line-line) 100 A
Nominal discharge current In(8/20) µs (line-earth) 2 kA (per signal pair)
Total discharge current Itotal(8/20) µs 10 kA
Nominal pulse current Ian (10/700) µs (line-line) <= 40 A
Nominal pulse current Ian (10/700) µs (line-earth) <= 160 A
Output voltage limitation at 1 kV/µs (line-line) spike <= 85 V (PoE)
Output voltage limitation at 1 kV/µs (line-earth) spike <= 700 V
Output voltage limitation at 1 kV/µs (line-line) static <= 9 V
Output voltage limitation at 1 kV/µs (line-earth) static <= 700 V
Residual 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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