



Gemini Controls High Power PWM DC Drives

Gemini pulse width modulated (PWM) DC drives are designed to operate with brush-type PM DC motors. The evolution of Gemini's PWM drives has led to numerous advantages over SCR based and other PWM drives, including:

- State-of-the-art design
- Gemini's PWM drives produce less motor heat - which allows smaller, less expensive motors
- Smooth Operation - High speed switching and exclusive motor inductance compensation provides the fastest response to load and speed changes
- Audibly quiet - Operates at an inaudible 16KHz
- Tolerant of low voltage and short duration power outages
- PWM increases brush life, reducing maintenance
- Less line current consumption at low speeds



- 20 amps continuous duty for 90VDC motor, 15A for 120VDC motor
- 1.5HP rating (115VAC), 3HP with 230VAC
- 4 LED's provide status and diagnostic information
- Maximum drive and motor protection with: under and over voltage protection, over-temperature cutout, and fused outputs

12M04-00096
12M04-00097

115 VAC input 0-90VDC output 1 1/2 HP 15 Amps Chassis Mount
230 VAC input 0-180VDC output 3 HP 15 Amps Chassis Mount

PWM DC Drives Accessories



12M02-00022
12M02-000XX
12M03-00366

5k Speed Pot Assembly
10K Speed Pot Assembly
120/240 VAC Reversing board with isolation for PWM DC Drives

For more info on the above drives or to purchase please contact us:

Gary Dobberfuhr
Email: gary@geminicontrols.com
Phone: 1-262-377-8585
Fax: 1-262-377-4920
www.geminicontrols.com

Sherry Jones
Email: sj@geminicontrols.com
Phone: 1-262-377-8585
Fax: 1-262-377-4920
www.geminicontrols.com