

FANUC A06B-6124-H104 Manual

Brand	FANUC
Product Series	FANUC
Product Type	-

Description

The FANUC A06B-6124-H104 is a servo amplifier module operating at a voltage class of 400V. This unit is suitable for a three-phase main power supply voltage ranging from 400 VAC to 480 VAC and requires a single-phase control voltage of 200 VAC to 240 VAC.

Technical specifications for A06B-6124-H104

Manufacturer FANUC

Product Line A06B

Part Number A06B-6124-H104

Weight 12.00 lbs (5.44 kg)

Description Servo Amplifier Module

Voltage Class 400V

Main Power Supply Voltage Three-phase 400 VAC to 480 VAC

Power Supply Voltage for Control Single-phase 200 VAC to 240 VAC

Allowable Voltage Deviation -15% to +10% (including variation due to load)

Instantaneous Power Failure Guarantee Time 3 ms

Power Frequency 50/60 Hz, ± 1 Hz

Number of Axis Amplifier 1

Rated Output Current 9.1 A (rms)

Nominal Current Limit 40 A (peak)

Ambient Operational Temperature 0 to 55°C

Ambient Storage Temperature -20 to 60°C

Humidity Normally 90% RH or below and free from condensation

Operational Vibration Below 0.5G

The FANUC A06B-6124-H104 functions as a servo amplifier module tailored for industrial applications. With a voltage class set at 400V, it accommodates a three-phase power supply voltage range between 400 VAC and 480 VAC. For control purposes, this device requires a single-phase voltage supply of 200 VAC to 240 VAC, with a voltage deviation tolerance spanning from -15% to +10%, including load-induced variances.

Designed to ensure reliability, it features a swift instantaneous power failure guarantee time of 3 milliseconds. The A06B-6124-H104 servo amplifier supports a power frequency of 50/60 Hz, with a minor tolerance of ± 1 Hz. This module can manage a single axis and has a rated output current of 9.1 A (rms), with the ability to handle a peak nominal current of 40 A.

Weighing 3.9 kg, the A06B-6124-H104 servo amplifier is environmentally tuned for a temperature range of 0 to 55°C during operation and can endure storage temperatures between -20°C and 60°C. Humidity levels should generally remain at or below 90% RH, ensuring condensation-free conditions. The operational vibration levels are limited to below 0.5G, providing stable and consistent performance in various operational settings.

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