Fanuc

DATA SHEET

A06B-6114-H304

Industrial automation components

Manufacturer	Fanuc
Catalog number	a06b-6114-h304
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	3.74 kgs
Weight	3.74 kg
Input Voltage Range	283–339 V AC
Power Rating	9.5 kW
Output Current (L Axis)	6.5 A
Output Current (M Axis)	6.5 A
Output Current (N Axis)	13 A
Channel Design	Dual-rated (20/20/40I)

Description

The Fanuc A06B-6114-H304 is a three-axis servo amplifier module from Fanuc's Alpha i series, designed for high-performance control in industrial automation applications. This module, identified by part number A06B-6114-H304, is engineered to drive three axes simultaneously, making it suitable for complex machinery requiring precise and synchronized motion control. It operates within an input voltage range of approximately 283 to 339 V AC and delivers a power output of around 9.5 kW, ensuring robust performance in demanding environments. The module features a dual-rated channel design (20/20/40I), optimizing its functionality across various operational scenarios. Each axis is capable of handling specific output currents: approximately 6.5 A for the L and M axes, and around 13 A for the N axis, accommodating a range of motor specifications. Built-in fault monitoring enhances system reliability by continuously monitoring for any faults or abnormalities, ensuring prompt detection and appropriate action. This feature safeguards both the module and the overall system, reducing the risk of downtime due to unexpected malfunctions. The A06B-6114-H304 is compatible with a range of other components and can be easily integrated into existing systems, facilitating straightforward installation and setup. Its advanced design ensures smooth and precise motion control, allowing for optimal operation of machinery. Whether operating heavy machinery or delicate equipment, the A06B-6114-H304 delivers consistent and accurate results, making it a reliable choice for industrial automation needs.