

INDUSTRIAL COMPONENT DATA

D-LAN-CAT.5-HC 2800763 PHOENIX CONTACT Surge protection device

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	D-LAN-CAT.5-HC
Catalog number	2800763
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-FF2C4F4CFD
Generated	2026-08-04

Product Overview

Surge protection device

Surge protection for data networks up to 1 GBit/s. Use on Ethernet, Power over Ethernet (PoE, Mode A and Mode B), Token Ring, ISDN and DS1. RJ45 adapter with separate grounding line and fixing foot for DIN 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 2800763

Packing unit 1 pc

GTIN 4046356730280

Weight per Piece (excluding packing) 25.000 g

Custom tariff number 85363030

Country of origin CN (China)

Dimensions

Height 110 mm

Width 28 mm

Depth 60 mm (incl. NS 35 adapter)

Ambient conditions

Ambient temperature (operation) -40 °C ... 85 °C

Degree of protection IP20

General

Housing material PC+ABS

Flammability rating according to UL 94 V-0

Color gray

Standards for clearances and creepage distances VDE 0110-1

IEC 60664

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

C2

D1

VDE requirement class B2

C2

D1

Maximum continuous voltage $U_C \pm 5 \text{ V DC}$

Maximum continuous voltage $U_C(\text{wire-wire}) \pm 5 \text{ V DC} (\pm 57 \text{ V DC} / \text{PoE+})$

Nominal current $I_N \leq 1.5 \text{ A} (25^\circ\text{C})$

Operating effective current $I_{Cat} U_C \leq 600 \mu\text{A}$

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

350 A (per signal pair)

Nominal discharge current $I_n(8/20) \mu\text{s} (\text{line-earth}) 2 \text{ kA} (\text{per signal pair})$

Pulse discharge current $I_{imp}(10/350) \mu\text{s} (\text{line-earth}) 1 \text{ kA} (\text{per signal pair})$

Max. discharge current $I_{max}(8/20) \mu\text{s} \text{ maximum} (\text{line-earth}) 10 \text{ kA} (\text{per signal pair})$

Nominal pulse current $I_{an} (10/700) \mu\text{s} (\text{line-line}) \leq 25 \text{ A}$

Nominal pulse current $I_{an} (10/700) \mu\text{s} (\text{line-earth}) \leq 100 \text{ A}$

Nominal pulse current $I_{an} (10/700) \mu\text{s} (\text{line-line}) \leq 25 \text{ A} (\text{per signal pair})$

Nominal pulse current $I_{an} (10/700) \mu\text{s} (\text{li...})$

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.