



230 Series
VOLT AMPLIFIER

MPA-230
80-260 VAC
45-65Hz

Amplifier Current Sizes

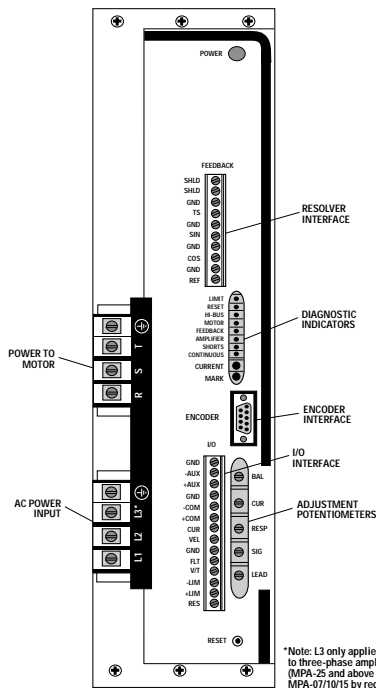
Model	Continuous Output Current	Peak Output Current*	PWM Frequency	1 ϕ Line Current**	3 ϕ Line Current**	Weight
MPA-05***	5 amps	10 amps	18KHz	10 amps	N/A	9.4 lbs.[4.3Kg]
MPA-07	7 amps	14 amps	18KHz	10 amps	N/A	10.2 lbs.[4.6Kg]
MPA-10	10 amps	20 amps	18KHz	12 amps	N/A	13.4 lbs.[6.0Kg]
MPA-15	15 amps	30 amps	18KHz	18 amps	N/A	14.8 lbs.[6.7Kg]
MPA-25	25 amps	50 amps	15KHz	30 amps	18 amps	20.6 lbs.[9.3Kg]
MPA-35	35 amps	70 amps	15KHz	42 amps	25 amps	24.0 lbs.[10.9Kg]
MPA-50	50 amps	100 amps	12KHz	60 amps	35 amps	29.4 lbs.[13.3Kg]
MPA-75	75 amps	120 amps	10KHz	N/A	55 amps	43.8 lbs.[19.9Kg]
MPA-100	100 amps	165 amps	10KHz	N/A	70 amps	43.8 lbs.[19.9Kg]

*Peak Current \geq 1 second.

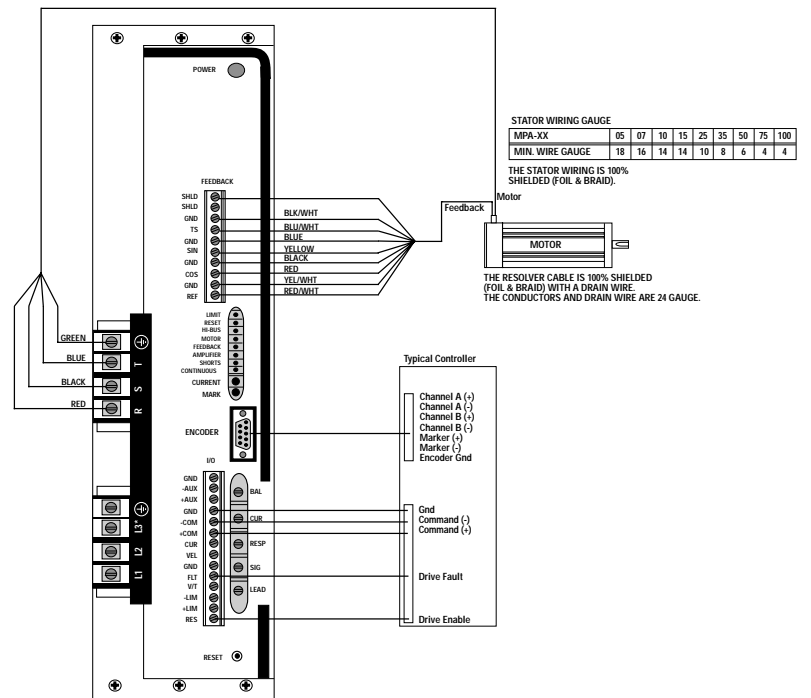
**Continuous Maximum Current

***DC Bus is 120 Vdc. Note: At 80 Vac input the Bus will be 90-100.

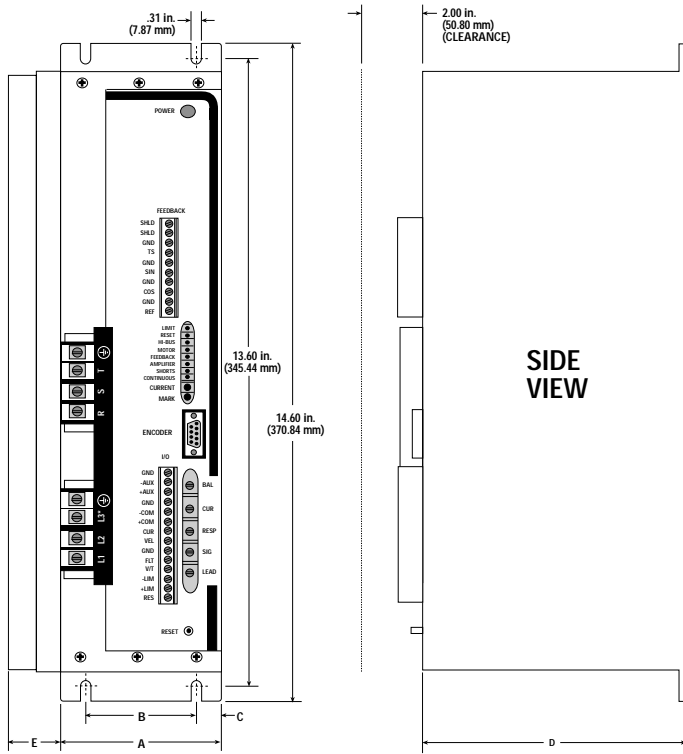
Wiring Diagram



Connection Diagram



Mechanical Footprints



Note: Dimensions are to be used for reference purposes only.

MPA-230 Amplifier Dimensions

Model	A in.[mm]	B in.[mm]	C in.[mm]	D in.[mm]	E in.[mm]
MPA-05/07	3.00[76.20]	2.00[50.80]	0.50[12.70]	10.13[257.30]	0.20[5.08]
MPA-10/15	5.00[127.00]	3.00[76.20]	1.00[25.40]	10.13[257.30]	0.20[5.08]
MPA-25	6.50[165.10]	4.50[114.30]	1.00[25.40]	10.63[270.00]	0.53[13.46]
MPA-35	8.50[215.90]	6.50[165.10]	1.00[25.40]	10.63[270.00]	0.53[13.46]
MPA-50	8.50[215.90]	6.50[165.10]	1.00[25.40]	10.63[270.00]	1.30[33.02]
MPA-75/100	8.50[215.90]	6.50[165.10]	1.00[25.40]	11.25[285.75]	3.00[76.20]