

# A510

## HEAVY DUTY



EFFECTIVE: 11-17-14  
EXPIRES: UFN

**A versatile AC Drive that can control today's demanding motor driven applications, this highly flexible drive has multiple control modes.**

### APPLICATIONS:

- Mixing
- Conveyors
- Packaging Machines
- Machine Tools
- Fans
- Compressors
- Pumps (Centrifugal, Positive Displacement, Metering, etc.)
- Extrusion and Injection Molding
- Winders / Unwinders
- Crushers/Grinders
- Crane / Hoist

### FEATURES:

- Control Modes for V/F, V/F with PG feedback, Sensorless Vector, and Closed Loop Vector
- Simple PLC Function Built-in
- Advanced Regenerative Load Handling Capability
- 1 to 100 HP (CT), 230V, 50/ 60Hz, 3-Phase
- 1 to 125 HP (VT), 230V, 50/ 60Hz, 3-Phase
- 1 to 150 HP (CT), 460V, 50/ 60Hz, 3-Phase
- 1 to 200 HP (VT), 460V, 50/ 60Hz, 3-Phase
- Conformal Coating on PC Boards
- LCD Keypad that is remotely mountable
- Flexible Input/ Output Configurations that accept Normally Open or Normally Closed Signals
- 0 to 400 Hz Speed Range (0-1200Hz selectable)
- PID Control
- Diagnostics Registers for Troubleshooting
- Built-in RS485 Communications (Modbus)
- Enhanced Design for Smoother and Quiet Motor Operation
- Pulse Output and Pulse Follower
- Select Between Closed Loop Speed and Torque Control in Vector Mode
- 1-40HP Nema 1 230V 50HP & above Protected Chassis, 1-60HP Nema 1 460V & 75HP and above Protected Chassis
- UL, cUL, and CE Approved