

## ***Motion controller for lower and middle power range***

**Ferrocontrol (Germany), which is part of the Eckelmann group (Germany), has expanded its selection of motion controllers with two controllers for the lower and middle power range, from 1,5 kW to 5 kW. An interpolating mode is possible via CANopen (CiA 402), e.g. for cutting machines with special requirements to manage exact paths.**

THE E°DARC K10 GIVES A NOMINAL CURRENT of 10  $A_{RMS}$  and a peak current of 27,5  $A_{DC}$ . With the smaller E°Darc K04 model a nominal current of 3,9  $A_{RMS}$  and a peak current of 15  $A_{DC}$  are possible. Because of the single-phase electricity feed of 230  $V_{AC}$  the installation of a high-voltage current connection is unnecessary. The E°Darc K04 measures 61 mm x 166 mm x 141 mm, the E°Darc K10 66 mm x 211 mm x 195 mm. Both motion controllers are constructed for feeding synchronous and linear drives. Their functions include the digital controlling of power, revolution and position through position-, speed- and moment-control. In addition to the CAN interface, the devices are equipped with serial interfaces and can be parameterized through these with the PC-software E°Tools. Alternatively, parameterization via the buttons on the front is possible. The implementation of the safety function STO (safe torque off) according to SIL-3 (IEC 61508) or PL-e (ISO 13849-1) is in preparation.

