

A510

HEAVY DUTY



Effective 06-14-15
Supersedes 05-01-13



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

APPLICATIONS:

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

FEATURES:

- Control Modes for V/F, V/F with PG Feedback, Sensorless Vector, Closed Loop Vector, and PMSLV
- 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 200 HP (CT), 460V, 50/ 60Hz, 3-Phase
- 1 to 250 HP (VT), 460V, 50/ 60Hz, 3-Phase
- 1 to 10 HP (CT/VT), 575V, 50/ 60Hz, 3-Phase
- 15 to 250 HP (CT), 690V, 50/ 60Hz, 3-Phase
- 15 to 270 HP (VT), 690V, 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 599 Hz Speed Range
- PID Control
- Diagnostics Registers for Troubleshooting
- Built-in RS485 Modbus Protocol
- Enhanced Design for Quiet Motor Operation
- Dedicated Pulse Output and Pulse Follower Signals
- Select Between Closed-Loop Speed and Torque Control in Vector Mode
- 1-40 HP NEMA 1 230V, 50 HP and Above Protected Chassis, 1-60 HP NEMA 1 460V, 75 HP and Above Protected Chassis
- 1-10 HP NEMA 1 575V, 15-60 HP NEMA 1 690V, 75 HP and Above Protected Chassis
- UL, cUL, and CE approved