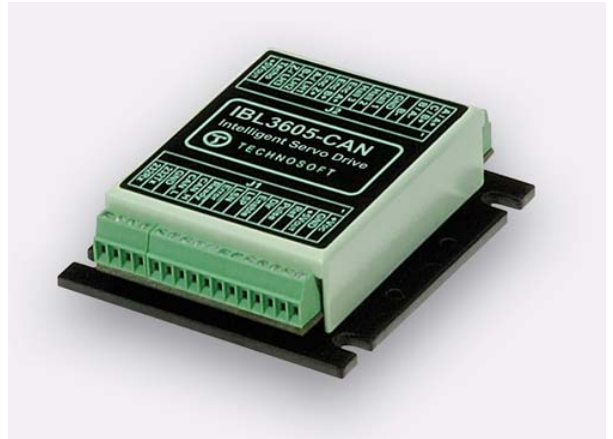


IBL3605 - Ultra Compact 180W Intelligent Drive with CANopen

Technosoft announces the new IBL3605, a remarkably compact intelligent servo drive measuring only 65 x 58 x 19 mm, that reaches up to 600 W peak power. Although extremely compact, the IBL3605 embeds motion controller, drive and PLC functionality in one unit, and has the flexibility to control brushless, step, DC or linear motors up to 180 W (36 V, 5 A). It can be mounted right beside the motor, all cables and maintenance thus being significantly reduced.



Fully programmable and extremely flexible, IBL3605 can be used as a network drive in distributed motion systems using a CAN / CANopen interface, or as a stand-alone motion controller for single axis control. With IBL3605, motion programming is done from a CANopen master via PC / PLC using the appropriate motion library, or directly at drive level, using the built-in motion controller and the EasyMotion Studio platform. Its embedded motion controller uses the same high-level motion language (TML) for all motor versions, making their technology differences transparent to the user. Using the powerful TML programming, you can really simplify complex applications by distributing the intelligence between master and drives. Thus, instead of trying to command each step of an axis movement from the master, you can program the drive in TML to execute complex tasks and to inform the master when these tasks have been completed.

Configuration, tuning and maintenance are intuitive, with features including basic and expert parameter views. Motion modes as contouring, profiling, gearing, electronic camming, PVT are easily executed with IBL3605. The drive is equipped with several sensors (incremental encoders, digital and linear Halls) and communication options (CANopen, CAN or RS-232). Starter kits and motion libraries are available for quick evaluation and integration into industrial applications.

IBL3605 provides top servo performance, compactness, networking and intelligence capabilities using a high-level programming environment. All these features make Technosoft IBL3605 the ideal solution for modern motion control applications, suited for all high precision industrial areas where space is critical.

Specifications can be found on:

http://www.technosoftmotion.com/products/OEM_PROD_IBL3605.htm

TECHNOSOFT

Buchaux 38
CH-2022 BEVAIX
Switzerland

Tel.: +41 32 732 55 00

Fax : +41 32 732 55 04

sales@technosoftmotion.com

www.technosoftmotion.com



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