

INDUSTRIAL COMPONENT DATA

F-MS 12 ST 2817990 PHOENIX CONTACT Type 2 surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: F-MS 12 ST



Manufacturer	PHOENIX CONTACT
MPN / Reference	F-MS 12 ST
Catalog number	2817990
Category	Accessories/spare parts for surge protection power supply systems
Minimum order	1 Pcs
Document ID	EO-BF19F30B56
Generated	2026-08-01

Product Overview

Type 2 surge protection plug

Plug-in protection against type 2 surges, with N-PE sum current arc arrester, for base element.

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 2817990

Packing unit 10 pc

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GTIN 4017918163648

Weight per Piece (excluding packing) 35.560 g

Custom tariff number 85363010

Country of origin DE (Germany)

Dimensions

Height 52.4 mm

Width 17.5 mm

Depth 55.3 mm

Horizontal pitch 1 Div.

Ambient conditions

Degree of protection 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) 25g (Half-sine / 11 ms / $3x \pm X, \pm Y, \pm Z$)

Vibration (operation) 5g (10 ... 500 Hz / 2.5 h / X, Y, Z)

General

IEC test classification II

T2

EN type T2

IEC power supply system TN

TT

Mode of protection N-PE

Mounting type on base element

Color jet black RAL 9005

Housing material PA 6.6

Degree of pollution 2

Flammability rating according to UL 94 V-0

Type Male

Number of positions 1

Arrester can be tested with CHECKMASTER from software version: From SW rev. 1.10

Surge protection fault message optical

Protective circuit

Nominal voltage UN 240/415 V AC (TN - only N-PE)

240/415 V AC (TT - only N-PE)

Nominal frequency fN 50 Hz (60 Hz)

Maximum continuous voltage UC 260 V AC

Residual current IPE $\leq$ 5 μ A

Standby power consumption PC $\leq$ 1.5 mVA

Nominal discharge current $I_n(8/20)$ μ s 20 kA

Maximum discharge current $I_{max}(8/20)$ μ s 40 kA

Follow current interrupt rating I_{fi} 100 A (260 V)

Voltage protection level $U_p \leq$ 1.5 kV

Residual voltage $U_{res} \leq$ 0.4 kV...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / F-MS 12 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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