INDUSTRIAL COMPONENT DATA

# D-LAN-CAT.5E 2858991 PHOENIX CONTACT Surge protection device

**Brand: PHOENIX CONTACT | Manufacturer Part Number: D-LAN-CAT.5E**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | D-LAN-CAT.5E |
| Catalog number | 2858991 |
| Category | Surge protection device for data networks/MCR-technology |
| Minimum order | 1 Pcs |
| Document ID | EO-55C7863B6C |
| Generated | 2026-11-18 |

## Product Overview

Surge protection device
Fine surge protection according to class D (CAT.5e), for Token ring and Ethernet. RJ45 adapter with separate grounding line with RJ45 cable

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Trabtech (TT) |

## Additional Product Information

Key Commercial Data
Orderkey 2858991
Packing unit 1 pc
Catalog page Page 97 (TT-2005)
GTIN 4017918920463
Weight per Piece (excluding packing) 139.800 g
Custom tariff number 85363010
Country of origin DE (Germany)
Dimensions
Height 94 mm
Width 25.4 mm
Depth 25.4 mm
Ambient conditions

Ambient temperature (operation) -40 °C ... 80 °C
Degree of protection IP20
General
Housing material Aluminum, anodized
Color black
Standards for cearances and creepage distances DIN VDE 0110-1
IEC 60664-1
Overvoltage category II
Degree of pollution 2
Mounting type Connection-specific intermediate plugging
Type Attachment plug
Direction of action Line-Line & Line-Shield & Shield-Earth Ground
Protective circuit
IEC test classification C1
C2
C3
B2
B3
VDE requirement class C1
C2
C3
B2
B3
Maximum continuous voltage UC ± 7 V DC
Rated current 1.5 A (25 °C)
Operating effective current ICat UC <= 100 µA
Residual current IPE <= 100 µA
Nominal discharge current In(8/20) µs (line-line) 350 A
Nominal discharge current In(8/20) µs (line-earth) 2.5 kA
Max. discharge current Imax(8/20) µs maximum (line-earth) 2.5 kA (in total)
Nominal pulse current Ian (10/700) µs (line-line) 160 A
Nominal pulse current Ian (10/700) µs (line-earth) 160 A
Output voltage limitation at 1 kV/µs (line-line) spike <= 22 V
Output voltage limitation at 1 kV/µs (line-earth) spike <= 80 V (equipotential bonding lead: 1 m)
Output voltage limitation at 1 kV/µs (shield-earth) spike <= 700 V (equipotential bonding lead: 1 m)
Residual voltage at In...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / D-LAN-CAT.5E 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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