

NEF 1- 1

Order No.: 2794123

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Mains interference filter, with universal foot for mounting on NS 32 and NS 35/7.5, nominal current: 1 A

Commercial data

GTIN (EAN)	4017918072810
sales group	J050
Pack	10 pcs.
Customs tariff	85363010
Weight/Piece	0.09516 KG
Catalog page information	Page 54 (TT-2009)

Product notes

WEEE/RoHS-compliant since:
08/30/2006



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Technical data**Standards**

Housing material	PA
Inflammability class acc. to UL 94	V2
Color	black

Standards for air and creepage distances	IEC 60664-1: 1992-10
	VDE 0110-1
Degree of protection	IP20
Design	Rail-mountable module, one-piece
Mounting type	DIN rail/G-profile rail
Ambient temperature (operation)	-25 °C ... 100 °C (HMF)
Direction of action	1L-N & N-PE
Width	24.25 mm
Height	85.50 mm
Length	79.40 mm

Protective circuit

Nominal voltage U_N	240 V AC
Max. operating voltage U_{max}	264 V AC
Arrester rated voltage U_C (L-N)	264 V AC
Arrester rated voltage U_C (L-PE)	264 V AC
Nominal frequency f_N	50 Hz
	60 Hz
Nominal current I_N	1 A ($\leq 40^\circ\text{C}$)
Operating effective current I_C at U_C	≤ 0.25 mA
Discharge current to PE at U_C	≤ 0.5 mA
Inductivity in series	2x 10 mH (in acc. with VDE 0565-2 with current compensation)
Capacity (L-N)	2x 100 nF (X2)
Capacity (L-PE)	2x 2.2 nF (Y2)
Max. required back-up fuse	1 A (gL)
Input attenuation aE, sym.	≥ 65 dB (50 Ω / 1 MHz)
Input attenuation aE, asym.	≥ 45 dB (50 Ω / 1 MHz)

Non-heating apparatus connection, power supply

Type of connection	Screw connection
Connection type IN	Screw terminal blocks
Connection type OUT	Screw terminal blocks
Screw thread	M3
Tightening torque	0.8 Nm
Stripping length	8 mm
Conductor cross section stranded min.	0.2 mm ²

Conductor cross section stranded max.	2.5 mm ²
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12

Connection, protective circuit

Standards/regulations	IEC 60939-2
	DIN EN 60939-2

Protective circuit, filter

Discharge resistor	1 MΩ
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Certificates / Approvals

Certification

GOST, UL, VDE-PZI

UL

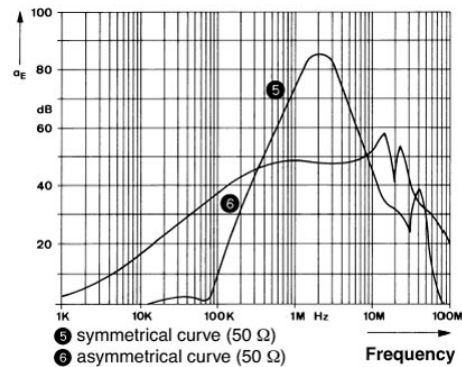
Nominal voltage U _N	250 V
Nominal current I _N	1 A
AWG/kcmil	22-12

VDE

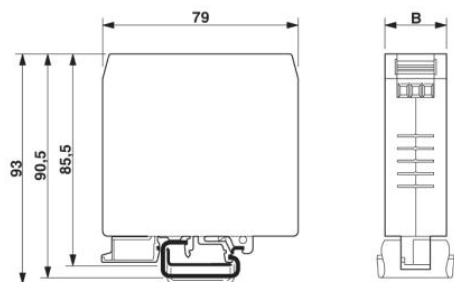
Nominal voltage U _N	250 V
Nominal current I _N	1 A

Diagrams/Drawings

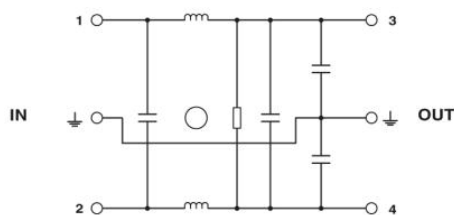
Diagram



Dimensioned drawing



Circuit diagram



Address

PHOENIX CONTACT Inc., USA
586 Fulling Mill Road
Middletown, PA 17057, USA
Phone (800) 888-7388
Fax (717) 944-1625
<http://www.phoenixcon.com>



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