

A06B-6112-H015#H550

Industrial automation components

Manufacturer	Fanuc
Catalog number	a06b-6112-h015h550
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	4.99 kgs
Voltage	230 V
Cooling Capacity	17.5 kW
Relay Specifications	63 A
Current	63 A
Power	17.5 kW
Horsepower	17.5 KW
Product Type	Drive
Signal Type	230
Signal Level	230 V

Description

The Fanuc A06B-6112-H015#H550 is an ALPHA i Spindle Amplifier Module Model SPM-15i, designed for high-precision spindle control in CNC applications. This module operates at a rated input of 17.5 kW and delivers a maximum output of 63 A at 200 VAC, ensuring efficient and reliable spindle performance. It features a compact design with fiber optic communication for reduced wiring and easy maintenance, including the ability to replace cooling fans without disassembling the unit. The module utilizes power source regeneration technology to return regeneration energy of the motor to the power source, significantly reducing power consumption compared to resistor regeneration. Additionally, it offers high mechanical precision and low vibration, making it suitable for direct connection to spindles, achieving high mechanical precision and low vibration (V3). The A06B-6112-H015#H550 is compatible with Fanuc's JYA4 connection for high-resolution spindle feedback sensors, such as the alpha i-BZ sensors, enhancing spindle performance and accuracy. This module is ideal for applications requiring precise spindle control, including advanced machining, CNC milling, and other high-precision manufacturing processes.