

Power Line Filter



- In-line series protection
- 20kA 8/20 surge rating – robust surge protection rating
- Three modes of protection – L-N, L-PE & N-PE
- LED life status indication
- Mounting flange – can be wall mounted
- Telephone protection and international receptacle options available

PLFs are used to provide the final stage of surge protection to electrical and electronic equipment that connects via AC power plug. The effectiveness of this simple-to-install protection is assured by the virtue of being installed close to the equipment to be protected.

AC equipment which also connects to telephone circuits such as fax machines or computer modems, have special protection requirements. The PLF combination protection provides effective equipotential bonding between the power and data services, which is often not achieved when separate modules are used.

Model	Model	Description
	PLF A 2	2 x Australian outlets
	PLF A 2 RJ	2 x Australian outlets and RJ11 phone
	PLF B 2	2 x British outlets
Nominal Voltage U_n	230V	
Distribution System	1Ph 2W+G	
Max. Cont. Operating Voltage U_c	275V	
Frequency	50/60Hz	
Max. Line Current @ U_n	10A	
Operating Current @ U_n	840mA	
Leakage Current @ U_n	<0.2mA	
Aggregate Surge Rating	80kA 8/20 μ s	
Max. Discharge Current I_{max}	20kA 8/20 μ s L-N 20kA 8/20 μ s L-PE 20kA 8/20 μ s N-PE PLF A 2 RJ Phone protection 20kA 8/20 μ s (L+L)-PE	
Protection Modes	All modes protected	
Voltage Protection Level U_p @ 500A 100kHz @ Cat B3, 3kA 8/20 μ s	50V <600V	
Filtering	-3dB @ 8kHz	
Status	LED indicator	
Dimensions	275 mm x 100 mm x 72 mm (10" x 3.9" x 2.8") approx. 320 mm x 100 mm x 72 mm (12.5" x 3.9" x 2.8") with phone protection	
Weight	1.5 kg (3.3 lb) approx.	
Enclosure	Aluminum	
Connection	Power Cord, 2 m (6')	
Mounting	Portable or wall mount	
Temperature	-25°C to +70°C (13°F to 158°F)	
Humidity	0% to 90%	
Warranty	5 years	
Approvals	Australian Power Authority approved	
Surge Rated to Meet	ANSI/IEEE C62.41.2 Cat A, B, C	

