



#THE OTHER SIDE OF MOTION CONTROL

# NEW SERVODRIVE SSD MADE IN ITALY

We are ready to introduce CMZ new stepless stand alone servodrive SSD featuring Italian best technology:

- √ Smart Drive PLC
- √ highest performing
- √ highly compact
- √ developed and Made in Italy



# Overview Table

 		<b>230 Vac</b> <b>1-phase</b>
	<b>Nominal</b>	<b>5A</b>
<b>FIELDBUS</b>	EtherCAT / CANopen / PROFINET	
<b>POWER SUPPLY</b>	Without external contactor	
<b>I/Os</b>	Integrated 7 DI - 3 DO - 1 AI - 1 AO	
<b>FEEDBACK</b>	Incremental encoder	
<b>SAFETY</b>	Hardware Disable Input	
<b>APPLICATIONS</b>	Multi-axis application based on CODESYS master controller and SSD CODESYS driver OR Stand alone application without master controller (SMART DRIVE) based on integrated programmability IEC61131 (ST language)	
<b>CONFIGURATION &amp; TUNING</b>	Advanced Configuration & Tuning functionalities on SDSetUp	

# Technical Features

Model	Short description
SSD 230 050	230 Vac 1-phase IO=5,0 A



<b>Logic supply</b>	24 Vdc
<b>BUS Interface and fieldbus</b>	CAN - CANopen DS402
	ETC - EtherCAT CoE
<b>Feedback</b>	TTL incremental encoder
<b>Digital/analog IO</b>	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
<b>Auxiliary encoder input</b>	1 x TTL incremental encoder
<b>Disable input</b>	2 Channels
<b>Braking resistor</b>	Optional 30 W
<b>Other</b>	Configuration port: micro USB
<b>Dimensions and weight</b>	L x H x P = 56 x 176 x 190 (mm)
	Weight = 1,3 Kg
<b>Servo performances</b>	PWM frequency = 5/10kHz
	Current loop BW = up to 1 kHz
	Motion loop BW = up to 100 Hz
	Current measurement resolution = 12 bit
<b>Functionalities</b>	Internal IEC programmability (CMZ)
	Configuration and tuning: SDSetUp via micro USB
	Configurable IOs functionality

# 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 located in every continent.



Contact us for a presentation  
**LIVE DEMO**  
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