

## L510 MEDIUM DUTY ADVANCED MICRO DRIVE

**FEATURES** - Compact, low cost, versatile, easy to program, ideal for OEM's. For fans, pumps, mixers, treadmills, food & beverage industry, machine tools and packaging machinery.

- Chassis Style Enclosure (IP20)
- .25 to 1 HP, 115V, 1 Phase in, 0-230V, 3 Phase out, 50/60Hz
- .25 to 3 HP, 230V, 1 Phase in, 0-230V, 3 Phase out, 50/60Hz
- .50 to 3 HP, 230V, 3 Phase in, 0-230V, 3 Phase out, 50/60Hz
- 1 to 3 HP, 460V, 3 Phase in, 0-460V, 3 Phase out, 50/60Hz
- Sensorless Vector or V/Hz with Auto Torque Boost Feature
- Extensive Diagnostic and Monitoring Capabilities
- Din Rail Option
- PID Control
- 8 Preset Speeds
- Two Multi-Function Analog Inputs/ One Analog Output
- Built-in Modbus or BACnet Protocol via RJ 45 Interface



L510

## A510 HEAVY DUTY AC DRIVE

**FEATURES** - Capable of controlling today's demanding motor driven applications such as: Compressors (high starting torque, sensorless vector), Metals Processing (industrial saws, punch press, fastener manufacturing), Machine Tool (grinding, milling, lathes), Plastics & Rubber (extruders), Cranes, Hoists & Material Handling (four quadrant operation, regen, high torques, high braking, precise control)

- NEMA 1 Enclosure
- 1 to 100 HP (CT), 1 to 125 HP (VT), 230V, 50/60Hz, 3 Phase
- 1 to 200 HP (CT), 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), 15 to 270 HP (VT) 690V, 50/60Hz, 3 Phase
- Control modes for V/F, V/F w/ PG feedback, Sensorless Vector & Closed Loop Vector
- Simple PLC Function Built-in
- Advanced Regenerative Load Handling Capability
- Conformal Coating on PC Boards
- Remotely Mountable LCD Keypad
- Flexible Input/Output Configurations Accept NO or NC Signals
- 0 to 599 Hz Speed Range
- PID Control
- Diagnostic Registers for Troubleshooting
- Built-in RS485 Modbus Protocol
- Enhanced Design for Quiet Motor Operation
- Pulse Output and Pulse Follower
- Select Between Closed Loop and Torque Control in Vector Mode



A510

**AG-I Can Also Provide the Following TECO Drives/Options:**

- E510, F510, SP2000 VFDs and Combination HVAC VFD/Starter Controls (Leadtime varies)
- A full line of accessories to meet your application requirements
- Line/Load Reactors, dV/dT Filters, Braking Resistors, Sine Wave Filters, Matrix Filters

**CONTACT AG-I MOTORTEC INC. FOR PRICING / DELIVERY INFORMATION**

TECO Westinghouse drives approvals:   

## TECO DRIVES - HP/AMP RATINGS, LIST PRICING

### MODEL L510 IP20

HP	115V 1-Phase (Only)			230V 1-Phase (Only)			230V 3-Phase			460V 3-Phase		
	Catalogue Number	Max Amps	List	Catalogue Number	Max Amps	List	Catalogue Number	Max Amps	List	Catalogue Number	Max Amps	List
.25	L510-1P2-H1-U	1.8	335	L510-2P2-H1-U	1.8	316						
.5	L510-1P5-H1-U	2.6	344	L510-2P5-H1-U	2.6	332	L510-2P5-H3-U	2.6	332			
1	L510-101-H1-U	4.3	371	L510-201-H1-U	4.3	339	L510-201-H3-U	4.3	339	L510-401-H3-U	2.3	471
2				L510-202-H1-U	7.5	466	L510-202-H3-U	7.5	459	L510-402-H3-U	3.8	518
3				L510-203-H1-U	10.5	599	L510-203-H3-U	10.5	511	L510-403-H3-U	5.2	626

### MODEL A510 NEMA 1 ENCLOSURE

HP	230V 1-Phase & 3-Phase			230V 3-Phase			460V 3-Phase			575/(690*)V 3-Phase		
	Catalogue Number	Max Amps	List	Catalogue Number	Max Amps	List	Catalogue Number	Max Amps	List	Catalogue Number	Max Amps	List
1	A510-2001-C-U	5	745				A510-4001-C3-U	3.4	769	A510-5001-C3-U	1.7	1176
2	A510-2002-C-U	8	781				A510-4002-C3-U	4.2	805	A510-5002-C3-U	3	1275
3	A510-2003-C-U	11	961				A510-4003-C3-U	5.5	973	A510-5003-C3-U	4.2	1356
5				A510-2005-C3-U	17.5	1009	A510-4005-C3-U	9.2	1081	A510-5005-C3-U	6.6	1435
7.5				A510-2008-C3-U	25	1465	A510-4008-C3-U	14.8	1573	A510-5008-C3-U	9.9	1515
10				A510-2010-C3-U	33	1586	A510-4010-C3-U	18	1688	A510-5010-C3-U	11.4	1594
15				A510-2015-C3-U	47	2101	A510-4015-C3-U	24	2161	A510-6020-C3-U*	19	2591
20				A510-2020-C3-U	60	2461	A510-4020-C3-U	31	2581	A510-6025-C3-U*	22	3328
25				A510-2025-C3-U	73	3038	A510-4025-C3-U	39	3218	A510-6030-C3-U*	34	3468
30				A510-2030-C3-U	85	4699	A510-4030-C3-U	45	3422	A510-6040-C3-U*	42	4385

### A510 NEMA 1

HP	690V 3-Phase		
	Catalogue Number	Max Amps	List
15	A510-6015-C3-U	15	2312
20	A510-6020-C3-U	19	2591
25	A510-6025-C3-U	22	3328
30	A510-6030-C3-U	27	3468
40	A510-6040-C3-U	34	4385
50	A510-6050-C3-U	42	5381
60	A510-6050-C3-U	54	6577
75	A510-6075-C3-U	62	7374

### ALSO AVAILABLE FROM AG-I / TECO

- A510 IP20 Drives rated from:
- 50HP through 100HP, 230 Volt
  - 125HP through 200HP, 460 Volt
  - 75HP through 200HP, 575 Volt
  - 100HP through 250HP, 690 Volt
  - NEMA 1 Kits for all ratings



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