

# A510

## HEAVY DUTY



Effective 05-01-13  
Supersedes 08-01-11



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

### APPLICATIONS:

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

### 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 Incorporate 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
- 1-40 hp NEMA 1 230V 50 hp & above Protected Chassis, 1-60 hp NEMA 1 460V & 75 hp & above Protected Chassis
- UL, cUL, and CE Approved