

INDUSTRIAL COMPONENT DATA

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

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



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-93D321079C
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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

Catalog path	PHOENIX CONTACT > Trabtech (TT)
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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 clearances 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 $U_C \pm 7 \text{ V DC}$

Rated current 1.5 A (25 °C)

Operating effective current $I_{Cat} U_C \leq 100 \mu\text{A}$

Residual current $I_{PE} \leq 100 \mu\text{A}$

Nominal discharge current $I_n(8/20) \mu\text{s}$ (line-line) 350 A

Nominal discharge current $I_n(8/20) \mu\text{s}$ (line-earth) 2.5 kA

Max. discharge current $I_{max}(8/20) \mu\text{s}$ maximum (line-earth) 2.5 kA (in total)

Nominal pulse current $I_{an}(10/700) \mu\text{s}$ (line-line) 160 A

Nominal pulse current $I_{an}(10/700) \mu\text{s}$ (line-earth) 160 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 $\leq 80 \text{ V}$ (equipotential bonding lead: 1 m)

Output voltage limitation at 1 kV/ μs (shield-earth) spike $\leq 700 \text{ V}$ (equipotential bonding lead: 1 m)

Residual voltage at $I_n...$

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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