

PRESS RELEASE

240W Motion Control package with embedded PLC functions

The new IPM240 intelligent servo drive from Technosoft offers increased control, reduced system building time and lower cost. Thanks to advanced digital control algorithms, precise control over a wide range of dynamic conditions can be achieved, such as position, speed or torque control of a variety of motors (DC and brushless).

The IPM240 offers also a range of integrated functions that eliminate the need for additional peripheral equipment, which make it ideal for industrial applications. Operating modes include master/slave operation in a distributed system or standalone operation with predefined motion sequences, combined with programmable I/O's or analogue inputs.

With convenient compact dimensions (136 x 84 x 26 mm) and current ratings of 5A continuous and 15A peak from a single 12-48 VDC power supply, the new IPM240 brings high-level control functions and features, usually found only on much larger power drives, in the power range of up to 240Watts.

The embedded Technosoft Motion Language includes a high-level command protocol, which can be used by the host through the on-board RS485/232 serial interfaces. Set-up, tuning and programming of machine specific motion sequences are done with the easy to use Motion Studio software. A comprehensive set of graphic interface, set-up and (auto)-tuning wizards and a real-time monitor are available to track the motor movement (digital scope function).

The described features make the IPM240 the ideal solution to implement your motion axis control, using modern distributed intelligence architecture of today. Intelligent servo drives with other power ratings or suitable for step motor control are available as well.

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