INDUSTRIAL COMPONENT DATA

NEF 1- 3 2794110 PHOENIX CONTACT EMC filter

Brand: PHOENIX CONTACT | Manufacturer Part Number: NEF 1-3



Manufacturer	PHOENIX CONTACT
MPN / Reference	NEF 1-3
Catalog number	2794110
Category	Surge protection device for terminal equipment
Minimum order	1 Pcs
Document ID	EO-001BD1C878
Generated	2026-11-18

Product Overview

EMC filter
Pest filter with universal foot for mounting on NS 32 and NS 35/7.5, nominal current: 3 A

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 2794110
Packing unit 10 pc
Catalog page Page 187 (C-4-2017)
GTIN 4017918072803
Weight per Piece (excluding packing) 85.120 g
Custom tariff number 85363010
Country of origin DE (Germany)
Dimensions
Height 79.4 mm
Width 25 mm
Depth 84.15 mm
Ambient conditions
Ambient temperature (operation) -25 °C ... 100 °C (HMF)
Degree of protection IP20

General
Housing material PA
Flammability rating according to UL 94 V-2
Color black
Standards for cearances and creepage distances IEC 60664-1
VDE 0110-1
Mounting type DIN rail: 35 mm
Type DIN rail module, one-piece
Number of positions 2
Direction of action 1L-N & N-PE
Protective circuit
Maximum continuous voltage UC 264 V AC (L-N)
264 V AC (L-PE)
Nominal frequency fN 50 Hz (60 Hz)
Rated current 3 A (40 °C)
Operating effective current ICat UC <= 0.25 mA
Residual current IPE <= 0.5 mA
Input attenuation aE, sym. > 55 dB (50 ? / 1 MHz)
Input attenuation aE, asym. > 35 dB (50 ? / 1 MHz)
Capacity 2x 100 nF (X2)
2x 2.2 nF (Y2)
Inductivity in series 2x 2.7 mH (with current compensation)
Max. required back-up fuse 3 A (gL)
Connection data
Connection method Screw connection
Connection method IN Screw terminal blocks
Connection method OUT Screw terminal blocks
Screw thread M3
Tightening torque 0.8 Nm
Stripping length 8 mm
Conductor cross section flexible 0.2 mm² ... 2.5 mm²
Conductor cross section solid 0.2 mm² ... 4 mm²
Conductor cross section AWG 24 ... 12
Standards and Regulations
Standards/specifications IEC 60939-2
EN 60...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NEF 1-3 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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