

FANUC A06B-6096-H204 Manual

Brand	FANUC
Product Series	FANUC
Product Type	Servo Amplifier

Description

The FANUC A06B-6096-H204 is a capable servo amplifier tailored for various CNC and robotics applications. It operates within a power supply voltage of 200 to 240V AC, ensuring reliable performance in diverse environments.

Technical specifications for A06B-6096-H204

Manufacturer FANUC

Product Type Servo Amplifier

Product Line A06B

Part Number A06B-6096-H204

Weight 12.00 lbs (5.44 kg)

CNC Applications Supported

Robotics Applications Supported

Analog/Pulse Control Supported

Operating Temperature 0 to 40 degrees Celsius

Maximum Vibration 5G

Maximum Altitude 1000 Meters Above Sea Level

Fan Cooling Supported

Power Supply Type 3-Phase AC Power Supply

Power Supply Voltage 200-240V AC

Maximum Output Voltage 240V AC

Approximate Dimensions 380 x 150 x 250 mm

L-Axis Output Current 3 Amps

M-Axis Output Current 12.5 Amps

Description

The FANUC A06B-6096-H204 model is a robust servo amplifier designed for precision in CNC and robotic tasks. Its power supply configuration is suited for 3-phase AC power, and it operates efficiently at voltages from 200 to 240 volts AC.

This amplifier is engineered to manage demanding conditions. It can withstand temperatures between 0 and 40 degrees Celsius and vibrations up to 5G, ensuring operational stability. In addition, it is rated for use at altitudes reaching 1000 meters above sea level, making it an adaptable choice for various industrial settings.

The unit features analog and pulse control support to meet varying control requirements. Fan cooling is included to ensure optimal thermal management. The approximate dimensions of the device are 380 mm in height, 150 mm in width, and 250 mm in depth, with a shipping weight of around 8.2 pounds.

For output, it delivers an L-axis current of 3 amps and an M-axis current of 12.5 amps, making it practical for a range of motion control applications. The A06B-6096-H204 servo amplifier is reliable for those looking to enhance their CNC or robotics setup.

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