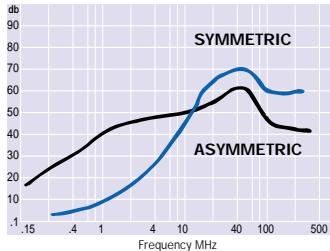
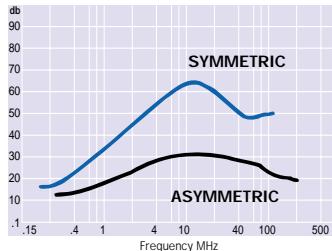


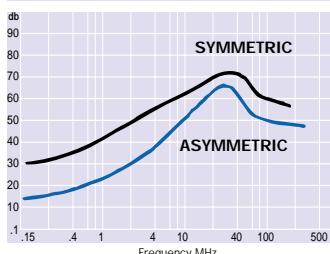
2 & 6 AMP STANDARD & SURGE PROT¹



2 & 6 AMP MEDICAL VERSION



2 & 6 AMP EARTH LINE CHOKE & EARTH LINE CHOKE SURGE PROTECTED



SF 2010 SF 2012	Rated Current A	Leakage Current @ 250V 50Hz	Inductance L1 mH	L2 µH	Connections Input	Output	Resistor Value MΩ	Number of Fuses	Approvals	UL	CSA	CE
Standard Version												
SF 2010-2/01	2	0.2mA	2.0		IEC 320	6.3 x 0.8 Faston	1	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
SF 2012-2/01	2	0.2mA	2.0		IEC 320	6.3 x 0.8 Faston	1	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
SF 2010-6/01	6	0.2mA	0.5		IEC 320	6.3 x 0.8 Faston	1	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
SF 2012-6/01	6	0.2mA	0.5		IEC 320	6.3 x 0.8 Faston	1	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Medical Version												
SF 2010M-2/01	2	5µA	2.0		IEC 320	6.3 x 0.8 Faston	1	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
SF 2012M-2/01	2	5µA	2.0		IEC 320	6.3 x 0.8 Faston	1	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
SF 2010M-6/01	6	5µA	0.5		IEC 320	6.3 x 0.8 Faston	1	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
SF 2012M-6/01	6	5µA	0.5		IEC 320	6.3 x 0.8 Faston	1	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Surge Protected Version (IEC 950 not applicable)												
SF 2010Z-2/01	2	0.2mA	2.0		IEC 320	6.3 x 0.8 Faston	1	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
SF 2012Z-2/01	2	0.2mA	2.0		IEC 320	6.3 x 0.8 Faston	1	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
SF 2010Z-6/01	6	0.2mA	0.5		IEC 320	6.3 x 0.8 Faston	1	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
SF 2012Z-6/01	6	0.2mA	0.5		IEC 320	6.3 x 0.8 Faston	1	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Earth Line Choke Version												
SF 2010E-2/01	2	0.2mA	2.0	300	IEC 320	6.3 x 0.8 Faston	1	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
SF 2012E-2/01	2	0.2mA	2.0	300	IEC 320	6.3 x 0.8 Faston	1	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
SF 2010E-6/01	6	0.2mA	0.5	300	IEC 320	6.3 x 0.8 Faston	1	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
SF 2012E-6/01	6	0.2mA	0.5	300	IEC 320	6.3 x 0.8 Faston	1	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Earth Line Choke, Surge Protected (IEC 950 not applicable)												
SF 2010EZ-2/01	2	0.2mA	2.0	300	IEC 320	6.3 x 0.8 Faston	1	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
SF 2012EZ-2/01	2	0.2mA	2.0	300	IEC 320	6.3 x 0.8 Faston	1	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
SF 2010EZ-6/01	6	0.2mA	0.5	300	IEC 320	6.3 x 0.8 Faston	1	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
SF 2012EZ-6/01	6	0.2mA	0.5	300	IEC 320	6.3 x 0.8 Faston	1	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

Temperature Range: -25°C to +85°C

Operating Voltage: 250Vac

Operating Frequency: 0 to 400Hz

Test Voltage: L+N to ground, 2700Vdc,
2 seconds

Varistor

Zinc oxide type; energy absorption 21 Joules (current impulse defined in IEC 60-2 Section 6). Varistor voltage: 430Vdc(measured at 1mA); clamping voltage 710V at 10A

Approved

Submitted for Approval

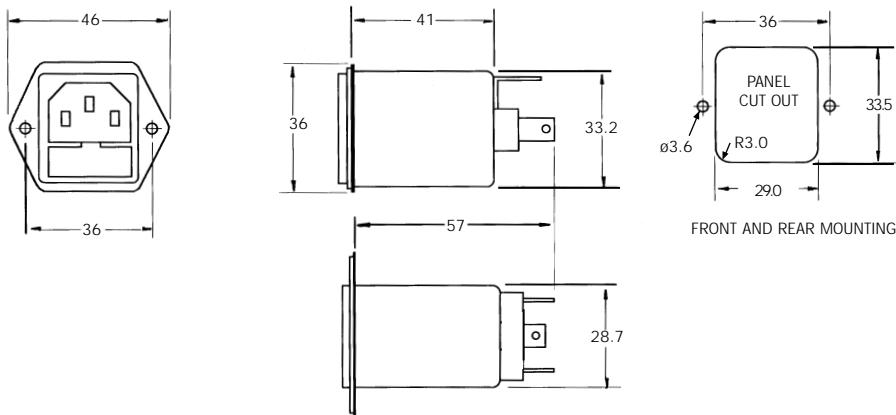
IEC 950 (EN 60950) Applications
Twin fused version only

Continued on next page

Continued from previous page

DIMENSIONS

All dimensions are nominal and in mm

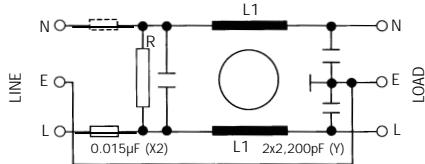


CIRCUIT DIAGRAMS

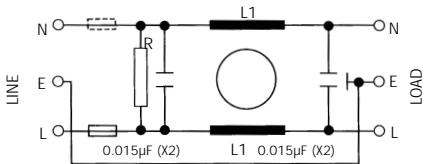
SF 2010 = 1 Fuse 5 x 20mm

SF 2012 = 2 Fuses 5 x 20mm

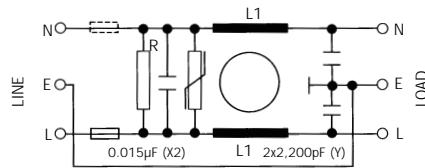
Standard Version



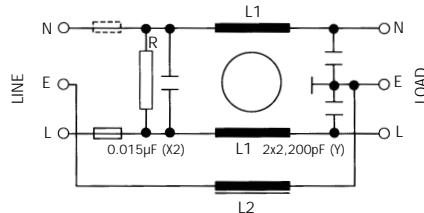
Medical Version (Suffix 'M')



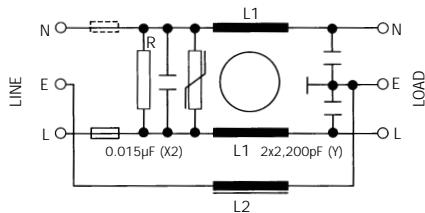
Surge Protected Version (Suffix 'Z')



Earth Line Version (Suffix 'E')



Earth Line Choke, Surge Protected Version (Suffix 'EZ')



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[L1896A/RED](#) [L1904A/5A/FP](#) [L1904A/5/FP](#)