

PIM2403 - Intelligent Plug-In Servo Drive For Limited Space Integration

Technosoft has extended its product range by adding, to already proven drives, the new intelligent plug-in module PIM2403. Based on the same drive technology as before, MotionChip™, this drive reduces the time needed to assembly a machine by changing the screw type contacts with simple pins. System integrators can now easily design a clean PCB that houses all the components, and get rid of all the cables.

PIM2403 controls DC, brushless, linear and step motors up to 75W (24V, 3A) and embeds motion control, drive and PLC functionalities in one open frame unit (size 59x42x20 mm).



The drive is programmable in EasyMotion Studio with Technosoft Motion Language (TML) and graphical tools. It is best valued in systems with distributed intelligence, where the motion application tasks are split between master and drives. Its embedded motion controller offers the same high-level motion language for all motors, making their technology differences transparent to the user. Complex movement sequences can be programmed directly on the drive, while system control functions are handled from the supervising PC/PLC. Motion modes as contouring, profiling, gearing, electronic camming, PVT are easily executed in stand-alone or multi-axis operations.

Typical feedback devices include incremental encoder, digital and linear Halls. Distributed control is done over CAN, CANopen, RS-232 networks, or Ethernet through an external adapter. Libraries for C, C++, C#, Delphi, Visual Basic, Labview and motion libraries for various PLCs are available for quick integration into applications.

The flexibility and versatility of the PIM2403 make it an ideal cost-effective solution for many low power multi-axis applications.

Complete specifications can be found on
http://www.technosoftmotion.com/products/OEM_PROD_PIM2403.htm

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