

FANUC A06B-6096-H301 Manual

Brand	FANUC
Product Series	FANUC
Product Type	Servo Amplifier Module

Description

The FANUC A06B-6096-H301 is a servo amplifier module designed to operate within CNC applications. This unit can support up to three axes, effectively across a temperature range of 0 to 40 degrees Celsius.

Technical specifications for A06B-6096-H301

Manufacturer FANUC

Product Type Servo Amplifier Module

Product Line A06B

Part Number A06B-6096-H301

Weight 22.00 lbs (9.98 kg)

Number of Axes 3 Axes

Operating Temperature 0 to 40 degrees Celsius

Maximum Vibration 5G

Maximum Altitude 1000 Meters Above Sea Level

L/M/N Axis Output Current 3 Amps

Input Voltage 283-325V

Output Voltage 230V Maximum

Power Rating 1.85 kW

CNC Applications Supported

Cooling Method Built-In Fan

Overcurrent Protection Supported

Overvoltage Protection Supported

Overheating Protection Supported

Short Circuit Protection Supported

The A06B-6096-H301, part of FANUC's A06B series, is a sophisticated servo amplifier module tailored for industrial automation and CNC applications. This device manages three axes, making it ideal for complex motion control tasks. It accepts an input voltage range from 283 to 325 volts, ensuring flexible compatibility with various power sources.

With a maximum output voltage of 230 volts, it effectively delivers power rated at 1.85 kW to connected equipment. The operating environment is configured to maintain performance between 0 and 40 degrees Celsius, withstanding vibration up to a maximum of 5G. This amplifier module is also rated for use at altitudes of up to 1000 meters, making it suitable for elevated installations.

An integrated fan manages cooling and helps dissipate heat generated during operation. Comprehensive safety features, including overcurrent, overvoltage, overheating, and short circuit protection, safeguard against various electrical issues. This design enhances the reliability and longevity of the unit under demanding operational conditions.

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