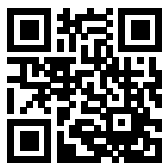


## Performance EMC/RFI Filter

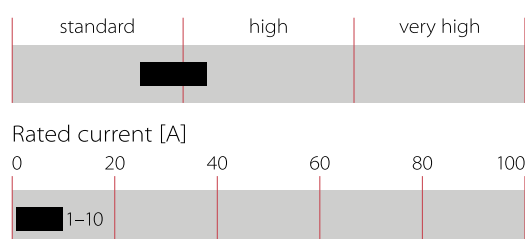


- Rated currents from 1 to 10 A
- Compact housing
- Optional overvoltage protection (Z type)



## Performance indicators

### Attenuation performance



## Technical Specifications

Maximum continuous operating voltage	250 VAC, 50/60 Hz
Nominal operating voltage	230 VAC
Rated currents	1 to 10 A @ 40°C
Operating frequency	DC to 400 Hz
High potential test voltage	P → PE 2000 VAC for 2 sec P → N 760 VAC for 2 sec P → N 250 VAC for 2 sec (Z types)
Surge pulse protection (Z type)	2 kV, IEC 61000-4-5
Temperature range (operation and storage)	-25°C to +100°C (25/100/21)
Flammability corresponding to	UL 94 V-0
Design corresponding to	UL 1283 (not for Z Version), CSA 22.2 No. 8 1986, IEC/EN 60939
MTBF (Mil-HB-217F)	>710,000 h @ 40°C/230 V

## Approvals & Compliances



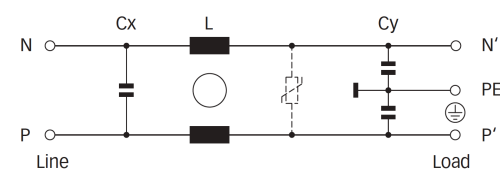
## Features and Benefits

- FN 332 filters are designed for easy and fast chassis mounting
- FN 332 filters are also available with integrated surge pulse protection to safeguard sensitive electrical equipment
- All FN 332 single-phase filters provide a good attenuation performance, based on chokes with high saturation resistance and excellent thermal behavior
- Chokes with high saturation resistance and high inductivity
- Surge pulse protection
- Custom-specific versions on request


## Typical Applications

- Electrical and electronic equipment
- Consumer goods
- Household equipment
- Power supplies
- Office automation equipment
- Datacom equipment
- Industrial equipment auxiliary supply

### Typical electrical schematic



Filter Selection Table

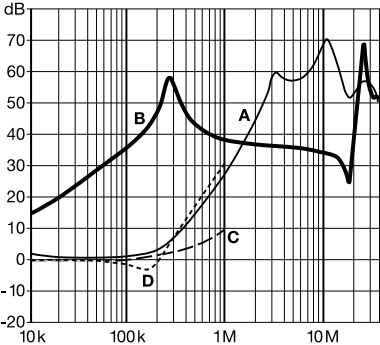
Filter	Rated current @ 40°C (25°C)	Leakage current* @ 230 VAC/50 Hz	Inductance L	Capacitance		Surge current	Energy absorption	Input/Output connections	Weight
				Cx	Cy				
	[A]	[µA]	[mH]	[nF]	[nF]	[A]	[J]		[g]
FN 332-1-05	1 (1.2)	340	10	15	2.2			-05	65
FN 332-3-05	3 (3.6)	340	2	15	2.2			-05	65
FN 332-6-05	6 (7.3)	340	0.8	15	2.2			-05	65
FN 332-10 A-05	10 (12)	340	0.5	15	2.2			-05	70
FN 332 Z-1-05	1 (1.2)	340	10	15	2.2	1200	26	-05	65
FN 332 Z-3-05	3 (3.6)	340	2	15	2.2	1200	26	-05	65
FN 332 Z-6-05	6 (7.3)	340	0.8	15	2.2	1200	26	-05	65
FN 332 Z-10-05	10 (12)	340	0.5	15	2.2	1200	26	-05	70

\* Maximum leakage under normal operating conditions. Note: if the neutral line is interrupted, worst case leakage could reach twice this level.

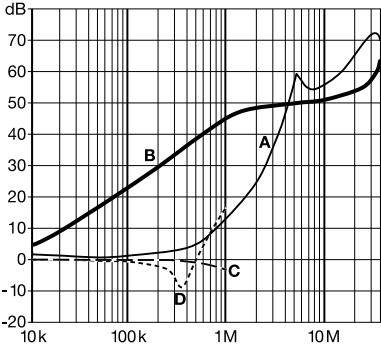
Typical Filter Attenuation

Per CISPR 17; A=50 Ω/50 Ω sym; B=50 Ω/50 Ω asym; C=0.1 Ω/100 Ω sym; D=100 Ω/0.1 Ω sym

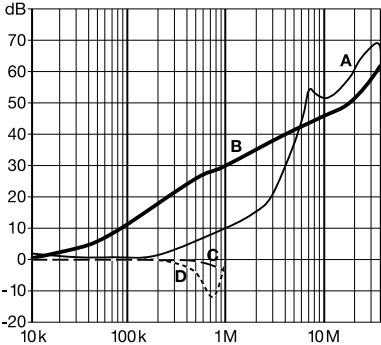
1 A types



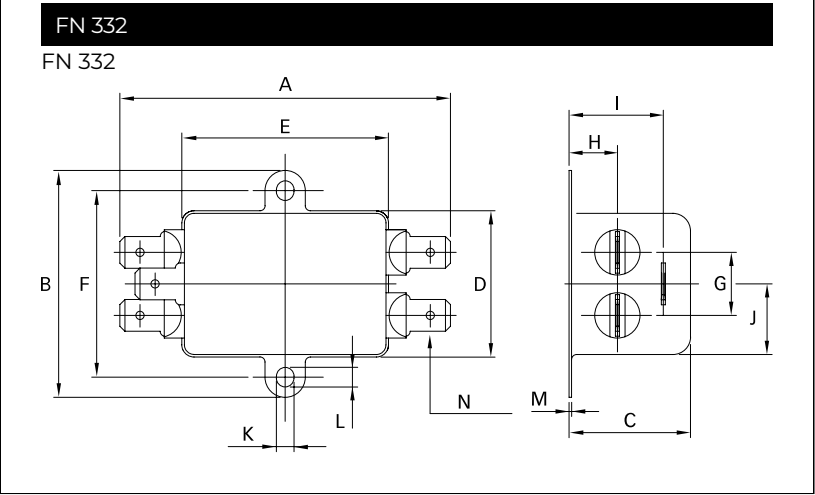
3 and 6 A types



10 A types



Mechanical Data



Dimensions

	1 to 10 A types	Tolerances
A	65.6	±0.5
B	45	±0.5
C	24.8	±0.5
D	28	±0.5
E	40	±0.5
F	37	±0.4
G	12.5	±0.2
H	9.6	±0.2
I	18.7	±0.5
J	14	±0.5
K	3.5	
L	3.9	
M	0.5	
N	6.3 x 0.8	

All dimensions in mm; 1 inch = 25.4 mm  
Tolerances according: ISO 2768-m/EN 22768-m

Please visit [www.schaffner.com](http://www.schaffner.com) to find more details on filter connectors

Headquarters, Global  
Innovation and  
Development

**Switzerland**  
**Schaffner Group**  
Industrie Nord  
Nordstrasse 5  
4542  
Luterbach  
+41 32 681 66 26  
[info@schaffner.com](mailto:info@schaffner.com)

To find your local partner within  
Schaffner's global network [schaffner.com](https://www.schaffner.com)

© 2025 Schaffner Group

The content of this document has been carefully checked and understood. However, neither Schaffner nor its subsidiaries assume any liability whatsoever for any errors or inaccuracies of this document and the consequences thereof. Published specifications are subject to change without notice. Product suitability for any area of application must ultimately be determined by the customer. In all cases, products must never be operated outside their published specifications. Schaffner does not guarantee the availability of all published products. This disclaimer shall be governed by substantive Swiss law and resulting disputes shall be settled by the courts at the place of business of Schaffner Holding AG. Latest publications and a complete disclaimer can be downloaded from the Schaffner website. All trademarks recognized.

Sales and Application  
Centers

**Finland**  
**Schaffner Oy**  
Lohjanharjuntie 1109  
08500  
Lohja  
+ 358 50 468 72 84  
[finlandsales@schaffner.com](mailto:finlandsales@schaffner.com)

**France**  
**Schaffner EMC S.A.S.**  
16-20 Rue Louis Rameau  
95875  
Bezons  
+33 1 34 34 30 60  
[francesales@schaffner.com](mailto:francesales@schaffner.com)

**Germany**  
**Schaffner Deutschland GmbH**  
Ohiostr. 8  
76149  
Karlsruhe  
+49 721 56910  
[germanysales@schaffner.com](mailto:germanysales@schaffner.com)

**Italy**  
**Schaffner EMC S.r.l.**  
Via Ticino, 30  
20900  
Monza (MB)  
+39 335 120 44 32  
[italysales@schaffner.com](mailto:italysales@schaffner.com)

**Japan**  
**Schaffner EMC K.K.**  
ISM Sangenjaya 7F  
1-32-12 Kamiyama Setagaya-ku  
154-0011  
Tokyo  
+81 3 5712 3650  
[japansales@schaffner.com](mailto:japansales@schaffner.com)

**Singapore**  
**Schaffner EMC Pte Ltd.**  
Blk 3015A Ubi Road 1 #05-09 Kampong Ubi  
Industrial Estate  
408705  
Singapore  
+65 63773283  
[singaporesales@schaffner.com](mailto:singaporesales@schaffner.com)

**Sweden**  
**Schaffner EMC AB**  
Östermalmströg 1  
114 42  
Stockholm  
+46 8 5050 2425  
[swedensales@schaffner.com](mailto:swedensales@schaffner.com)

**Switzerland**  
**Schaffner EMV AG**  
Industrie Nord  
Nordstrasse 5  
4542  
Luterbach  
+41 32 681 66 26  
[switzerlandsales@schaffner.com](mailto:switzerlandsales@schaffner.com)

**India**  
**Schaffner India Pvt. Ltd**  
Regus World Trade Centre  
WTC 22nd Floor Unit No 2238 Brigade  
Gateway Campus 26/1 Dr. Rajkumar Road  
Malleshwaram (W)  
560055  
Bangalore  
+91 8067935355  
[indiasales@schaffner.com](mailto:indiasales@schaffner.com)

**United Kingdom**  
**Schaffner Ltd.**  
Suite 1 Oakmede Place  
Terrace Road  
RG42 4JF  
Binfield  
+44 118 9770070  
[schaffner.uksales@te.com](mailto:schaffner.uksales@te.com)

**United States**  
**Schaffner EMC Inc.**  
52 Mayfield Avenue  
Edison, New Jersey  
+1 732 225 9533  
[usasales@schaffner.com](mailto:usasales@schaffner.com)

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Schaffner:](#)

[FN332-3-05](#) [FN332-6-05](#) [FN332-10A-05](#) [FN332Z-3-05](#) [FN332Z-6-05](#) [FN332Z-10-05](#) [FN332-1-05](#)