

IM23x - Distributed Control with Intelligent Brushless Motors

The IM23x Intelligent Motors represent flexible, easy to use and compact products based on Technosoft's latest MotionChip™ DSP Control Technology. This family of motors offers cost-effective motion control solutions for a wide range of applications: basic pulse and direction (DS models), stand-alone, pre-stored sequences intelligent servomotors (IS models), and multiple-axis intelligent motors (MA models).

The hardware structure of an IM23x integrates motor, power electronics, controller, position sensor and interface in a single compact unit (104÷144 x 57 x 57 mm), together with basic local digital and analog I/O signals.



IM23x are designed in 3 motor lengths, offering from 0.1 to 0.3 Nm permanent output torque and operated from 12 to 48 V single power supply. Gearing and electronic CAM functions are also included, for operation in CAN or RS-232 networks.

The IM23x motors can control torque, speed or position using Technosoft Motion Language (TML) under a graphical environment. Motion libraries for C++, Delphi, Visual Basic and Labview, PLCopen libraries for various PLCs, as well as starter kits, are available for easier integration in target applications.

Complete specifications can be found on www.technosoftmotion.com.

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