

Multi-axes PMNL Piezo Motor Servo Controller



Features

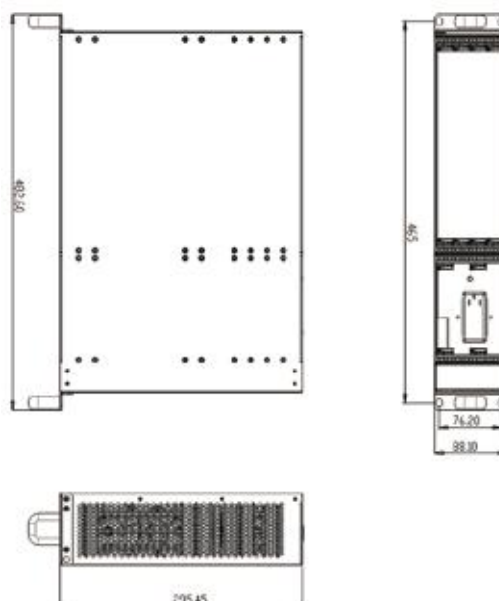
■ Function:

- 1) 19 inch 2U Chassis, modularization design
- 2) High performance control algorithm, supporting up to 2-axes PMNL motor servo driving
- 3) Communication interface: RS-485 port / Modbus RTU
- 4) Optional encoder interface: incremental encoder (ABZ) / absolute encoder (BiSS C)

Description

B-52x series controller is designed for PMNL piezo motor driving, providing high performance servo control based on high precise external encoder feedback. It satisfies either incremental encoder or absolute encoder. Modularization design concept could achieve 1 to 2 axes configuration flexibly.

Interface Definition



Technical Specifications

Basics	B-52x.3x	Unit
Function	Servo controller for PMNL series piezo motor	
Channels	1~2	
Power supply	AC 220	V
Output voltage	-230 to 230	V
Peak power / channel	45	W
Average output power / channel	15	W
Peak current / channel	60	mA
Average output current / channel	180	mA
Interfaces and operations		
Communication interface	RS485	
Motor interface	HD-15 Female	
Sensor interface	DB-15 Female	
Sensor type	Incremental (ABZ) / Absolute (BiSS C)	
Command set	Modbus command set	
User software	PMNL Motor Controller	
Miscellaneous		
Operating voltage	AC 220	V
Max. power consumption	110	W
Operating temperature range	5~50	°C
Dimensions	482.6×88.1×295.5	mm×mm×mm