

## A06B-6290-H206

Industrial automation components

<b>Manufacturer</b>	Fanuc
<b>Catalog number</b>	a06b-6290-h206
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	4.99 kgs
<b>Current</b>	6.5 A
<b>Product Type</b>	Drive
<b>Voltage</b>	537 - 679 V
<b>Measurement Range</b>	537 - 679
<b>Signal Level</b>	679 V
<b>Relay Specifications</b>	5 A

### Description

The Fanuc A06B-6290-H206 is a high-performance servo amplifier module designed for precise motion control in industrial automation applications. Operating within a 3-phase input voltage range of 537 to 679 V AC, it delivers a continuous output current of 6.5 A, with a peak capacity of 11.5 A, ensuring reliable performance across various environments. This module is part of Fanuc's ALPHA series, specifically the ISV 20/40HV-B model, and is engineered to integrate seamlessly with Fanuc's servo control systems, providing smooth and responsive motion control for machinery. Its compact, robust construction and powerful current ratings make it ideal for applications requiring high-speed and high-accuracy positioning, such as CNC machines, robotics, and automated manufacturing systems. The A06B-6290-H206 features a flange mount design for straightforward installation and is equipped with an incremental encoder for accurate positioning and feedback. Designed for longevity in harsh manufacturing environments, it utilizes industrial-grade components and features a rugged housing that resists heat, dust, and vibration. The internal thermal management system ensures consistent operation under load, while intelligent fault protection prevents damage from overcurrent, overvoltage, or overheating. This durability and long-term part availability make the A06B-6290-H206 a dependable solution for critical automation needs.