

## TECHNOSOFT IPOS2401

Motion controller drive - 1A

P024.300.E101

iPOS2401 MX-CAN (24V, 0.9A, pin-plug, encoder, CAN)



- 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

<b>Analogue Inputs</b>	1
<b>Communication</b>	CANopen, RS232, TMLCAN
<b>Compatible motor technology</b>	PMSM motor, Voice coil actuator, Brushless DC motor, Stepper motor, Linear motor, DC
<b>Control type</b>	Electronic cam, Electronic gearing, Position, Speed, Torque
<b>Digital inputs</b>	5
<b>Digital outputs</b>	2
<b>Nominal current</b>	0.9 A
<b>Peak current</b>	0.9 A
<b>Positioning feedback</b>	Analogue hall sensors, Incremental, Digital hall sensors, Sensorless, Tachogenerator
<b>Power</b>	24 W
<b>Supplier</b>	Technosoft
<b>Supply voltage</b>	12 V DC, 24 V DC
<b>Weight</b>	20 g