

A06B-6096-H302

Industrial automation components

Manufacturer	Fanuc
Catalog number	a06b-6096-h302
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	3.63 kgs
Input Voltage	283-325 V
Output Voltage	230 V
L Axis Output Current	3.0 A
M Axis Output Current	3.0 A
N Axis Output Current	5.9 A
Motor Compatibility	Fanuc Alpha 1/3000, Alpha 2/2000, Alpha 2/3000, Alpha M2/3000, Alpha M2.5/3000, Alpha C3/2000, Alpha C6/2000
Form Factor	90 mm width
Weight	5.0 kg

Description

The Fanuc A06B-6096-H302 is a high-performance three-axis servo amplifier module designed for precision control in industrial automation systems. Manufactured by Fanuc, a leader in automation technology, this module is part of the Alpha series, specifically the SVM3-12/12/20 model, and utilizes the FSSB (Fanuc Serial Servo Bus) interface for efficient communication. It operates with an input voltage range of 283 to 325 volts and provides a maximum output voltage of 230 volts, making it suitable for various CNC applications. The module delivers rated output currents of 3.0 amps for the L and M axes, and 5.9 amps for the N axis, ensuring reliable performance across multiple axes. Key features include compatibility with Fanuc Alpha series motors, such as Alpha 1/3000, Alpha 2/2000, and Alpha 2/3000 for the L, M, and N axes, and Alpha M2/3000, Alpha M2.5/3000, Alpha C3/2000, and Alpha C6/2000 for the N axis. The module's design incorporates a compact form factor, with a width of 90mm, facilitating integration into existing systems. Additionally, it has a weight of approximately 5.0 kg, contributing to its robust construction. This servo amplifier module is ideal for applications requiring precise and efficient control of multiple axes, such as CNC machinery, robotics, and other automated systems. Its advanced features and reliable performance make it a valuable component for enhancing operational efficiency and precision in industrial automation.