A06B-6290-H103

Industrial automation components

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Manufacturer	Fanuc
Catalog number	a06b-6290-h103
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Input Voltage	537-679V
Output Voltage	400V
Output Current	6.5A
Axis	1 axis
Series	Alpha I Servo (αiSV) 20HV-B series
Dimensions	38 cm x 6 cm x 17.2 cm
Weight	4 kg

Description

The Fanuc A06B-6290-H103 is a high-performance servo amplifier module from Fanuc's Alpha I Servo (αiSV) series, specifically the 20HV-B model. Designed for precise control in industrial automation systems, this module ensures efficient operation of servo motors in various applications.

It features a compact design, utilizing a low-loss power device and an efficient radiator to minimize space and energy consumption. The αiSV-B series amplifiers are known for their energy-saving capabilities, including standard power regeneration across all models.

The A06B-6290-H103 operates with an input voltage of 537-679V and provides an output of 400V~ 1x6.5A for the L axis. Its modular structure allows for easy integration and maintenance, with connectors attached to input and motor power lines to simplify replacements.

The module also includes a built-in backup capacitor in the Absolute Pulsecoder, enabling absolute position detection for approximately 10 minutes, eliminating the need for reference position return after certain replacements.

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This servo amplifier module is ideal for applications requiring reliable and precise servo motor control, such as CNC machines and robotic systems.

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