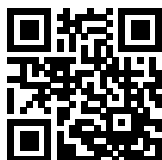


# Multi-stage EMI Filter



- Rated currents from 6 to 10 A
- Surge pulse protection up to 2 kV
- Solder or screw connection



### Performance indicators

Attenuation performance



Rated current [A]



### Approvals & Compliances



### Features and Benefits

- FN352Z series is developed to meet high filter attenuation requirements by using multi-stage filter design
- Additional high surge pulse voltage protection up to 2 kV is integrated to protect sensitive equipment
- Choosing FN352Z product line brings you the rapid availability of a standard filter associated with the necessary safety acceptances
- Standard filters are a practical solution helping you to pass EMI system approval in a short time
- Exceptional conducted attenuation performance, based on multi-stage design and chokes with high saturation resistance and excellent thermal behavior
- Various connection options
- Custom-specific versions on request

## Technical Specifications

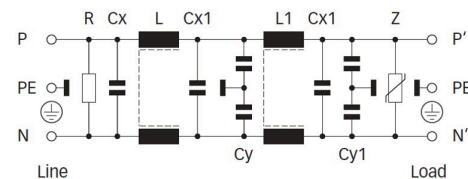
Maximum continuous operating voltage	250 VAC, 50/60 Hz
Operating frequency	DC to 400 Hz
Surge pulse protection	2 kV IEC 61000-4-5
Rated currents	6 to 10 A @ 40°C max.
High potential test voltage	P → PE 2000 VAC for 2 sec P → N 350 VDC for 2 sec
Energy absorption	40J
Temperature range (operation and storage)	-25°C to +85°C (25/85/21)
Flammability corresponding to	UL 94 V-2 or better
Design corresponding to	UL 1283, CSA 22.2 No. 8 1986, IEC/EN 60939

## Typical Applications

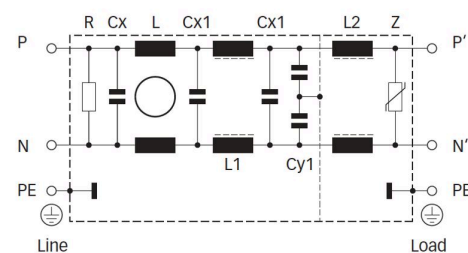
- Facility management
- Industrial
- Telecommunication
- Data processing
- Electrical and electronic equipment

### Typical electrical schematic

6 A types



10 A types







## Dimensions

	6 A	10 A	Tolerances
<b>A</b>	152	126	±0.5
<b>B</b>	51	172.3	±0.5
<b>C</b>	45	55.25	±0.5
<b>D</b>	133	100.5	±0.5
<b>E</b>		150.5	±0.5
<b>F</b>	143	112	±0.5
<b>G</b>	27		±0.5
<b>H</b>	9.5		±0.5
<b>I</b>	27		±0.5
<b>J</b>	12		±0.5
<b>K</b>	5.3	6.4	
<b>L</b>	7		
<b>M</b>	0.5		
<b>N</b>	6.3 x 0.8		
<b>Q</b>		85	±0.1

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

## Filter Input/Output Connector Cross Sections

	-06	-29
<b>Solid wire</b>	 n/a	 6 mm <sup>2</sup>
<b>Flex wire</b>	n/a	4 mm <sup>2</sup>
<b>AWG type wire</b>	n/a	AWG 10
<b>Recommended torque</b>	n/a	0.6-0.8 Nm

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

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