

INDUSTRIAL COMPONENT DATA

PT 2X1-VF-230AC-ST 2921365 PHOENIX CONTACT Surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT 2X1-VF-230AC-ST



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT 2X1-VF-230AC-ST
Catalog number	2921365
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-629FABFB6D
Generated	2026-08-01

Product Overview

Surge protection plug

Plug-in protection with leakage current-proof protection circuit for two signals without earth potential. Series circuit consisting of varistor and a gas-filled surge arrester between the signal and ground conductors.

Protective connector with protective circuit free of leakage current for two floating signals. Connection in series, consisting of varistor and gas-filled surge arrester between signal wires and ground.

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

Technical dataProduct propertiesProduct type Surge protection for MCR technology

Product family PLUGTRAB PT

IEC test classification C1

C2

C3

D1

Type Male

Number of positions 2

Surge protection fault message none

Data management status

Article revision 08

Electrical propertiesNominal voltage UN 230 V AC

Indicator/remote signaling

Switching function N/C contact

Connection dataConnection method Screw connection (in connection with the base element)

Screw thread M3

Tightening torque 0.8 Nm

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 17.5 mm

Height 44.8 mm

Depth 51.7 mm

Horizontal pitch 1 Div.

Complete module width 17.7 mm

Complete module height 90 mm

Complete module depth 65.5 mm

Material specificationsColor black (RAL 9005)

Flammability rating according to UL 94 V-0

Housing material PA 6.6

Mechanical propertiesMechanical data

Open side panel No

Protective circuitDirection of action Line-Line & Line-Earth Ground

Maximum continuous voltage UC 250 V AC

Rated current 6 A

Operating effective current I_{Cat UC} ≤ 2 μA

Residual current I_{PE} ≤ 2 μA (at UN)

Nominal discharge current I_{n(8/20)} μs 3 kA

Pulse discharge current I_{imp(10/350)} μs 500 A

Total discharge current I_{total(8/20)} μs 8 kA

Total discharge current I_{total(10/350)} μs 1 kA

Max. discharge current I_{max(8/20)} μs 8 kA

Nominal pulse current I_{an (10/1000)} μs (line-earth) 100 A

Output voltage limitation at...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT 2X1-VF-230AC-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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