

FANUC A06B-6096-H206 Manual

Brand	FANUC
Product Series	FANUC
Product Type	Servo Amplifier Module

Description

The FANUC A06B-6096-H206 is a servo amplifier module designed for robust applications. It is capable of multi-axis control and can operate within a temperature range from 0 to 40 degrees Celsius. Compatible with CNC systems, it provides essential functionalities, including overcurrent and overvoltage protection, ensuring reliable operation under various conditions.

Technical specifications for A06B-6096-H206

Manufacturer FANUC

Product Type Servo Amplifier Module

Product Line A06B

Part Number A06B-6096-H206

Weight 15.00 lbs (6.80 kg)

Multi-Axis Control Supported

Operating Temperature 0 to 40 degrees Celsius

Maximum Vibration 5G

Maximum Altitude 1000 Meters Above Sea Level

L-Axis Output Current 12.5 Amps

M-Axis Output Current 12.5 Amps

LED Status Indicators Included

Overcurrent Protection Supported

Overvoltage Protection Supported

CNC Applications Supported

Input Voltage 283-325V

Output Voltage 230V Maximum

Output Power 5.3 kW

Description

FANUC's A06B-6096-H206 is a versatile servo amplifier module, especially appealing for multi-axis control setups. This module is engineered to work efficiently in environments where temperatures fluctuate between 0 and 40 degrees Celsius. It performs reliably, even in scenarios that may subject it to vibration levels as high as 5G, which is critical for maintaining stability in precise operations.

Designed for integration in CNC applications, this amplifier provides a solid performance with output currents rated at 12.5 Amps for both the L-axis and the M-axis. The input voltage range for this module extends from 283 to 325 volts, with maximum output voltage capabilities reaching 230 volts. It can deliver substantial output power, rated at 5.3 kW, which makes it well-suited for various industrial tasks.

In addition to these key specifications, the A06B-6096-H206 is equipped with crucial safety features such as overcurrent and overvoltage protection. Functionality is further enhanced by LED status indicators providing real-time feedback regarding the module's operational state. This amplifier can also function at altitudes of up to 1000 meters above sea level, broadening its applicability in diverse settings.

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