

## A06B-6152-H030#H580

Industrial automation components

<b>Manufacturer</b>	Fanuc
<b>Catalog number</b>	a06b-6152-h030h580
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	9.07 kgs
<b>Weight</b>	10 kg
<b>Input Voltage</b>	400 V AC
<b>Model</b>	AISP-30HV
<b>Product Series</b>	ALPHA i
<b>Model Number</b>	A06B-6152-H030#H580
<b>Product Type</b>	Spindle Amplifier Module

### Description

The Fanuc A06B-6152-H030#H580 is a high-performance spindle amplifier module from Fanuc's ALPHA i series, specifically designed for precision CNC machining centers requiring robust spindle control, efficient energy use, and high-speed performance. This module supports the AISP-30HV model and belongs to the Type B2 configuration, delivering outstanding torque and speed regulation to ensure optimal performance across various spindle motor applications. It ensures smooth operation, minimal vibration, and consistent power delivery even under high mechanical loads, making it ideal for milling, turning, or grinding machines. The A06B-6152-H030#H580 employs advanced diagnostic capabilities and protection features that prevent overheating, overcurrent, and voltage anomalies, safeguarding both the spindle motor and surrounding system components. Integrated energy regeneration helps reduce power consumption, supporting more sustainable operation and lowering overall operating costs. The amplifier's compact, modular design supports seamless integration into various machine tool architectures, allowing quick mounting, straightforward cabling, and compatibility with Fanuc CNC systems, ensuring minimal downtime during installation or servicing. Its design allows quick mounting, straightforward cabling, and compatibility with Fanuc CNC systems, ensuring minimal downtime during installation or servicing.