

A06B-6290-H209

Industrial automation components

Manufacturer	Fanuc
Catalog number	a06b-6290-h209
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	7.71 kgs
Input Voltage	537-679 V DC
Output Voltage	400 V AC (rated), 480 V AC (max)
Output Current per Axis	22.5 A
Frequency Range	0-550 Hz
Dimensions	378 mm x 58 mm x 168 mm
Weight	5.5 kg
Operating Temperature Range	0°C to 55°C
Cooling Method	Forced air cooling
Compatible Servo Motors	Fanuc Alpha i series (AiS, AiF, AiP)

Description

The Fanuc A06B-6290-H209 is a dual-axis servo amplifier module from Fanuc's Alpha iSV 80/80HV-B series, engineered for precise motion control in industrial CNC systems. Designed to handle advanced motion control applications, this module ensures synchronized control of two servo axes, making it ideal for multi-axis configurations in machining centers and automation cells. It accepts a DC input voltage ranging from 537 to 679 V and delivers a rated output of 400 V AC to each axis, with a maximum output voltage of 480 V AC. The module operates efficiently within a frequency range of 0 to 550 Hz, accommodating various motor speed requirements. Each axis is capable of delivering a rated output current of 22.5 A, ensuring reliable performance under demanding conditions. The A06B-6290-H209 is built to withstand industrial environments, featuring forced air cooling and an operating temperature range from 0°C to 55°C. Its compact dimensions (378 mm in length, 58 mm in width, and 168 mm in height) and weight of approximately 5.5 kg make it suitable for integration into standard control cabinets. This servo amplifier module is compatible with Fanuc's Alpha i series servo motors, including AiS, AiF, and AiP models, ensuring seamless integration and optimal performance. Whether you're upgrading an existing setup or building a new system, the A06B-6290-H209 offers a reliable and efficient solution for your motion control needs.