

A06B-6124-H104

Industrial automation components

Manufacturer	Fanuc
Catalog number	a06b-6124-h104
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	2.27 kgs
Manufacturer	Fanuc
Power	2.8
Cooling Capacity	2.8
Product Type	Module

Description

The Fanuc A06B-6124-H104 is a high-performance servo amplifier module from Fanuc's ALPHA i series, designed to provide precise control and reliable operation for industrial automation systems. This module is engineered to drive Fanuc's AI12/3000HV or AI12/4000HVi AC servo motors, making it suitable for applications requiring high-speed and high-precision motion control. The A06B-6124-H104 operates with 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. It features a rated output current of 9.1 A (rms) and can handle a peak nominal current of 40 A, ensuring robust performance under varying load conditions. The module is designed to operate in ambient temperatures between 0°C and 55°C, with storage temperatures ranging from -20°C to 60°C, and can withstand humidity levels up to 90% RH without condensation. Its compact design, measuring 60 mm in width, includes an external heatsink and an internal cooling fan, facilitating efficient heat dissipation during operation. The A06B-6124-H104 is equipped with a 1200V 100A transistor module, which is available separately for replacement purposes. This servo amplifier module is ideal for applications in CNC machining, robotics, and material handling, where precise motion control and reliability are paramount.