

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-CAF371A043
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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)
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Additional Product Information

Key Commercial Data

Orderkey 2794110

Packing unit 10 pc

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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 clearances 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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