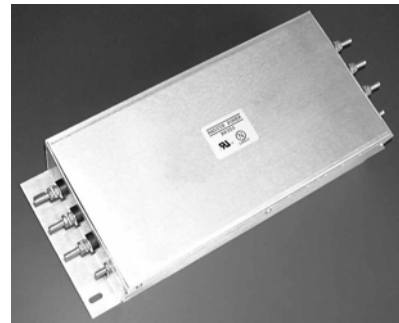


RP300 Series

3-Phase Delta 1-Stage Power Line Filter

**RP300
3PH DELTA TO 500A**

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: 25/50/55A (M5)
 65/100A (M6), 150/200A (M10)
 300A (M12), 500A (DUAL M12)
Safety Approval: UR/cUR/EN133200

Leakage Current

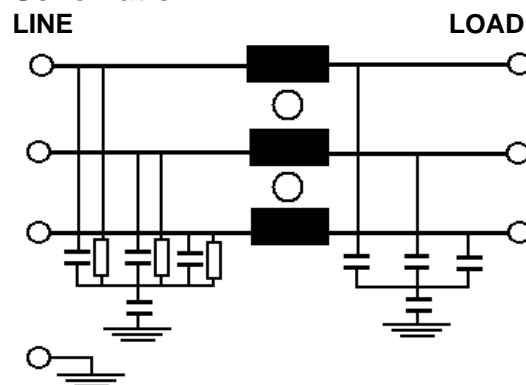
Ycap, nF	mA, 400V/50HZ
0	0
.22	.004
1	.018
2.2	.04
4.7	.09
10	.18
22	.4
100	1.8
1000	18
2200	30

Part Number / Ordering

RP300	-X (Amps)	-Y (Ycap, nF)	-T
	25	0	S
	50	.22	
	55	1	
	65	2.2	
	100	4.7	
	150	10	
	200	22	
	300	100	
	500	1000	
		2200	

Note: Use any -Y (Ycap) with any -X (Amps) rating
 e.g. RP300-500-2200-S
 500 Amps with 2200nF y-caps

Schematic



Dimensions shown for reference only.
 Specifications subject to change.

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 PH 714-289-0055
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RP300 Typical Insertion Loss, 50/50ohm

Mechanicals

25 AMP

FREQ(MHz)	.15	.5	1	10	30
CM, dB	75	75	75	60	50
DM, dB	60	75	75	68	50

50 AMP

FREQ(MHz)	.15	.5	1	10	30
CM, dB	65	75	70	55	50
DM, dB	50	75	75	75	65

55 / 65 AMP

FREQ(MHz)	.15	.5	1	10	30
CM, dB	55	70	70	65	45
DM, dB	65	75	75	75	50

100 AMP

FREQ(MHz)	.15	.5	1	10	30
CM, dB	70	75	75	60	50
DM, dB	50	75	75	60	55

150 AMP

FREQ(MHz)	.15	.5	1	10	30
CM, dB	50	70	60	48	40
DM, dB	50	75	70	45	45

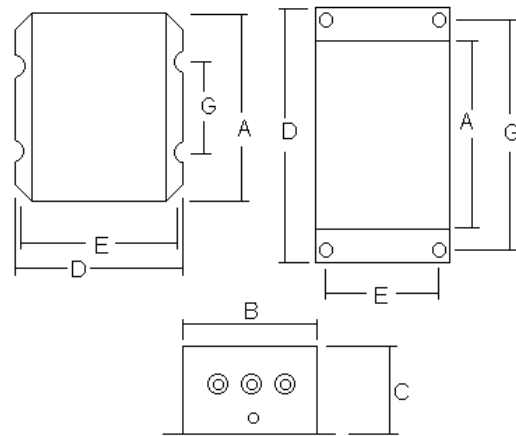
200 AMP

FREQ(MHz)	.15	.5	1	10	30
CM, dB	48	70	60	48	40
DM, dB	50	75	70	45	45

300 / 500 AMP

FREQ(MHz)	.15	.5	1	10	30
CM, dB	60	50	50	45	40
DM, dB	50	45	45	40	30

25/50A



I	A	B	C	D	E	G	MTG
25	7.87	4.7	2.5	5.9	5.35	4.53	.25x.3
50	7.87	4.7	3.2	5.9	5.35	4.53	.25x.3
55/65	6.25	4.25	2.25	7.75	3.5	7	.2x.4
100	13	6.6	3.5	15.75	5.12	14.7	.3x.6
150	10	6.6	4.5	12	5.12	11	.3x.6
200/300	13	6.6	4.5	15.75	5.12	14.7	.3x.6
500	15	9.6	4.5	17	8	16	.3x.6

Dimensions shown for reference only.
Specifications subject to change.

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