

## ◆ Multi-Axes PMNL Piezo Motor Servo Controller



### Features

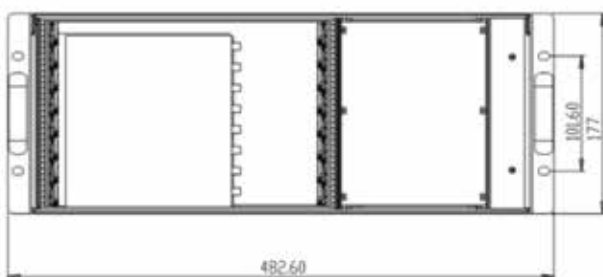
■ Function:

- 1) 19 inch 4U Chassis, modularization design
- 2) High performance control algorithm, supporting up to 4-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-54x 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 4 axes configuration flexibly.

### Interface Definition



## Technical Specifications

Basics	B-54x.3x	Unit
Function	Servo controller for PMNL series piezo motor	
Channels	1~4	
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
<b>Interfaces and operations</b>		
Communication interface	RS485	
Motor interface	HD-15 Female	
Sensor interface	DB-15 Female	
Sensor type	Absolute (BiSS C)	
Command set	Modbus command set	
User software	PMNL Motor Controller	
<b>Miscellaneous</b>		
Operating voltage	AC 220	V
Max. power consumption	210	W
Operating temperature range	5~50	°C
Dimensions	482.6×177.8×295.5	mm×mm×mm