



TECHNOSOFT- IMOTIONCUBE

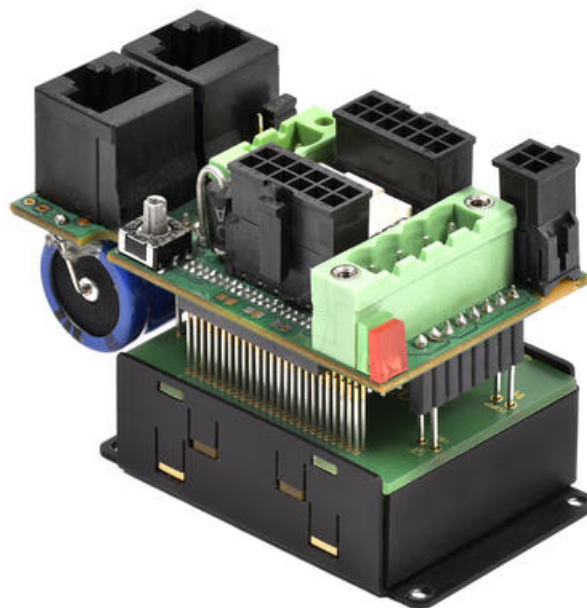
Motion controller drive – 1600 W



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iMOTIONCUBE CAN (Pin plug version, CANOpen)

- Power up to 2500W, continuous/peak current 20/40A, supply voltage 12-60VDC
- Built-in motion controller, 2 STO inputs compatible with SIL3/Cat3/PLe
- For brushed DC, BLDC and stepper motors
- Communication via RS-232 (TMLCAN) and CANopen (default) or Ethernet (optional)
- Compact, plug-in design



PRODUCT DESCRIPTION

Ultra-compact and powerful servo controller with integrated MotionChip controller™, CAN/CANopen or EtherCAT interface and STO safety function. Universal application thanks to the support of various motor technologies and feedback sensors. The extremely compact design allows easy integration in the smallest space. Designed as a plug-in module (only 60 x 40 x 28.2 mm), iMotionCube offers the ideal solution with limited installation space.

TECHNICAL DATA

| | |
|-----------------------------|---|
| Analogue Inputs | 2 |
| Communication | CANopen, RS232, TMLCAN |
| Compatible motor technology | PMSM motor, Voice coil actuator, Brushless DC motor, Stepper motor, Linear motor, DC |
| Control type | Electronic cam, Electronic gearing, Position, Speed, Torque |
| Digital inputs | 4 |
| Digital outputs | 4 |
| Nominal current | 20 A |
| Peak current | 40 A |
| Positioning feedback | SSI, EnDaT 2.2, 1 Vpp Sin/Cos, Incremental, Digital hall sensors, Sensorless, Tachogenerator, Analogue hall sensors |
| Power | 1600 W |
| Supplier | Technosoft |

Supply voltage

12 V DC, 24 V DC, 36 V DC, 48 V DC, 56 V DC, 72 V DC

Weight45 g
