

FANUC A06B-6240-H209 Manual

Brand	FANUC
Product Series	FANUC
Product Type	-

Description

The A06B-6240-H209 is a servo amplifier module from FANUC's A06B series. Designed for 3-phase operation, it delivers an output voltage of 200 to 240 VAC and supports a frequency range of up to 550 Hz.

Technical specifications for A06B-6240-H209

Manufacturer FANUC

Product Line A06B

Part Number A06B-6240-H209

Weight 15.00 lbs (6.80 kg)

Name of Product Servo Amplifier Module

No. of Phases 3-phase

Output Voltage 200-240 VAC

Ambient Operating Temperature 0°C to 55°C

Rated Output Current 22.5 A (L-axis), 22.5 A (M-axis)

Input Voltage 283-339 VDC

Rated Input Current 39 A at 283 V

Input Frequency 50/60 Hz

Output Frequency Range 0 - 550 Hz

The FANUC part number A06B-6240-H209 is classified as a servo amplifier module within the A06B series. This unit is specifically designed to operate in a three-phase configuration, ensuring compatibility with various industrial setups. It provides a flexible output voltage ranging from 200 VAC to 240 VAC, making it suitable for numerous applications that require servo control. At the same time, it supports an output frequency spectrum that extends up to 550 Hz, allowing for precise motor performance.

With a robust rated output current of 22.5 A for each of its axes (L-axis and M-axis), this module is capable of delivering significant power for demanding tasks. It operates effectively within an ambient temperature range of 0°C to 55°C, making it appropriate for various environmental conditions. The input voltage requirements range from 283 VDC to 339 VDC, and at 283 V, the rated input current is 39 A.

The input frequency is compatible with both 50 Hz and 60 Hz systems, addressing global operational needs. Weighing 4.08 kg (or approximately 9 lbs.), this servo amplifier module's compact design simplifies installation while maintaining durability for long-term use in industrial automation settings. Overall, the A06B-6240-H209 serves as a reliable component for enhancing performance in servo-controlled applications.

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