

FANUC A06B-6290-H209 Manual

Brand	FANUC
Product Series	FANUC
Product Type	-

Description

The FANUC A06B-6290-H209 is a high-performance servo amplifier module tailored for precise control applications. It supports a voltage output range of 400 to 480 VAC and delivers stable performance under varying conditions. Its dimensions are 378 mm in length, 58 mm in width, and 168 mm in height, weighing 5.5 kg (12.12 lbs.).

Technical specifications for A06B-6290-H209

Manufacturer FANUC

Product Line A06B

Part Number A06B-6290-H209

Weight 20.00 lbs (9.07 kg)

Product Servo Amplifier Module

Output Voltage 400-480 VAC

Ambient Operating Temperature 0°C to 55°C

Rated Output Current 22.5A (L-axis), 22.5A (M-axis)

Output Frequency Range 0 - 550 Hz

Input Voltage 565-679 VDC

Rated Input Current 33.5A at 585V

Input Frequency 50/60 Hz

Number of Phases 3-phase

Description

The FANUC A06B-6290-H209 servo amplifier module is engineered for advanced motion control applications. It provides an output voltage that ranges from 400 VAC to 480 VAC, ensuring compatibility with a wide array of servo motors and drives. Designed to operate efficiently in environments ranging from 0°C to 55°C, this unit is suited for both standard and demanding conditions.

The module is rated to deliver output currents of 22.5A for both the L-axis and M-axis, allowing it to manage substantial loads effectively. It can handle output frequencies from 0 to 550 Hz, which provides flexibility for various motor speed requirements.

Regarding electrical specifications, the input voltage ranges from 565 VDC to 679 VDC, with a rated input current measuring 33.5A at 585V. The input frequency is compatible with both 50 and 60 Hz systems, which makes it versatile for different installations.

This module weighs 5.5 kg (12.12 lbs.) and measures 378 mm in length, 58 mm in width, and 168 mm in height. It employs a 3-phase design for enhanced performance and energy efficiency, making it suitable for modern manufacturing and automation needs.

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