

FANUC A06B-6130-H002 Manual

Brand	FANUC
Product Series	FANUC
Product Type	-

Description

The FANUC A06B-6130-H002 is a versatile servo amplifier module. It accommodates a range of operational requirements, with ratings for both input and output current and a broad operational temperature range.

Technical specifications for A06B-6130-H002

Manufacturer FANUC

Product Line A06B

Part Number A06B-6130-H002

Weight 9.00 lbs (4.08 kg)

Product Name Servo Amplifier Module

Ambient Operational Temperature 0 to 55°C

Ambient Storage Temperature -20 to 60°C

Humidity Normally 90% RH or below and condensation-free

Operational Vibration Below 0.5G

Voltage Class 200V

Rated Input Voltage 200 to 240 VAC

Input Frequency 50/60 Hz

Voltage Phases 3 and 1 phase

Input Current Rating 8.0 A

Max. Output Voltage 240 VAC

Rated Output Current 6.8 A

The FANUC A06B-6130-H002 is a servo amplifier module designed for precision control in automated environments. It can operate effectively within an ambient temperature range of 0 to 55°C, ensuring reliable performance in diverse conditions. For storage, it can withstand temperatures between -20 to 60°C, offering flexibility in handling.

Humidity control is essential for this module; it operates best at a relative humidity of 90% or lower while remaining free from condensation. Vibration tolerance is another critical factor, with operational levels specified to remain below 0.5G, which is beneficial for maintaining stability and accuracy.

This amplifier is classified within the 200V voltage class and accepts input voltages between 200 and 240 VAC. The input frequency can vary between 50 and 60 Hz. Users can connect it to either single-phase or three-phase power systems. The input current is rated at 8.0 A, allowing substantial energy transfer appropriate for demanding applications.

Regarding output capabilities, the A06B-6130-H002 provides a maximum output voltage of 240 VAC and is rated for an output current of up to 6.8 A. These features make the servo amplifier module well-suited for applications requiring precise control and reliability.

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