

## TECHNOSOFT - IPOS4850

Motion controller drive - 50A

P029.200.E201  
 iPOS4850 BX-CAN (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

<b>Analogue Inputs</b>	3
<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>	2
<b>Digital outputs</b>	2
<b>Nominal current</b>	50 A
<b>Peak current</b>	90 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>	2500 W
<b>Supplier</b>	Technosoft
<b>Supply voltage</b>	12 V DC, 24 V DC, 36 V DC, 48 V DC, 56 V DC
<b>Weight</b>	240 g