

## A06B-6117-H302

Industrial automation components

<b>Manufacturer</b>	Fanuc
<b>Catalog number</b>	a06b-6117-h302
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	2.27 kgs
<b>Input Voltage</b>	283-339 VDC
<b>Output Voltage</b>	200-240 VAC
<b>Output Current per Axis</b>	3 A
<b>Output Frequency Range</b>	0.1 - 800 Hz
<b>Ambient Temperature Range</b>	0°C to 55°C
<b>Ambient Humidity Range</b>	Up to 90% RH (non-condensing) % RH
<b>Compatible Motors</b>	Fanuc $\alpha$ 2/5000 through $\alpha$ 4/3000i AC Servo Motors

### Description

The Fanuc A06B-6117-H302 is a high-performance three-axis servo amplifier module from Fanuc's ALPHA i series, designed to provide precise motion control in industrial automation applications. This module is engineered to drive three independent servo axes simultaneously, making it ideal for complex machining operations and multi-axis robotic applications. It operates with an input voltage range of 283-339 VDC and delivers an output voltage of 200-240 VAC, with each axis capable of supplying up to 3 A of current. The module supports an output frequency range from 0.1 to 800 Hz, ensuring versatility across various applications. With a compact design measuring 60 mm in width, the A06B-6117-H302 integrates an internal heatsink and cooling fans, facilitating efficient thermal management and reducing the need for external cooling solutions. It is compatible with Fanuc's  $\alpha$ 2/5000 through  $\alpha$ 4/3000i AC servo motors, ensuring seamless integration into existing systems. The module is also designed to operate effectively in ambient temperatures ranging from 0°C to 55°C, with a maximum humidity of 90% RH (non-condensing), making it suitable for diverse industrial environments. Whether you're enhancing productivity, improving accuracy, or streamlining processes, the A06B-6117-H302 offers the reliability and performance required for modern industrial automation.