

Field Bus Piezo Amplifier (36 channels)



Features

- 36-channels piezo amplifier, open loop
- Modular design, flexible options for different channels
- 0~150V voltage output, available for piezoelectric actuator products
- Support EtherCAT bus

Description

Muti-channel piezo amplifier

Channels from 4 to 36 are available for request , supporting high-performance open-loop control of YiNGUAN Company's piezoelectric actuator series products. The displacement regulation can achieve sub-nanometer precision.

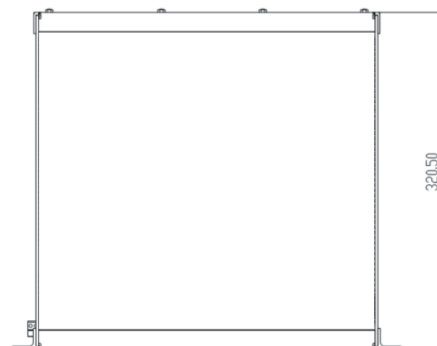
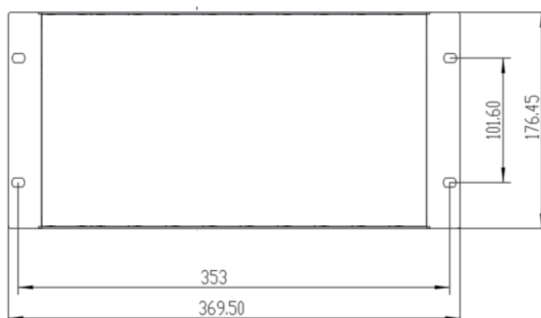
Field Bus communication control

EtherCat communication interface is available. Flexible bus network with efficient and multi-function command sets can meet the high-performance motion control of piezoelectric actuators and real-time monitoring of the driver status.

Applications

- Optical lens adjustment
- Precision machining
- Precision semiconductor equipment
- Precision medical testing equipment

Interface Definition



Technical Specifications

Basics	A-136.50	Unit
Function	multi-channel piezo amplifier, open-loop	
Number of Channels	36	
Output voltage	0~150	V
Peak power / channel	14	W
Average output power / channel	4.5	W
Peak current / channel	93	mA
Average output current / channel	30	mA
Interfaces and operations		
Communication interface	EtherCat	
Drive interface	ERA.00.250.CTL	
Command set	DS402	
Support function	point-to-point motion	
Miscellaneous		
Operating voltage	AC220V /50Hz	
Maximum power consumption	250	W
Operating temperature range	5~50	°C
Dimensions	369.5×176.5×320.5	mm×mm×mm
Net weight	7±0.2	Kg

Customization Information

A-1xx.50 series multi-channel piezo amplifier

Type	Feature
A-136.50	36-channel piezo amplifier, 4U chassis, open loop, EtherCat.