

A06B-6096-H208

Industrial automation components

Manufacturer	Fanuc
Catalog number	a06b-6096-h208
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	6.80 kgs
Voltage	230 V
Power	9.5 kW
Signal Level	230 V
Current	18.7 A
Cooling Capacity	9.5 kW
Product Type	Drive

Description

The Fanuc A06B-6096-H208 is a dual-axis Alpha series servo amplifier (SVM2-80/80) engineered for high-performance motion control in industrial CNC and automation systems. Designed to manage two servo motors simultaneously, it ensures precise torque, speed, and position control, making it ideal for demanding applications requiring reliable and efficient operation. The amplifier operates with an input voltage range of 283 to 325 V DC, delivering a maximum output voltage of 230 V AC. Each axis is capable of handling a rated output current of 18.7 A, supporting a power rating of 9.5 kW. This robust configuration allows for seamless integration into complex automation setups, providing the necessary power and control for sophisticated machinery. The A06B-6096-H208 features a Fiber Optic Serial Servo Bus (FSSB) interface, facilitating high-speed communication between the amplifier and connected devices. This interface enhances data transmission rates and reduces electromagnetic interference, contributing to the overall stability and performance of the system. Additionally, the amplifier is equipped with comprehensive protection mechanisms, including overcurrent, overvoltage, and overheating safeguards, ensuring operational safety and longevity. Its compact design, with dimensions of 380 mm in height, 380 mm in width, and 307 mm in depth, along with a weight of approximately 9.0 kg, allows for flexible installation in various industrial environments. The A06B-6096-H208 is CE approved, signifying compliance with European safety and environmental standards, and is manufactured in Japan, reflecting Fanuc's commitment to quality and precision engineering.