

INDUSTRIAL COMPONENT DATA

PT 2X2-FF-ST 2800755 PHOENIX CONTACT Surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT 2X2-FF-ST



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT 2X2-FF-ST
Catalog number	2800755
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-DF5B445B04
Generated	2026-07-29

Product Overview

Surge protection plug
 PLUGTRAB, Plug-in Surge Protection for Foundation Fieldbus

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 PLUGTRAB PT

IEC test classification C1

C2

C3

D1

VDE requirement class C1

C2

C3

D1

Type Male

Number of positions 5

Surge protection fault message none

Wire pairs per module 2

Data management status

Article revision 09

Insulation characteristics

Overvoltage category III

Pollution degree 2

Electrical propertiesNominal voltage UN 32 V DC

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

DimensionsDimensional drawing

Width 17.7 mm

Height 45 mm

Depth 52 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)

black (RAL 9005)

Flammability rating according to UL 94 V0

Housing material PA

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 36 V DC

Rated current 1.6 A

Operating effective current I_{Cat UC} ≤ 5 μA

Residual current I_{PE} ≤ 5 μA (with PT 4-BE)

Nominal discharge current I_n(8/20) μs (line-line) 100 A

Nominal discharge current I_n(8/20) μs (line-ground) 10 kA

Pulse discharge current I_{imp}(10/350) μs 1 kA

Max. discharge current I_{max}(8/20) μs maximum (line-line) 100 A

Max. discharge current I_{max}(8/20) μs maximum (line-earth) 10 kA

Nominal pulse current I_{an} (10/1000) μs (line-line) 23 A

O...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT 2X2-FF-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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.