

## TECHNOFT IPOS4808

Motion controller drive - 8A



P027.214.E201

iPOS4808 BX-CAN (48V, 8A, closed-frame, Enc, CAN)



- 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

<b>Analogue Inputs</b>	2
<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>	6
<b>Digital outputs</b>	4
<b>Nominal current</b>	8 A
<b>Peak current</b>	20 A
<b>Positioning feedback</b>	SSI, EnDaT 2.2, 1 Vpp Sin/Cos, Analogue hall sensors, Incremental, Digital hall sensors, Sensorless, Tachogenerator
<b>Power</b>	400 W
<b>Supplier</b>	Technosoft
<b>Supply voltage</b>	12 V DC, 24 V DC, 36 V DC, 48 V DC
<b>Weight</b>	125 g