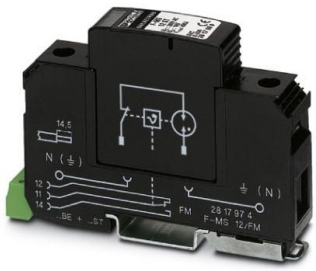
INDUSTRIAL COMPONENT DATA

F-MS 12/FM 2817974 PHOENIX CONTACT Type 2 surge arrester

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	F-MS 12/FM
Catalog number	2817974
Category	Surge protection device for power supply systems
Minimum order	1 Pcs
Document ID	EO-53E226A6B4
Generated	2026-11-18

Product Overview

Type 2 surge arrester
Type 2 surge arrester, consisting of base element with remote indication (FM) contact and plug-in protection with N-PE sum current arc arrester, for mounting on NS 35/7.5, housing width: 17.5 mm (1 pc)

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 2817974
Packing unit 1 pc
Catalog page Page 55 (C-4-2017)
GTIN 4017918163655
Weight per Piece (excluding packing) 115.230 g
Custom tariff number 85363010
Country of origin DE (Germany)
Dimensions
Height 96.8 mm
Width 17.6 mm
Depth 65.7 mm (incl. DIN rail 7.5 mm)
Horizontal pitch 1 Div.

Ambient conditions
Degree of protection IP20 (only when all terminal points are used)
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 DIN rail: 35 mm
Color jet black RAL 9005
Housing material PA 6.6
PBT
Degree of pollution 2
Flammability rating according to UL 94 V-0
Type DIN rail module, two-section, divisible
Number of positions 1
Surge protection fault message Optical, remote indicator contact
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
Rated load current IL 80 A
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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / F-MS 12/FM with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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.