Fanuc

DATA SHEET

A06B-6088-H222#H500

Industrial automation components

Manufacturer	Fanuc
Catalog number	a06b-6088-h222h500
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	10.89 kgs
Voltage	200 - 230 V
Frequency	50 - 60 Hz
Product Type	Drive
Signal Type	230
Signal Level	230 V
Relay Specifications	230 VAC

Description

The Fanuc A06B-6088-H222#H500 is a high-performance spindle amplifier module designed for advanced CNC systems. Manufactured by Fanuc, this module is part of the Alpha Series and is specifically engineered to drive Fanuc's Alpha 15, Alpha 18, Alpha P22, and Alpha P30 AC spindle motors. It ensures precise and efficient control in various machining applications, enhancing the performance and reliability of CNC machinery. Key specifications include a rated input voltage of 283-339 V, a power rating of 25.2 kW, and a maximum output voltage of 230 V. The module delivers a rated output current of 95 A, accommodating the power requirements of high-performance spindle motors. Its compact dimensions (310 mm in height, 380 mm in length, and 150 mm in width) and weight of 13 kg facilitate easy integration into existing CNC systems. The module operates effectively within a frequency range of 50-60 Hz and is air-cooled, ensuring optimal performance under various operating conditions. For maintenance and troubleshooting, the module is equipped with diagnostic features, including multiple alarm indicators for motor overheat, speed deviation, fuse issues, and more. These features aid in the prompt identification and resolution of potential issues, minimizing downtime and maintaining operational efficiency. In summary, the Fanuc A06B-6088-H222#H500 spindle amplifier module is a critical component for CNC systems, offering robust performance, precise control, and reliable operation for advanced machining processes.