OEM Automatic Ltd
Address: Whiteacres, Whetstone Leicester, LE8 6ZG
0116 284 9900 | Orders@oem.co.uk | www.oem.co.uk

TECHNOSOFT IPOS2401

Motion controller drive - 1A

P024.200.E121
iPOS2401 MX-CAT (Combo, 24V, 1A, EtherCAT)



- Power up to 24W, continuous and peak current 0.9A, power supply voltage 12-24VDC
- Built-in motion controller
- For brushed DC, BLDC and stepper motors
- Communication RS-232 (TMLCAN) and CANopen (default) or EtherCAT (optional)
- Open PCB design

PRODUCT DESCRIPTION

Ultra-compact 4-quadrant controller for use with brushed DC motors, brushless DC motors and stepper motors up to 24 watts. The IPOS2401 is an intelligent, freely programmable servo controller with integrated output stage, motionchip™ controller, I/O signals and CAN interface in one device. The IPOS2401 is designed as a soldering/plug-in module and is ideal for a variety of applications with very small mounting space.

TECHNICAL DATA

Analogue Inputs	1
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	5
Digital outputs	2
Nominal current	0.9 A
Peak current	0.9 A
Positioning feedback	Analogue hall sensors, Incremental, Digital hall sensors, Sensorless, Tachogenerator
Power	24 W
Supplier	Technosoft
Supply voltage	12 V DC, 24 V DC
Weight	20 g