

# MBD 230/400 Servo Drive



MBD is a new range of low cost and high power Servo Drives. Five sizes are available, ranging from 3A to 42A continuous operation. The drive is offered with EtherCAT, CANopen or Analogue and includes a wide range of feedback options.

## Controllable motors:

- Brushless synchronous motors with torque, speed and position control
- Brushless linear motors

## Available motor feedback:

- Encoder with Hall (standard)
- SIN/COS 1Vpp
- Absolute Hiperface

Catalogue Sheet

## Hardware features

- CAN Open slave (DS402 profile)
- EtherCAT interface
- Modbus RTU

- A-B-Z type encoder emulation
- Integrated clamp resistance with monitoring
- 5 opto-isolated inputs and 3 configurable outputs
- 2 inputs for disabling security STO A, STO B
- 2-line display
- 1 drive-ok relay
- RS232 interface for configuration and data transfer
- External power line for logical circuit (24 VDC)

### Software features

- absolute positioner on field bus interface (CAN open slave) or I/O with homing input
- profile position mode, velocity mode and interpolation position mode
- emergency braking with static position control
- $\pm 10$  V analog input
- settable PID regulation
- torque and speed control upon digital input
- advanced function monitoring through RS232 interface with oscilloscope emulation

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