INDUSTRIAL COMPONENT DATA

PT 1X2-12DC/FM-ST 2920065 PHOENIX CONTACT Surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT 1X2-12DC/FM-ST



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT 1X2-12DC/FM-ST
Catalog number	2920065
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-A0AE20E8F6
Generated	2026-11-18

Product Overview

Surge protection plug
Pluggable surge protection with diagnostic and status indication on the module and remote indication for a potential-free two-conductor signal circuit.

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 2920065
Packing unit 10 pc
Note Made to Order (non-returnable)
Catalog page Page 90 (TT-2011)
GTIN 4046356153980
Weight per Piece (excluding packing) 27.100 g
Custom tariff number 85363010
Country of origin DE (Germany)
Note
Utilization restriction EMC: class A product, see manufacturer's declaration in the download area
Dimensions
Height 45 mm

Width 17.7 mm
Depth 52 mm
Horizontal pitch 1 Div.
Complete module height 90 mm
Complete module width 17.7 mm
Complete module depth 65.5 mm
Ambient conditions
Ambient temperature (operation) -40 °C ... 85 °C
Degree of protection IP20
General
Housing material PA 6.6
Flammability rating according to UL 94 V-0
Color black
Standards for cearances and creepage distances VDE 0110-1
IEC 60664-1
Mounting type on base element
Type Male
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 12 V DC
Maximum continuous voltage UC 13 V DC
9 V AC
Rated current 450 mA (45°C)
Operating effective current ICat UC <= 5 µA
Residual current IPE <= 2 µA (Directly grounded)
<= 1 µA (with PT 1X2+F-BE)
Nominal discharge current In(8/20) µs (line-line) 10 kA
Nominal discharge current In(8/20) µs (line-earth) 10 kA
Pulse discharge current Iimp(10/350) µs 2.5 kA
Total discharge current Itotal(8/20) µs 20 kA
Max. discharge current Imax(8/20) µs maximum (line-line) 10 kA
Max. discharge....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT 1X2-12DC/FM-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.