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-CC8B50B23A
Generated	2026-11-18

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 ICat UC <= 5 µA
Residual current IPE <= 5 µA (with PT 4-BE)
Nominal discharge current In(8/20) µs (line-line) 100 A
Nominal discharge current In(8/20) µs (line-ground) 10 kA
Pulse discharge current Iimp(10/350) µs 1 kA
Max. discharge current Imax(8/20) µs maximum (line-line) 100 A
Max. discharge current Imax(8/20) µs maximum (line-earth) 10 kA
Nominal pulse current Ian (10/1000) µs (line-line) 23 A
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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

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