INDUSTRIAL COMPONENT DATA

TTC-6-3-HF-F-24AC-PT-I 1088786 PHOENIX CONTACT Surge protection with integrated status indicator for three s..

Brand: PHOENIX CONTACT | Manufacturer Part Number: TTC-6-3-HF-F-24AC-PT-I



Manufacturer	PHOENIX CONTACT
MPN / Reference	TTC-6-3-HF-F-24AC-PT-I
Catalog number	1088786
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-1AA0415985
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Product Overview

Surge protection with integrated status indicator for three signal wires with common reference potential. For HF applications and telecommunications interfaces without supply voltage (up to 90 Mbps). Indirect grounding via gas discharge tube. Surge protection with integrated status indication for three signal conductors with common reference potential. For high-frequency applications and telecommunication interfaces without supply voltage (up to 90 MBit/s). Indirect grounding by gas discharger.

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

Technical dataProduct propertiesProduct type Surge protection for information technology
Product family TERMITRAB complete
IEC test classification C1
C2
C3
D1
Type DIN rail module, one-piece
Data management status
Article revision 02
Insulation characteristics
Overvoltage category III

Pollution degree 2
Electrical propertiesNominal voltage UN 24 V AC
Connection dataConnection method Push-in connection
Conductor cross section flexible 0.2 mm² ... 2.5 mm²
Conductor cross section rigid 0.2 mm² ... 4 mm²
Conductor cross section AWG 24 ... 12
DimensionsDimensional drawing
Width 6.2 mm +0.1 mm
Height 105.8 mm
Depth 83.5 mm (incl. DIN rail 7.5 mm)
Material specificationsColor gray (RAL 7042)
Flammability rating according to UL 94 V-0
Insulating material PBT
Housing material PBT
Mechanical propertiesMechanical data
Open side panel No
Protective circuitDirection of action Line-Line & Line-Signal Ground/Shield & optional Signal Ground/Shield-Earth Ground
Maximum continuous voltage UC 43 V DC
30 V AC
Rated current 600 mA (40 °C)
Residual current IPE <= 1 µA
Nominal discharge current In(8/20) µs 10 kA
Pulse discharge current Iimp(10/350) µs 2.5 kA
Total discharge current Itotal(8/20) µs 10 kA
Voltage protection level Up(line-line) <= 80 V (C1 - 1 kV / 500 A)
<= 80 V (C1 - 1 kV / 500 A, >1 µs)
<= 150 V (C2 - 10 kV / 5 kA)
<= 70 V (C2 - 10 kV / 5 kA, >1 µs)
<= 75 V (C3 - 100 A)
<= 75 V (C3 - 100 A, >1 µs)
Voltage protection level Up(line-earth) <= 900 V (C1 - 1 kV / 500 A)
<= 100 V (C1 - 1 kV / 50...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TTC-6-3-HF-F-24AC-PT-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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