

RP405 Series

3-Phase WYE Single Stage Power Line Filters



6 A to 40 A

Operating Frequency	50/60 Hz
Usable Frequency	DC - 400 Hz
Max. Operating Voltage	480 V +10%
Ambient Temperature	-25 to 50°C
Climatic Category	25/100/21
Hipot Rating (L-G)	3500 VDC
Terminals (-T)	S: M5
Safety Approvals	CSA, UR, EN60939
Typ. Weight, lbs (kg)	2.5 (1.1)

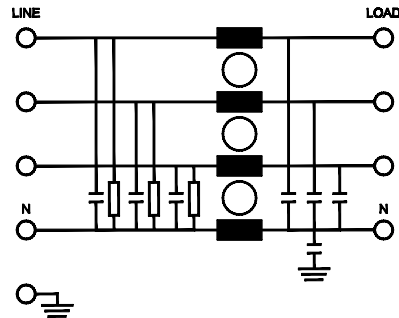
Part Number/Ordering

RP405	-X (Amps)	-Y (Ycap, nF)	-T
	6	0	S
	10	10	
	20	100	
	30	1000	
	40		

Note: Use any combination of -Y with any -X (Amps) rating e.g. RP405-40-1000-S (40 Amps with 1000 nF Ycap)

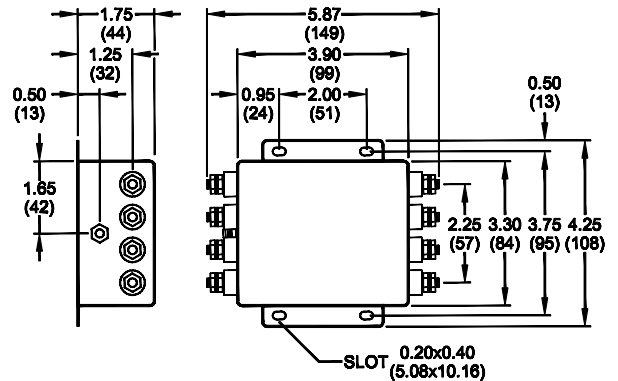
Typical Insertion Loss, dB (50/50 Ohm)

Freq (MHz)	0.15	0.5	1.0	10	30
6 Amp					
CM(dB)	67	70	70	55	50
DM(dB)	52	70	75	75	65
10 Amp					
CM(dB)	60	70	70	55	50
DM(dB)	48	70	75	75	65
20 Amp					
CM(dB)	58	62	65	50	50
DM(dB)	48	55	60	60	50
30 Amp					
CM(dB)	58	68	70	55	50
DM(dB)	46	65	70	70	65
40 Amp					
CM(dB)	57	65	70	55	50
DM(dB)	45	65	70	70	65



Mechanical Dimensions

TYPICAL TOLERANCE: +/-0.02" (0.50 mm)



Leakage Current

Y-cap, nF	mA, 480 V/60 Hz
0	0.0
10	0.1
100	1.0
1000	10.0

Specifications are subject to change. Consult factory to verify specifications.

For more information on our filter products call us at: +1.908.850.5088 or Toll Free at +1.866.641.3310

LCR, Radius Power, and Filter Concepts are now part of Astrodyne TDI

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