

INDUSTRIAL COMPONENT DATA

TAE-TRAB FM-NFN-AP 2749628 PHOENIX CONTACT Surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: TAE-TRAB FM-NFN-AP



Manufacturer	PHOENIX CONTACT
MPN / Reference	TAE-TRAB FM-NFN-AP
Catalog number	2749628
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-BD83DDC172
Generated	2026-08-02

Product Overview

Surge protection device

Spray-protected TAE (NFN) connection box with surge protection for analogue and digital telecommunication interfaces (VDSL up to 50 MBit/s, short distances (< 300 m) up to 100 MBit/s)

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 2749628

Packing unit 1 pc

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GTIN 4017918108199

Weight per Piece (excluding packing) 79.600 g

Custom tariff number 85363010

Country of origin DE (Germany)

Dimensions

Height 27 mm

Width 65 mm

Depth 80 mm

Ambient conditions

Ambient temperature (operation) -40 °C ... 80 °C

Degree of protection IP20

General

Housing material ABS

Color cream white

Standards for clearances and creepage distances VDE 0110-1

IEC 60664-1

For country-specific use in D

Mounting type Surface/Wall mounting

Type Socket for surface mounting

Direction of action Line-Line & Line-Earth Ground

Protective circuit

IEC test classification B2

C1

C2

C3

D1

VDE requirement class B2

C1

C2

C3

D1

Nominal voltage UN 60 V DC

Maximum continuous voltage UC 185 V DC

Rated current 450 mA ($\leq 40^{\circ}\text{C}$)

Operating effective current $I_{\text{Cat UC}} \leq 10 \mu\text{A}$

Residual current $I_{\text{PE}} \leq 6 \mu\text{A}$

Nominal discharge current $I_{\text{n}}(8/20) \mu\text{s}$ (line-line) 5 kA

Nominal discharge current $I_{\text{n}}(8/20) \mu\text{s}$ (line-earth) 5 kA

Total discharge current $I_{\text{total}}(8/20) \mu\text{s}$ 10 kA

Total discharge current $I_{\text{total}}(10/350) \mu\text{s}$ 5 kA

Max. discharge current $I_{\text{max}}(8/20) \mu\text{s}$ maximum (line-line) 5 kA

Max. discharge current $I_{\text{max}}(8/20) \mu\text{s}$ maximum (line-earth) 5 kA

Nominal pulse current $I_{\text{an}}(10/1000) \mu\text{s}$ (line-line) 100 A

Nominal pulse current $I_{\text{an}}(10/1000) \mu\text{s}$ (line-earth) 100 A

Nominal pulse current $I_{\text{an}}(10/700) \mu\text{s}$ (line-line) 150 A

Nominal pulse current $I_{\text{an}}(10/700) \mu\text{s}$ (line-earth) 150 A

Output voltage limitation at 1 kV/ μs (line-line) spike $\leq \dots$

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TAE-TRAB FM-NFN-AP 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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