



## 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             | 3                                                                                                                   |
| 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                                                                                                                |
| Peak current                | 90 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                                                                                                               |