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

TECHNOSOFT - IPOS4850

Motion controller drive - 50A

P029.300.E201
iPOS4850 BX-CAN-STO (48V, 50A, cl. frame, enc., CAN, STO)



- Power up to 2500W, continuous/peak current 50/90A, supply voltage 12-60VDC
- Built-in motion controller, 2 STO inputs compatible with SIL3/Cat3/PLe
- For brushed DC, BLDC and stepper motors
- Communication after RS-232 (TMLCAN) and CANopen (default) or EtherCAT (optional)
- Enclosed design

PRODUCT DESCRIPTION

Intelligent and flexible servo controller with CAN bus system, STO safety function and comprehensive support for motor technologies and encoder interfaces.

TECHNICAL DATA

Analogue Inputs	2
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	2
Digital outputs	2
Nominal current	50 A
Positioning feedback	SSI, EnDaT 2.2, 1 Vpp Sin/Cos, Analogue hall sensors, Incremental, Digital hall sensors, Sensorless, Tachogenerator
Power	2500 W
Supplier	Technosoft
Supply voltage	12 V DC, 24 V DC, 36 V DC, 48 V DC, 56 V DC
Weight	240 g