

# PRESS RELEASE

## Real Intelligent Motion on your way : IDM240/640 Servo Drives

With Technosoft's new fully digital IDM240/640 Intelligent Servo Drives based on the latest DSP controller technology, you can save time and money, and get on the market fast.

These high-performance intelligent servo drives, combining motion controller, drive and PLC functionality in a single compact unit (136 x 85 x 26 mm), can control brushless motors (in sinusoidal or trapezoidal commutation), and DC brush motors up to 640W, over a wide speed range. The IDM240/640 provide high-level single- or multiple-axis control functions such as master-slave or standalone operation. Torque, speed or position controls are available using encoder or resolver feedback. They can drive up to 8 A continuous and 15 A peak currents, at a supply voltage ranging from 48 to 80 V<sub>DC</sub>.

Multiple-axis distributed motion control is ensured by the embedded CAN controller providing up to 1Mb/s of communication speed, or by the RS485 serial interface. In stand-alone operation, the IDM240/640 can be handled using programmable I/Os or analog inputs to control the servo drive function. The drives are programmable in the high-level Technosoft Motion Language (TML). They can execute locally stored TML sequences, or on-line TML commands, sent by a host through CAN, RS485 or RS232.

Powerful graphics tools will help you to easily set up, tune and program the motion sequences specific to your application, on the user-friendly Motion Studio software platform. With setup/tuning wizards, motion-definition and real-time data logging tools, you'll be amazed how fast you can get on your way with real intelligent motion.

Flexibility and easy implementation make the IDM240/640 an ideal solution to your need for modern motion axis control using the distributed intelligence architecture. Versions for other power ratings, or for stepper control, are also available.

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