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

# TECHNOSOFT IPOS3602

Motion controller drive - 2A

P028.001.E201
iPOS3602 VX-CAN (36V, 2A, encoder, CAN)



- 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** | 1 |
| **Communication** | 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** | 4 |
| **Nominal current** | 2 A |
| **Peak current** | 3.2 A |
| **Positioning feedback** | Incremental, 1 Vpp Sin/Cos, Digital hall sensors, Tachogenerator, Sensorless |
| **Power** | 75 W |
| **Supplier** | Technosoft |
| **Supply voltage** | 12 V DC, 24 V DC, 36 V DC |
| **Weight** | 70 g |