



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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EMC filter - NEF 1-10 - 2788977

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Mains interference filter, with universal foot for mounting on NS 32 and NS 35/7.5, nominal current: 10 A

Why buy this product

- DIN rail module
- For single-phase circuits



Key commercial data

Packing unit	1
Minimum order quantity	5
Catalog page	Page 233 (TT-2011)
GTIN	 4 017918 072001
Custom tariff number	85363010
Country of origin	GERMANY

Technical data

Standards

Housing material	PA
Inflammability class according to UL 94	V2
Color	black
Standards for air and creepage distances	IEC 60664-1
Standards for air and creepage distances	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	40 mm
Height	79.4 mm
Depth	84.1 mm

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Technical data

Protective circuit

Nominal voltage UN	240 V AC
Max. operating voltage Umax	264 V AC
Arrester rated voltage UC (L-N)	264 V AC
Arrester rated voltage UC (L-PE)	264 V AC
Nominal frequency fN	50 Hz
Nominal frequency fN	60 Hz
Nominal current IN	10 A (40°C)
Operating effective current IC at UC	≤ 0.25 mA
Ground conductor current IPE	≤ 0.5 mA
Inductivity in series	2x 1.8 mH (in acc. with VDE 0565-2 with current compensation)
Capacity (L-N)	2x 470 nF (X2)
Capacity (L-PE)	2x 2.2 nF (Y2)
Max. required back-up fuse	10 A (gL)
Input attenuation aE, sym.	> 80 dB (50 Ω/ 1 MHz)
Input attenuation aE, asym.	> 40 dB (50 Ω/ 1 MHz)

Non-heating apparatus connection, power supply

Connection method	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
Standards/regulations	DIN EN 60939-2

Protective circuit, filter

Discharge resistor	1 MΩ
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Classifications

eclass

eCl@ss 4.0	27140201
eCl@ss 4.1	27130801
eCl@ss 5.0	27130801
eCl@ss 5.1	27130801

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Classifications

eclass

eCl@ss 6.0	27130806
eCl@ss 7.0	27130806

etim

ETIM 2.0	EC000942
ETIM 3.0	EC000942
ETIM 4.0	EC000942
ETIM 5.0	EC000942

unspsc

UNSPSC 6.01	30212010
UNSPSC 7.0901	39121610
UNSPSC 11	39121610
UNSPSC 12.01	39121610
UNSPSC 13.2	39121620

Approvals

Approvals

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UL Recognized / VDE approval of drawings / GOST

Ex Approvals

Approvals submitted

Approval details

UL Recognized

VDE approval of drawings	
mm ² /AWG/kcmil	2.5
Nominal current I _N	10 A
Nominal voltage U _N	250 V

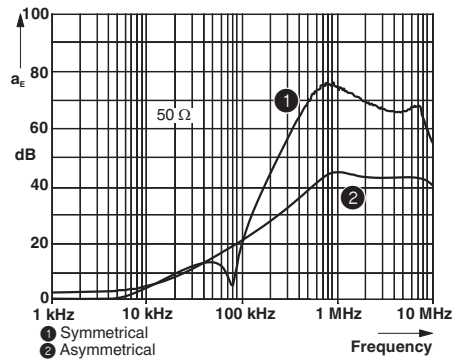
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Approvals

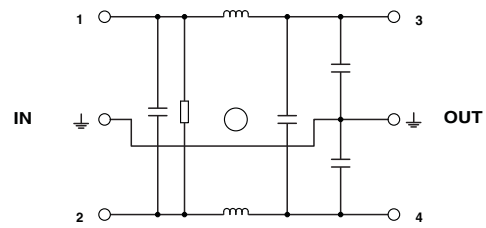


Drawings

Diagram



Circuit diagram



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Dimensioned drawing

