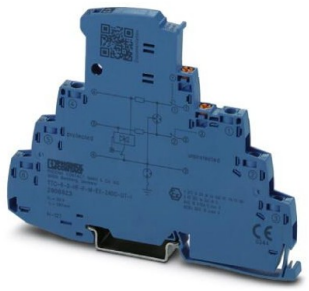
INDUSTRIAL COMPONENT DATA

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-4D63A01977
Generated	2026-11-19

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)

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 topDimensions
Height 105.8 mm
Width 6.2 mm +0.1 mm
Depth 83.5 mm (incl. DIN rail 7.5 mm)
Back to topAmbient 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 topGeneral
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 topProtective 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 ICat UC <= 5 µA
Residual current IPE <= 1 µA
Nominal discharge current In(8/20) µs (line-line) 5 kA
Nominal discharge current In(8/20) µs (line-earth) 5 kA
Nominal discharge current In(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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