



Adjustments:

Accel Fwd, Accel Rev, Decel Fwd, Decel Rev
 Current Limit Fwd, Current Limit Rev,
 Braking Current Fwd, Braking Current Rev
 IR Comp
 Max Speed Arm, Max Speed Tach
 Speed Loop Damping

LED Indicators:

Bus Voltage Present (Red)
 Enable On (Red)
 Current Limit (Red)
 Regen Voltage Limit (Red)

Inputs:

Speed Reference (0 to +/-10V)
 Current Limit (4) for each quadrant (0 to +10V)
 Enable (Contact closure 12V, 10MA)
 Current Reference via pin header (0 to +/-7.5V)
 Tach Feedback (0 to +/-35V, 0 to +/-100V)

Outputs:

Armature Current (0 to +/-5V) (+/-5V = Cur Lim) (1k Series resistor)
 Reference Voltage (+10V @ 5 MA, -10V @ 5 MA)

External Pots:

Speed Pot: 10k (Bi-directional), 5k (Unidirectional)
 Current Limit: 100k

Options:

Electronic Dissipater for improved braking performance
 Additional resistors for braking option for large motors Etc.

Unique Features of this PWM Control:

2HP Few PWM drives go this high
 Voltage doubler feature
 Input signal isolation
 Reversing
 Four quadrant Accel/Decel
 Regenerative Braking
 Braking Option
 Tach Feedback
 Ease of application
 High performance
 Forgiving tach feedback feature
 Current inrush limiting

Operating Voltages		
Power Source (Single Phase)	Output VDC	
	Armature	Field
115V, 50 or 60 Hz	90	100
230V, 50 or 60 Hz	180	200