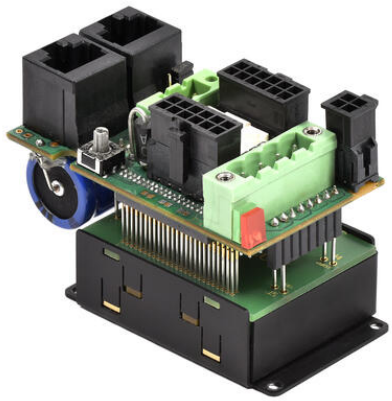
OEM Automatic Ltd
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TECHNOSOFT- IMOTIONCUBE

Motion controller drive – 1600 W

P025.126.E121
iMOTIONCUBE CAT-STO (Pin plug version, EtherCAT, STO inputs)



- 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	RS232, EtherCAT
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
Weight	45 g