

Programmable Stepper Motor Drive is Capable of 75 VDC Input



Haydon Kerk Motion Solutions has introduced the Haydon RoHS compliant PCM7539X IDEA programmable stepper motor drive capable of a 75 VDC input voltage and a max output current of 3.85 A rms. This unit is designed to control the larger-size stepper motor linear actuators offered by Haydon Kerk and has the same functionality and programmability as the lower- power IDEA drives. Programming the drive is through the use of on-screen buttons instead of complicated command sets or other proprietary programming languages. The software allows the system designer to easily troubleshoot programs that use line-by-line or multiple line program execution using the interactive debug feature. Inputs and outputs also can be simulated in software before ever connecting actual I/O hardware. Technical specifications for the PCM7539X include programmable current control, 12 VDC to 75VDC input voltage, drive current per phase of 3.85 A rms plus a 30 percent “current boost” function for use during ramping, eight digital I/O points, and memory for up to 75 stored motion control programs.

Haydon Kerk Motion Solutions

203-756-7441, www.haydonkerk.com [1]

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