

**RP370 Series**

**3Ph Delta Compact High Current EMI Filter**

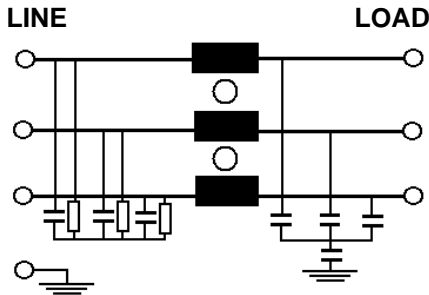
**RP370  
3PH DELTA WITH BUSBARS  
250A – 1000A  
INVERTER APPLICATIONS**

ROHS COMPLIANT

**Specifications**

Operating Frequency: DC - 60Hz  
 Operating Voltage: 480V +10%  
 Ambient Temperature: 50°C  
 Inrush Rating: 20x (10ms), 1.5x (1min)  
 Climatic Category: 25/100/21  
 Hipot Rating: 3500VDC (P/N - E)  
 Terminations: Cu BusBars  
 Applications: Inverters / Machinery / Industrial  
 Grid-tied Inverters, Solar Inverters

**Schematic  
LINE**



**Typical Insertion Loss. 50/50 ohm**

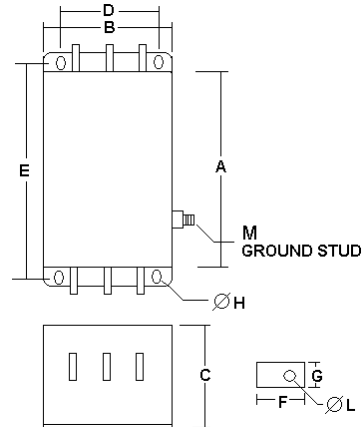
FREQ(MHz)	.15	.5	1	10	30
CM, dB	66	66	66	40	24
DM, dB	40	60	45	30	28

**Part Number / Ordering**

RP370	-X (Amps)	-Y (Ycap, nF)
	250	10
	400	22
	600	100
	800	470
	1000	1000
		2200
		4400

Note: Use any -Y (Ycap) with any -X (Amps) rating  
 e.g. RP370-600-100-S (600A & 100nF y-cap)

**Mechanicals**



Mounting Holes: 11mm, 4x

**Leakage Current**

Ycap, nF	mA, 480V/50HZ
10	.09
22	.2
100	0.9
470	4
1000	9
2200	22
4400	44

I	A	B	C	D	E	F	G	L	M
250	240	200	86	165	275	37	20	9	10
400	240	200	86	165	275	37	25	11	10
600	240	200	86	165	275	37	25	11	10
800	310	190	125	155	345	47	40	13.5	12
1000	310	190	125	155	345	47	40	13.5	12

Dimensions shown for reference only.  
 Specifications subject to change.

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