

FANUC A06B-6096-H302 Manual

Brand	FANUC
Product Series	FANUC
Product Type	-

Description

The FANUC A06B-6096-H302 is a robust servo amplifier for precise control across various industrial CNC applications. It supports three axes of operation and delivers a maximum power rating of 2.4 kW, ensuring performance in demanding environments.

Technical specifications for A06B-6096-H302

Manufacturer FANUC

Product Line A06B

Part Number A06B-6096-H302

Weight 22.00 lbs (9.98 kg)

Product Servo Amplifier

Operating Temperature 0 to 40 degrees Celsius

Maximum Vibration 5G

Maximum Altitude 1000 Meters Above Sea Level

Number of Axes 3 Axes

Input Voltage 283-325V

Output Voltage 230V Maximum

CNC Applications Supported

Power Rating 2.4 kW

L-Axis Output Current 3 Amps

M-Axis Output Current 5.9 Amps

N-Axis Output Current 5.9 Amps

Description

FANUC's A06B-6096-H302 model is a specialized servo amplifier that facilitates high-performance control in CNC machinery. It operates efficiently with an input voltage range of 283 to 325 volts. The output voltage capability is rated at a maximum of 230 volts, making it suitable for various applications that demand reliable performance.

This servo amplifier supports up to three axes, making it versatile for implementations that require multi-axis control. Its power rating of 2.4 kW signifies its ability to handle substantial loads during operation. Current outputs for the axes are rated individually: the L-axis is designed to handle 3 amps. The M-axis and N-axis are rated for 5.9 amps each, ensuring adequate power delivery tailored to specific needs.

Designed for robust environments, the A06B-6096-H302 can endure maximum altitudes of 1000 meters above sea level, retaining performance without derating. It also accommodates shocks and vibrations with a tolerance of up to 5G. The operational temperature range extends from 0 to 40 degrees Celsius, allowing the unit to function effectively in various industrial conditions. The amplifier is particularly valuable in CNC applications, where precise control and stability are critical for optimal machining results.

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