

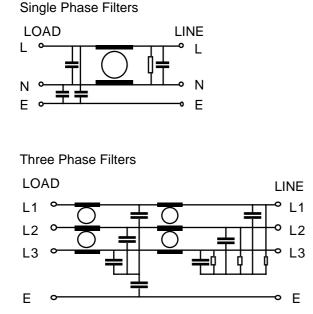
FP - 100 Series RFI Filters for L100 and SJ100 Series Inverters

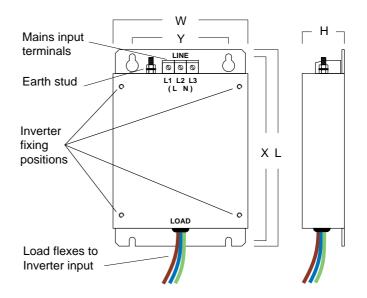
The FP-100 range of filters are designed especially for the Hitachi L100 and SJ100 Series inverter drives and help to ensure EMC compliance to EN 61800-3 of machinery and installations using the drives.

The drive is mounted on top of the filter using the integral fixing positions, the intention being that valuable space inside wiring cabinets may be saved.

CIRCUIT DIAGRAMS

DIMENSIONS

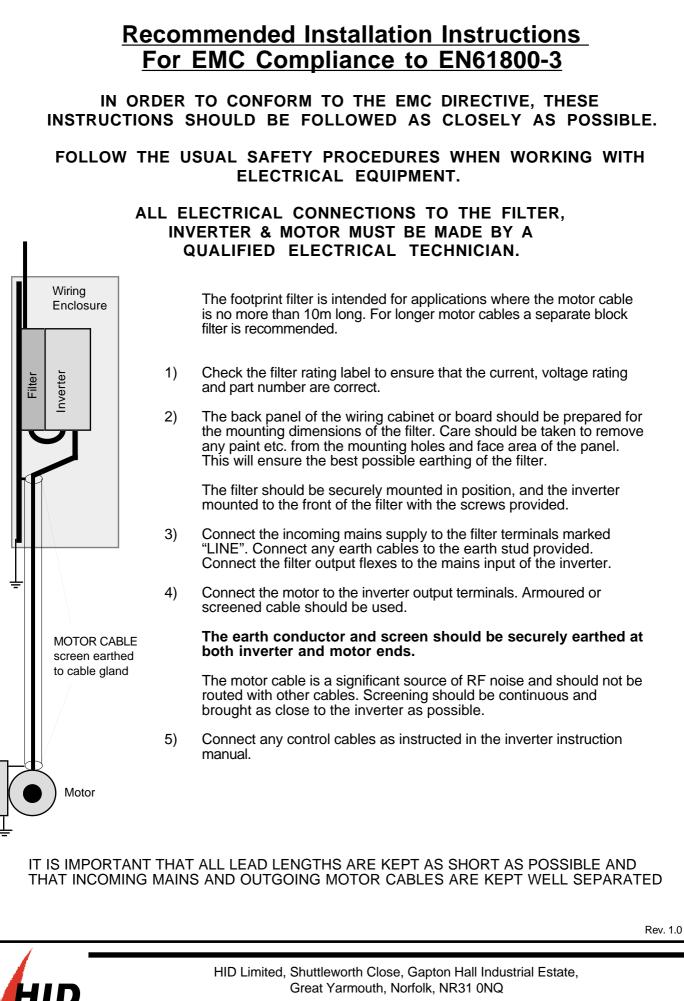




Applied L100 Inverter	Applied SJ100 Inverter	Filter Part No	Rated Current		Leakage current Nom / Max	external L x W x H (mm)	mount X x Y (mm)	Inverter Fixings
L100 002 NFE L100 004 NFE	SJ100 002 NFE SJ100 004 NFE SJ100 005 NFE	FP 1007 100	7A	1ph, 250vac	3.5mA -	156 x 83 x 30	146 x 60	2 x M4
L100 005 NFE L100 007 NFE	SJ100 007 NFE SJ100 011 NFE	FP 1012 100	12A		3.5mA -	166 x 114 x 30	156 x 80	4 x M4
L100 011 NFE L100 015 NFE L100 022 NFE	SJ100 015 NFE SJ100 022 NFE	FP 1024 100	24A		3.5mA -	220 x 146 x 35	210 x 100	4 x M5
L100 004 HFE L100 007 HFE L100 015 HFE	SJ100 004 HFE SJ100 007 HFE SJ100 015 HFE SJ100 022 HFE	FP 3007 100	7A		0.5mA 14mA	166 x 114 x 35	156 x 80	4 x M4
L100 022 HFE L100 030 HFE L100 040 HFE	SJ100 030 HFE SJ100 040 HFE	FP 3012 100	12A	3ph, 480vac	0.5mA 14mA	220 x 146 x 35	210 x 100	4 x M5
L100 055 HFE L100 075 HFE	SJ100 055 HFE SJ100 075 HFE	FP 3022 100	22A		0.5mA 38mA	305 x 186 x 50	289 x 140	4 x M6

Earth Leakage Measurements

Under normal conditions, with the three phases balanced, earth leakage currents are extremely small - the max values stated are worst possible values such as would occur momentarily during switch on or failure of one or two phases.



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