

# YASKAWA

# GA501

INDUSTRIAL AC MICRODRIVE  
WITH EMBEDDED ETHERNET

IT'S PERSONAL



## *Ethernet-Ready, Out of the Box*

With embedded dual-port Ethernet and support for all major industrial Ethernet protocols, the GA501 eliminates extra hardware, reduces installation time, and simplifies system design.



EtherNet/IP™

PROFINET®

Modbus  
TCP/IP

EtherCAT®

ASHRAE BACnet®  
IP

MECHATROLINK

# CONVENIENCE THAT SIMPLIFIES YOUR SYSTEM

Designed for long-term reliability, the GA501 industrial AC microdrive is easy to install, connect, and commission. Its flexible design supports a wide range of motors, networks, and applications, allowing a single drive platform to be used across systems. Built-in connectivity and installer-friendly features help reduce setup time and simplify system integration.



**Display** ..... Easy-to-read LED display.

**Keypad** ..... Multi-directional buttons to help you intuitively navigate through drive menus and parameters. Tactile feel of the buttons lets you know when you've pressed a button.

**Parameter Backup / Copy** ..... Removable keypad allows you to back up and copy parameters to other drives.

**EMBEDDED DUAL-PORT ETHERNET** ..... Ready for modern network topologies, such as linear and Device Level Ring (DLR), to reduce network wiring and complexity.

**Power Range**  
• 240 VAC, Single-Phase: 1/6 – 5 HP  
• 240 VAC, Three-Phase: 1/6 – 30 HP  
• 480 VAC, Three-Phase: 1/2 – 40 HP

**USB Port**  
Easily connect your PC or mobile device to program the drive with or without power.

**LED Status Ring**  
You can determine the drive status with a quick glance at the LED status ring and know the GA501 is ready and operating.

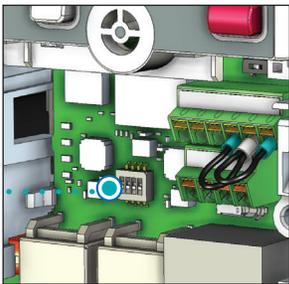
**Finger Safe Terminals**  
Easily access terminals to make the wiring process faster and easier. No need to remove the cover.

**Simple Protocol Selection**  
Quickly select the required Ethernet protocol via an onboard DIP switch.

**WARNING** Risk of electric shock.  
Read the manual before installing. Wait 5 minutes for capacitor discharge after removing power after opening the manual switch between the drive and motor.

**AVERTISSEMENT** Risque de choc électrique.  
Lire le manuel avant l'installation. Attendre 5 minutes après avoir coupé l'alimentation et déconnecté la protection entre le drive et le moteur pour permettre la décharge des condensateurs.

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