

A06B-6127-H202

Industrial automation components

Manufacturer	Fanuc
Catalog number	a06b-6127-h202
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	3.18 kgs
Current	3.1 A
Voltage	480 V
Product Type	Drive
Signal Level	480 V

Description

The Fanuc A06B-6127-H202 is a high-performance servo amplifier module from Fanuc's ALPHA i series, designed to provide precise and synchronized control for two independent servo motors simultaneously. Engineered for exceptional reliability and superior motion control, this module enhances productivity in demanding industrial automation and CNC machinery applications. It is compatible with Fanuc's Alpha i series servo motors, such as the Alpha iS and Alpha iM models, ensuring seamless integration and optimal performance. The A06B-6127-H202 operates with an input voltage of 200-230 VAC, 3-Phase, 50/60 Hz, and delivers a rated output current of 20 Amps per axis, accommodating various industrial requirements. Its digital servo control method ensures accurate and responsive operation, while built-in protection features—including overcurrent, overvoltage, undervoltage, overheat, IPM error, and motor overload—safeguard both the module and connected equipment. With a weight of approximately 7.5 kg (16.5 lbs) and dimensions of 18.5 x 33 x 11 cm, the A06B-6127-H202 is designed for easy integration into existing systems. It operates efficiently within a temperature range of 0 to 55°C (32 to 131°F) and utilizes forced air cooling with an integrated fan to maintain optimal performance. This servo amplifier module is ideal for applications requiring precise motion control and high reliability, such as manufacturing, automation, and robotics.