

A06B-6290-H105

Industrial automation components

Manufacturer	Fanuc
Catalog number	a06b-6290-h105
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	4.40 kgs
Input Voltage	537–679 V DC
Output Voltage	480 V AC
Output Current per Axis	22.5 A
Frequency Range	0–550 Hz
Weight	5.0 kg

Description

The Fanuc A06B-6290-H105 is a high-performance servo amplifier module from Fanuc's ALPHA iSV 80HV series, designed for precise and high-speed motion control in industrial automation applications. This module is engineered to integrate seamlessly with Fanuc's CNC systems, providing reliable and efficient servo control for various machinery. Key features include a rated input of 537–679 V DC at 19.5 A, with a maximum output voltage of 480 V AC. It delivers a rated output of 400 V AC three-phase power at 22.5 A per axis, supporting frequencies from 0 Hz to 550 Hz. The module has a weight of 5.0 kg, ensuring a compact and robust design suitable for demanding industrial environments. The A06B-6290-H105 is part of Fanuc's ALPHA iSV 80HV series, known for its advanced features and reliable performance in servo amplification. This module is ideal for applications requiring precise motion control and high-speed operation, such as CNC milling, advanced machining, and commodity production. Its design ensures compatibility with Fanuc's CNC systems, making it a valuable component for enhancing the performance and efficiency of industrial machinery.