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TECHNOSOFT IPOS4808

Motion controller drive - 8A

P027.014.E021
iPOS4808 VX-CAT (48V, 8A, encoder, EtherCAT compatible)



- Power up to 400W, continuous/peak current 8/20A, power supply 12-50VDC
- Built-in motion controller
- For brushed DC, BLDC and stepper motors
- Communication via RS-232 (TMLCAN) and CANopen (default) or EtherCAT (optional)
- Open PCB or enclosed design

PRODUCT DESCRIPTION

Programmable and flexible drive controller with integrated output stage, MotionChip ™ controller, I/O signals and CAN bus or EtherCAT interface, STO safety function and comprehensive support for motor technologies and encoders in one device.
The VX module has been specially developed for integration on the carrier plate and allows installation even in confined spaces. Several VX modules can be connected to a single motherboard, ultimately leading to a compact design, high integration density, time savings, and cost optimization.
The MY module has been specially developed for integration on the motherboard and is the ideal solution for a variety of applications with limited installation space.
The BX module is the ideal solution for a variety of applications 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	8
Digital outputs	5
Nominal current	8 A
Peak current	20 A
Positioning feedback	1 Vpp Sin/Cos, Analogue hall sensors, Incremental, Digital hall sensors, Sensorless, Tachogenerator
Power	400 W
Supplier	Technosoft
Supply voltage	12 V DC, 24 V DC, 36 V DC, 48 V DC
Weight	16 g