# Fanuc

DATA SHEET

# A06B-6111-H022#H550

Industrial automation components

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|---|---|
| **Manufacturer** | Fanuc |
| **Catalog number** | a06b-6111-h022h550 |
| **Category** | Industrial automation components |
| **Product type** | Industrial automation components |
| **Status** | Active product |

## Technical specification

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|---|---|
| **Weight** | 9.94 kgs |
| **Signal Type** | 339 |
| **Signal Level** | 339 V |
| **Voltage** | 283 - 339 V |
| **Current** | 95 A |
| **Frequency** | 50 - 60 Hz |
| **Product Type** | Drive |
| **Relay Specifications** | 339 VAC |

## Description

The Fanuc A06B-6111-H022#H550 is a high-performance spindle amplifier module designed for precision control in industrial applications. This module is part of Fanuc's ALPHA i series, specifically engineered to drive α-i spindle motors, ensuring smooth operation and stable output under varying load conditions. It delivers a maximum output power of 25.2 kW, with a rated output current of 48 Amps, making it suitable for demanding spindle tasks. The input voltage range is 283-339 VDC, with an input frequency of 50/60 Hz, providing flexibility for different power sources. The output voltage ranges from 200-240 VAC, accommodating various connected equipment. The module supports an adjustable output frequency from 0 to 600 Hz (50 Hz input) or 0 to 720 Hz (60 Hz input), with precise increments of 0.01 Hz, allowing fine-tuned performance adjustments. Designed for durability, it operates within an ambient temperature range of 0°C to 55°C. The module's compact design, with a width of 150 mm, facilitates easy integration into existing systems. This spindle amplifier module is ideal for applications requiring high precision and reliability, such as CNC machines and other automated machinery.