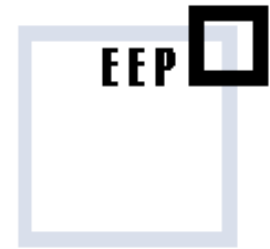


# Standard Power RF Filters



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European EMC Products Ltd

## STANDARD POWER FILTERS (RF Filters)

### Applications

From screened rooms to industrial power equipment, uncontrolled radio interference presents a common hazard. This range of filters is designed specifically to use on single and three phase mains, with all the advantages of using current compensating inductors.

Three phase filters are also suitable for three phase supplies without neutral. In such installations, the neutral terminal should be left unconnected.

### General Specification

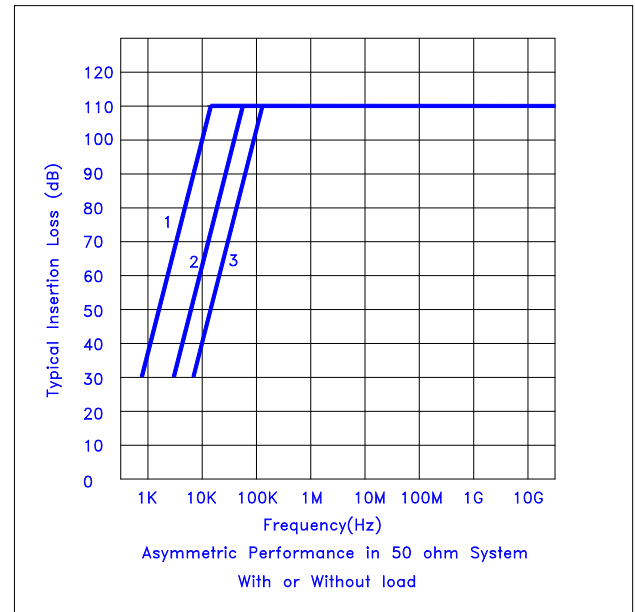
Rated Voltage  
 : Single Phase Filters : 250V a.c. 50/60Hz  
 : Three Phase Filters : 250/440V a.c. 50/60Hz  
 Rated Current & Insertion Loss : See graph and table  
 Maximum Temperature Rise on Full Load : 25<sup>0</sup> C

Operating Temperature Range on Full Load : -45<sup>0</sup> C to +50<sup>0</sup> C

### Transient Suppression

All types can be supplied with integral transient suppression fitted between each input terminal and earth.

### Range Available



Current (A)	Part Number	Perf. Curve	Volt Drop (mV)	Heat Output (W)	L mm	W mm	H mm	Weight Kgs
<b>Single Phase (+ N)</b>								
5 235	47	1	500	7	310	175	90	8
10 233	30	1	500	11	310	175	90	8
16 237	52	1	500	14	310	175	90	8
32 233	32	1	500	22	550	205	95	16
63 233	34	1	500	50	550	205	105	20
100 233	36	2	500	60	640	205	120	22
200 237	08	3	500	120	660	475	135	60
400 260	50	3	500	150	1250	475	150	110
<b>Three Phase (+N)</b>								
5 236	19	2	500	11	310	350	90	16
10 233	31	2	500	16	310	350	90	16
32 233	33	1	500	45	550	410	95	22
63 233	35	2	500	70	550	410	110	32
100 233	37	2	500	70	660	410	135	45
200 237	09	3	500	160	660	575	150	70
400 260	51	3	500	170	1250	575	150	120

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