

INDUSTRIAL COMPONENT DATA

D-LAN-CAT.5E-U 2859084 PHOENIX CONTACT Surge protection device

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	D-LAN-CAT.5E-U
Catalog number	2859084
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-7BE735FB1C
Generated	2026-08-03

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 and fixing foot for DIN rail NS 35/7.5

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 2859084

Packing unit 1 pc

Catalog page Page 97 (TT-2005)

GTIN 4017918920470

Weight per Piece (excluding packing) 125.000 g

Custom tariff number 85363010

Country of origin DE (Germany)

Dimensions

Height 94 mm

Width 25.4 mm

Depth 45.4 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 DIN rail: 35 mm

Type Attachment plug for DIN rail mounting

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 $UC \pm 7 \text{ V DC}$

Rated current 1.5 A (25 °C)

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

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 $I_n(I_{lin}...$

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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