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TECHNOSOFT IPOS3602

Motion controller drive - 2A

P028.001.E021
iPOS3602 VX-CAT (36V, 2A, Encoder, EtherCAT)



- Power up to 75W, continuous/peak current 2/3.2A, supply voltage 12-36VDC
- Built-in motion controller
- For brushed DC, BLDC and stepper motors
- Communication RS-232 (TMLCAN) and CANopen (default) or EtherCAT (optional)
- Open PCB or enclosed design

PRODUCT DESCRIPTION

Compact controller to control DC motors, PMSM/BLDC motors and stepper motors. The IPOS3602 is an intelligent, freely programmable servo controller with integrated output, MotionChip ™ controller, I/O signals and CAN bus interface in one device. The IPOS3602 is designed in several versions: as a PCIe plug-in module for motherboard integration, as a soldering/connection module and as a built-in unit, allowing easy integration even in confined spaces. Multiple VX modules can be connected to a single motherboard for compact design, time savings and cost optimization.

TECHNICAL DATA

Analogue Inputs	2
Communication	EtherCAT, 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	5
Digital outputs	3
Nominal current	2 A
Peak current	3.2 A
Positioning feedback	1 Vpp Sin/Cos, Analogue hall sensors, Incremental, Digital hall sensors, Sensorless, Tachogenerator
Power	75 W
Supplier	Technosoft
Supply voltage	12 V DC, 24 V DC, 36 V DC
Weight	10 g