

Press Release

Drive solutions for nearly every requirement

New Motion Controller available for four different motor technologies

A motion controller with even more possibilities: With the new MC 3602 B and MC 3606 B motion controllers, the selection and commissioning of drive systems is now even simpler.

With the compact MC 3602/06 B, DC-motors, brushless DC-motors and linear motors can be operated with the typical position encoders as servo drive in accordance with CiA 402.

Also new is the support of stepper motors with encoder as servo or without encoder in open-loop operation. The products "speak" EtherCAT, CANopen, RS232 and USB.

The new MC 3602 B variant is equipped with up to 2 A continuous output current for smaller motors and the MC 3606 B variant has up to 6 A continuous output current for medium-sized motors which simplifies work for engineers. For applications in which more than one motor technology is used, just one motor controller and a GUI are needed. The free FAULHABER "Motion Manager 7" software is available for installation and commissioning. With this, the drive is running in just a few steps. All main operating modes of the CiA 402 servo drive are offered. Integration is performed via CANopen or RS232, and for commissioning, primarily the USB interface is used. Additionally, an optional EtherCAT module enables cycle times as short as 1 ms. In conclusion, the motion controllers can also be operated without central control in stand-alone mode.

Everything from a single source

In combination with FAULHABER motors, the MC 3602 B and MC 3606 B deliver a sophisticated drive system with extensive protective functions. The products were developed for the operation of motors with ironless winding and offer high dynamics here. Standard motors – such as NEMA stepper motors – can likewise easily be operated with the MC 3602/06 B. They thereby represent a solid basis for a range of applications. Regardless of whether the application uses a stepper motor in open-loop or closed-loop operation, or in combination with brushless, linear or DC servomotors, the MC 3602/06 B provides a solution for nearly every requirement – in industrial automation or in laboratory automation, robotics, semiconductor processing or in use with measurement systems.

In case of queries, the FAULHABER Motion Control Support Team offers assistance.

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