

INDUSTRIAL COMPONENT DATA

PT 5-HF-24DC-ST 2906002 PHOENIX CONTACT Surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT 5-HF-24DC-ST



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT 5-HF-24DC-ST
Catalog number	2906002
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-4D3DD164F2
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Product Overview

Surge protection device

PT plug-in protection with AF protection circuit for 4 signal conductors. Rated voltage: 24 V DC

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 2906002

Packing unit 1 pc

Note Made to Order (non-returnable)

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GTIN 4055626013398

Weight per Piece (excluding packing) 22.050 g

Custom tariff number 85363010

Country of origin DE (Germany)

Dimensions

Height 45 mm

Width 17.7 mm

Depth 52 mm

Ambient conditions

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

Altitude $\leq$ 2000 m

Degree of protection IP20

General

Housing material PA 6.6

Flammability rating according to UL 94 V-0

Color black

Type Male

Number of positions 5

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

Protective circuit

IEC test classification C1

C2

C3

D1

VDE requirement class C1

C2

C3

D1

Nominal voltage UN 24 V DC

Maximum continuous voltage UC 28 V DC

Rated current 450 mA (45°C)

Operating effective current I_{Cat} UC $\leq$ 5 μ A

Residual current IPE $\leq$ 5 μ A (with PT 2X2-BE)

$\leq$ 1 μ A (with PT 2X2+F-BE)

Nominal discharge current $I_n(8/20)$ μ s (line-line) 10 kA

Nominal discharge current $I_n(8/20)$ μ s (line-earth) 10 kA (with PT 2X2+F-BE)

10 kA (with PT 2X2-BE)

Pulse discharge current $I_{imp}(10/350)$ μ s 2.5 kA (with PT 2X2-BE)

2.5 kA (with PT 2X2+F-BE)

Total discharge current $I_{total}(8/20)$ μ s 20 kA

Nominal pulse current $I_{an}(10/1000)$ μ s (line-line) 25 A

Voltage protection level U_p (line-line) $\leq$ 150 V (C1 - 1 kV/500 A)

$\leq$ 165 V (C2 - 10 kV / 5 kA)

$\leq$ 450 V (C2 - 10 kA)

$\leq$ 50 V (C3 - 25 A)

Voltage protection level U_p (line-earth) $\leq$ 150 V (C1 - 1 kV/500 A)

$\leq$ 700 V (C1 - 1 kV / 50...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT 5-HF-24DC-ST 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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