

## A06B-6096-H301

Industrial automation components

|                       |                                  |
|-----------------------|----------------------------------|
| <b>Manufacturer</b>   | Fanuc                            |
| <b>Catalog number</b> | a06b-6096-h301                   |
| <b>Category</b>       | Industrial automation components |
| <b>Product type</b>   | Industrial automation components |
| <b>Status</b>         | Active product                   |

### Technical specification

|                                |   |
|--------------------------------|---|
| <b>Weight</b>                  | 1.65 kgs                                  |
| <b>Input Voltage</b>           | 283-325V                                  |
| <b>Output Voltage</b>          | 230V~ V                                   |
| <b>Output Current per Axis</b> | 3.0A                                      |
| <b>Motor Compatibility</b>     | Fanuc Alpha 1/3000, 2/2000, 2/3000 models |
| <b>Interface</b>               | FSSB                                      |
| <b>Cooling Method</b>          | Built-in fan                              |
| <b>Dimensions</b>              | 90mm width mm                             |
| <b>Weight</b>                  | 6.0 kg                                    |

### Description

The Fanuc A06B-6096-H301 is a high-performance three-axis servo amplifier module designed for precise motion control in industrial automation applications. Manufactured by Fanuc, a leader in automation technology, this module is part of the Alpha series, known for its reliability and efficiency. The A06B-6096-H301 is engineered to control up to three servo motors simultaneously, making it ideal for complex machinery requiring synchronized movements. It features a robust design with a built-in fan for effective cooling, ensuring optimal performance during continuous operation. The module operates with an input voltage range of 283-325V and delivers a maximum output voltage of 230V~, with a rated output current of 3.0A per axis (L, M, N axes). This configuration supports Fanuc Alpha series motors, including models 1/3000, 2/2000, and 2/3000, providing versatility in motor compatibility. The A06B-6096-H301 utilizes the FSSB (Fanuc Serial Servo Bus) interface, facilitating seamless communication with Fanuc CNC controllers. Its compact design allows for easy integration into existing systems, optimizing space and reducing installation time. This servo amplifier module is suitable for a wide range of applications, including CNC machines, robotics, and other automated systems requiring precise and reliable motion control.