

## A06B-6111-H011#H550

Industrial automation components

<b>Manufacturer</b>	Fanuc
<b>Catalog number</b>	a06b-6111-h011h550
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	5.46 kgs
<b>Input Voltage Range</b>	283–339 VDC
<b>Output Voltage</b>	240 VAC
<b>Rated Output Current</b>	48 A
<b>Rated Output Power</b>	11 kW
<b>Maximum Output Power</b>	55 kW
<b>Dimensions</b>	380 x 310 x 170 mm
<b>Weight</b>	6.3 kg
<b>Shaft Type</b>	Tapered (TPR), Slick (SLK), Keyed (Key)
<b>Encoder Type</b>	Incremental (INC)

### Description

The Fanuc A06B-6111-H011#H550 is a high-performance spindle amplifier module from Fanuc's ALPHA i series, designed to enhance the efficiency and precision of industrial CNC machines and machining centers. This module accepts an input voltage range of 283–339 VDC and delivers a stable output of 240 VAC, with a rated output current of 48 A, providing a rated output power of 11 kW and a maximum output power of 55 kW. Its compact dimensions of 380 x 310 x 170 mm and weight of approximately 6.3 kg make it suitable for integration into various machine tool configurations. The module features a tapered shaft (TPR) for stable rotation, a slick shaft (SLK) design to reduce friction, a brake (BRK) for effective control, and a keyed shaft (Key) to ensure optimal power transmission. Additionally, it includes an incremental encoder (INC) for precise speed and position feedback, facilitating accurate spindle control. Designed for straightforward integration, the A06B-6111-H011#H550 is ideal for medium-duty spindle motors, ensuring consistent rotational performance and reliability in demanding industrial applications.