

Press Release

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IBL2403 - Intelligent Mini Drive with CAN

Technosoft has successfully applied its DSP-based motion control technology to develop a new intelligent mini drive with integrated CAN bus – the IBL2403.

This very compact drive (65 x 58 x 21 mm) provides extended motion control functionalities offered by the MotionChip technology, initially developed by Technosoft for larger drives. IBL2403 represents an ideal solution to the miniaturized control of intelligent axes.

The embedded controller of the IBL2403 allows the generation of motion trajectories, and the CAN bus (operating at speeds of up to 1 Mb/s) makes it possible to control several axes, in a master-slave structure. Functionalities as electronic cams can thus be implemented. The IBL2403 can provide a 3A steady current (6A peak), under a 12-48V supply.

Another powerful feature of the IBL2403 is its ability to drive different types of motors : brushless, DC, stepper and linear (2 or 3-phased) motors. The same drive can thus be used with the various motors in an application, for an easier maintenance of the equipment.

IBL2403 is programmable in a high-level language, through the Motion Studio software, whose user-friendly graphical tools enable users to quickly parameterize and program their applications. C++/ LabVIEW motion control libraries are also available, for an easier integration of the drive into the final application.

IBL2403 Mini Drives and Starter Kits are available from stock. Technosoft also offers other similar products, for powers up to 1 kW. You can find further information, and download complete documentation, from www.technosoftmotion.com