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-543ED69DF3
Generated	2026-11-18

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
Catalog page Page 63 (C-4-2017)
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 <= 2000 m (amsl (above mean sea level))
Permissible humidity (operation) 5 % ... 95 %
Shock (operation) 25g (Half-sine / 11 ms / 3x ±X, ±Y, ±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 <= 5 µA
Standby power consumption PC <= 1.5 mVA
Nominal discharge current In(8/20) µs 20 kA
Maximum discharge current Imax(8/20) µs 40 kA
Follow current interrupt rating Ifi 100 A (260 V)
Voltage protection level Up <= 1.5 kV
Residual voltage Ures <= 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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