

E510 NEMA 4/12

MEDIUM 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 and built-in PLC functionality.

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 | ■ Crane / Hoist |
| ■ Compressors | ■ Packaging Machines |

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 Modbus protocol via (RS485 or RJ45 interface)
- 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