

FANUC A06B-6077-H111

The FANUC A06B-6077-H111 is a highly specialized servo power converter module in CNC systems. Delivering an output power of 13.2 kW, this component is critical for precise control in industrial automation contexts.

Technical specifications for A06B-6077-H111

Manufacturer FANUC

Product Type Servo Power Converter (Power Supply Module)

Product Line A06B

Part Number A06B-6077-H111

Weight 15.00 lbs (6.80 kg)

Application CNC Systems

Output Power 13.2 kW

Power Supply Type ALPHA Power Supply Module

Power Supply 3-phase

Output Voltage 283-325 VDC

Input Current 49 A

Cooling Method Air Cooled

Frequency 50/60 Hz

Input Voltage 200 V - 230 VAC

Protection Features Overload, Overcurrent, Overvoltage Protection

Description

The FANUC A06B-6077-H111 is a reliable servo power converter specifically tailored for CNC systems. At 2.26 kg, this power supply module is compact and operates efficiently using a 3-phase setup. It provides significant output power, rated at 13.2 kW, essential for power-intensive tasks in machining operations.

The output voltage produced by this module ranges from 283 to 325 VDC, aligning well with the operational needs of advanced CNC machinery. It accepts an input voltage between 200 V and 230 VAC to function effectively and requires an input current of 49 A, highlighting its capability to drive substantial loads.

For optimal heat regulation, the A06B-6077-H111 uses air-cooling technology, preventing overheating during extended operation. It is designed to operate at 50 or 60 Hz frequencies, accommodating common electrical standards globally. This module also has integral protection mechanisms that prevent overload, overcurrent, and overvoltage, enhancing operational reliability and safeguarding connected equipment against potential damage.

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