

# FANUC A06B-6114-H303 Manual

|                |       |
|----------------|-------|
| Brand          | FANUC |
| Product Series | FANUC |
| Product Type   | -     |

## Description

The FANUC A06B-6114-H303 is a servo amplifier module, catering to precise motion control requirements. It supports an output frequency range from 0.1 to 800 Hz and operates efficiently with a rated input power of 7.5 kW.

Technical specifications for A06B-6114-H303

Manufacturer FANUC

Product Line A06B

Part Number A06B-6114-H303

Weight 15.00 lbs (6.80 kg)

Name Servo Amplifier Module

Rated Output Current 6.5 A (L-axis), 6.5 A (M-axis), 6.5 A (N-axis)

Output Frequency Range 0.1 - 800 Hz

Input Voltage 283-339 VDC

Rated Input Power 7.5 kW

Input Frequency 50/60 Hz

Ambient Humidity 90% RH or less (No condensation)

Max. Ambient Operating Temp. 55°C

Output Voltage 200-240 VAC

Min. Ambient Operating Temp. 0°C

Max. Output Current 20 A

Max. Output Power 30 kW

Description

The model A06B-6114-H303 by FANUC is a specialized servo amplifier module to enhance motor control mechanisms. It provides a rated output current of 6.5 A for each of its axes: L, M, and N. It operates within an input voltage range of 283 to 339 VDC. This module is capable of efficient performance in various industrial settings.

The device is engineered with a realistic output frequency span from 0.1 to 800 Hz, making it suitable for versatile applications. The rated input power sits at 7.5 kW, ensuring adequate energy for demanding tasks, while input frequency compliance is maintained at 50/60 Hz. Regarding environmental conditions, it can manage ambient humidity levels up to 90% RH without condensation, operating effectively between 0°C and 55°C.

Regarding electrical performance, the module handles output voltages ranging from 200 to 240 VAC. It can achieve a maximum output current of 20 A, contributing up to 30 kW of output power. The amplifier module weighs 2.6 kg (5.73 lbs.) and is compactly sized, measuring 195 x 300 x 220 mm, facilitating easy integration into existing systems.

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