INDUSTRIAL COMPONENT DATA

SFP 1-20/230AC 2859987 PHOENIX CONTACT EMC filter surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: SFP 1-20/230AC



Manufacturer	PHOENIX CONTACT
MPN / Reference	SFP 1-20/230AC
Catalog number	2859987
Category	Surge protection device for terminal equipment
Minimum order	1 Pcs
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Product Overview

EMC filter surge protection device
Device protection, according to type 3/class III, with mains parasitic filter against high-frequency edging voltages, for single-phase power supply networks with separate N and PE (3-conductor system: L1, N, PE), with remote indication contact.

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 2859987
Packing unit 1 pc
Catalog page Page 184 (C-4-2017)
GTIN 4046356098175
Weight per Piece (excluding packing) 616.000 g
Custom tariff number 85363010
Country of origin DE (Germany)
Dimensions
Height 86.6 mm
Width 112 mm
Depth 79 mm

Ambient conditions
Degree of protection IP20
Ambient temperature (operation) -25 °C ... 70 °C
Ambient temperature (storage/transport) -25 °C ... 70 °C
Permissible humidity (operation) 5 % ... 95 %
General
EN type T3
Number of ports Two
Mode of protection L-N
L-PE
N-PE
Mounting type DIN rail: 35 mm
Color black
silver
Housing material Aluminum
Degree of pollution 2
Flammability rating according to UL 94 V-0
Type DIN rail module, one-piece
Number of positions 2
Surge protection fault message Optical, remote indicator contact
For country-specific use in D, A, I, NL, S, E, FIN, P
Protective circuit
Nominal voltage UN 240 V AC (TN)
240 V AC (TT - only in use with RCD)
240 V AC (IT - only in use with RCD)
Nominal frequency fN 50 Hz (60 Hz)
Maximum continuous voltage UC 264 V AC
Rated load current IL 20 A (40 °C)
Residual current IPE <= 0.6 mA
Nominal discharge current In(8/20) µs 5 kA
Standby power consumption PC <= 25 VA (at UREF)
<= 27.5 VA (at UC)
Reference test voltage UREF 264 V AC
Combination wave UOC 10 kV (5 kA)
Voltage protection level Up <= 1 kV
TOV behavior at UT(L-N) 350 V AC (5 s / withstand mode)
457 V AC (120 min / safe failure mode)
TOV behavior at UT(L-PE) 457 V AC (5 s / withstand mode)
350 V AC (120 min /....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SFP 1-20/230AC 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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