

INDUSTRIAL COMPONENT DATA

TTC-6-3-HF-F-M-EX-24DC-UT-I 2906823 PHOENIX CONTACT

Surge protection, consisting of protective plug and base..

Brand: PHOENIX CONTACT | Manufacturer Part Number: TTC-6-3-HF-F-M-EX-24DC-UT-I



Manufacturer	PHOENIX CONTACT
MPN / Reference	TTC-6-3-HF-F-M-EX-24DC-UT-I
Catalog number	2906823
Category	Combined arrester for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-26B24997F9
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Product Overview

Surge protection, consisting of protective plug and base element, with integrated status indicator and knife disconnection for a 3-wire Ex i signal circuit with common reference potential. For HF applications. Indirect grounding via gas-filled surge arrester, HART-compatible. Can be used inside of a fieldbus-system according to the FISCO concept.

Surge protection with integrated status indicator and blade interrupt for a 3-wire intrinsically safe signal circuit with common reference potential. For high-frequency applications. Indirect earthing by gas discharger, suitable for HART. Suitable for use in fieldbus systems (e.g. Profibus PA) according to the FISCO concept, APL ready.

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 2906823

Packing unit 1 pc

Catalog page Page 180 (C-4-2019)

GTIN 4055626135854

Weight per Piece (excluding packing) 60.000 g

Custom tariff number 85363010

Country of origin DE (Germany)

Drawings

Ambient conditions

[Protective circuit](#)

[Standards and Regulations](#)

[Conformity / approvals](#)

[Classifications](#)

[Dimensions](#)

[General](#)

[Connection data](#)

[General](#)

[Environmental Product Compliance](#)

[Drawings](#)

[Diagram](#)

[Dimensional drawing](#)

[Pictogram](#)

[Circuit diagram](#)

[Back to top](#)[Dimensions](#)

Height 105.8 mm

Width 6.2 mm +0.1 mm

Depth 83.5 mm (incl. DIN rail 7.5 mm)

[Back to top](#)[Ambient conditions](#)

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

Ambient temperature (storage/transport) -40 °C ... 85 °C

Permissible humidity (operation) 5 % ... 95 %

Altitude ≤ 2000 m (amsl (above mean sea level))

Degree of protection IP20

[Back to top](#)[General](#)

Housing material PBT

Flammability rating according to UL 94 V-0

Color sky blue RAL 5015

Mounting type DIN rail: TH 35 - 7.5 mm

Type DIN rail module, one-piece

Direction of action Line-Line & Line-Signal Ground/Shield & optional Signal Ground/Shield-Earth Ground

[Back to top](#)[Protective circuit](#)

IEC test classification C1

C2

C3

D1

Nominal voltage UN 24 V DC

Maximum continuous voltage UC 30 V DC

Rated current 600 mA (40 °C)

Operating effective current I_{Cat UC} ≤ 5 μA

Residual current I_{PE} ≤ 1 μA

Nominal discharge current I_{n(8/20)} μs (line-line) 5 kA

Nominal discharge current I_{n(8/20)} μs (line-earth) 5 kA

Nominal discharge current I_{n(8/20)} μs (line-signal ground)...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TTC-6-3-HF-F-M-EX-24DC-UT-I 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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