

**INDUSTRIAL COMPONENT DATA**

# F-MS 80 ST 2921307 PHOENIX CONTACT Type 2 surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: F-MS 80 ST



|                 |                                                                   |
|-----------------|-------------------------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                                   |
| MPN / Reference | F-MS 80 ST                                                        |
| Catalog number  | 2921307                                                           |
| Category        | Accessories/spare parts for surge protection power supply systems |
| Minimum order   | 10 Pcs                                                            |
| Document ID     | EO-B4BF45BB06                                                     |
| Generated       | 2026-08-01                                                        |

## Product Overview

Type 2 surge protection plug  
 Protec. plug. type 2 surge arrester, with N-PE sum current arc arrester.

**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 2921307  
 Packing unit 10 pc  
 Minimum order quantity 10 pc  
 Note Made to Order (non-returnable)  
 Catalog page Page 49 (C-6-2015)  
 GTIN 4046356290838  
 Weight per Piece (excluding packing) 77.750 g  
 Custom tariff number 85363030  
 Country of origin DE (Germany)  
 Dimensions  
 Height 47 mm  
 Width 17.7 mm  
 Depth 67.3 mm

Horizontal pitch 1 Div.

Ambient conditions

Degree of protection IP20

IP20

Ambient temperature (operation) -40 °C ... 80 °C

Ambient temperature (storage/transport) -40 °C ... 80 °C

Altitude  $\leq$  2000 m (amsl (above mean sea level))

Permissible humidity (operation) 5 % ... 95 %

Shock (operation) 30g (Half-sine / 11 ms /  $3x \pm X, \pm Y, \pm Z$ )

Vibration (operation) 7.5g (10 ... 500 Hz / 2.5 h / X, Y, Z)

General

IEC test classification II

T2

EN type T2

IEC power supply system TT

TN-S

Mode of protection N-PE

Mounting type on base element

Color jet black RAL 9005

Housing material PA 6.6

PBT

Degree of pollution 2

Flammability rating according to UL 94 V-0

Type Male

Surge protection fault message optical

Protective circuit

Nominal voltage UN 240/415 V AC (TN-S)

240/415 V AC (TT)

Nominal frequency fN 50 Hz (60 Hz)

Maximum continuous voltage UC 264 V AC

Residual current IPE  $\leq$  5  $\mu$ A

Standby power consumption PC  $\leq$  1.3 mVA

Nominal discharge current  $I_n(8/20)$   $\mu$ s 40 kA

Maximum discharge current  $I_{max}(8/20)$   $\mu$ s 80 kA

Impulse discharge current (10/350)  $\mu$ s, charge 5 As

Impulse discharge current (10/350)  $\mu$ s, specific energy 25 kJ/?

Impulse discharge current (10/350)  $\mu$ s, peak value li...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / F-MS 80 ST with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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