



#THE OTHER SIDE OF MOTION CONTROL

SERVODRIVE SBD MADE IN ITALY

Introducing CMZ new brushless stand alone servodrive SBD featuring Italian best technology:

- ✓ integrated programmability
- ✓ cost-effective solution
- ✓ 230V or 400V in one case
- ✓ developed and Made in Italy








Technical features



Logic supply	24 Vdc
BUS Interface and fieldbus	CAN - CANopen DS402. ETC - EtherCAT CoE PROFINET RT
Feedback	Resolver 10 KHz TTL incremental encoder & HES Hiperface absolute encoder
Thermal sensor	PTC NTC
Digital/analog I/O	3 x DO 24 Vdc PNP 200 mA 7 x DI 24 Vdc PNP (2 with touch probe functionality) 1 x AI +/- 10 Vdc 1 x AO 0-10 Vdc
Auxiliary encoder input	1 x TTL incremental encoder
Disable Input	2 Channels
Braking resistors	Integrated 30 W for all sizes Connection for external braking resistor
Others	EMC filter Braking motor output DC Bus connection Configuration port: micro USB
Dimensions and weight	Size M: WxHxL = 83,6 x 178,3 x 189,2 mm. Kg 0,8 Size L: WxHxL = 105 x 270 x 232 mm. Kg 3,8
Functionalities	Internal IEC programmability (CMZ) Configuration and tuning: SDSetup via micro USB Configurable IOs functionality

Overview Table

   		SIZE M			SIZE L		
		230 Vac 1-phase		400 Vac 3-phase		400 Vac 3-phase	
		Nominal	5A	8,5A	5A	10A	20A
		Peak	10A	17A	10A	20A	40A
FIELDBUS		EtherCAT / CANopen / PROFINET / PLC					
POWER SUPPLY		Without external contactor					
I/Os		Integrated 7 DI - 3 DO - 1 AI - 1 AO					
FEEDBACK		Absolute Hiperface / Resolver / Incremental with HES					
SAFETY		Hardware Disable Input					
APPLICATIONS		Multi-axis application based on CODESYS master controller and SBD CODESYS driver OR Stand alone application without master controller (SMART DRIVE) with integrated programmability IEC61131 (ST language)					
CONFIGURATION & TUNING		Advanced Configuration & Tuning functionalities on SDSetUp					

In automation since 1976

CMZ SISTEMI ELETTRONICI develops and supplies fully customizable hardware and software systems based on your project, integrating “turnkey” motion control configurations with the optimization of your engineering and development costs. Made in Italy reaches its full expression also in the automation industry.

CMZ has been operating in industrial motion control since 1976 offering solutions and components for multi-axis control, developed for OEM manufacturers of automatic machines and system integrators with open-frame logic, for integration with all the main drives on the market.

The company is based in Northern Italy and operates internationally thanks to a network of automation partners present on every continent.



CMZ SISTEMI ELETTRONICI Srl Via dell'Artigianato, 21 - 31050 Vascon di Carbonera (TV) - ITALY



Contact us for a presentation
LIVE DEMO
cmz.it | cmz@cmz.it