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Find the *Rockwell / Allen-Bradley 2098-DSD-HV150X-DN* at our website: *Click HERE*

Rockwell Automation

INTEGRATED MOTION CONTROL
Servo Drives



Ultra3000

The Ultra™ 3000 family provides one global solution through its complete set of servo drive products ranging from simple standalone indexing applications to multi-axis integrated motion. Ranging from 110V to 460V power input, these high-performance, digital servo drives meet global voltage requirements and provide flexibility to perform in a variety of machine control architectures. In addition, the Ultra3000 drive is integrated with the ControlLogix platform via SERCOS interface for integrated motion. The Ultra3000i digital servo drive with indexing adds basic stand-alone control capability to the Ultra3000 feature set.

The Ultra3000 family is currently available from 7.5A to 150A peak current in the 230V platform and 14A to 94A peak current in the 460V platform. Additionally, all power sizes are available with indexing, SERCOS interface and DeviceNet networking options.

Benefits

- The Ultra3000 provides a global solution to meet all customer needs.
- The Ultra3000 provides simple integration into Allen-Bradley machine control architectures. It accepts analog 0-10V, step/direction and master follower command sources along with SERCOS interface and DeviceNet connectivity across the entire Ultra3000 family.
- The SERCOS interface provides seamless integration into the ControlLogix platform for multi-axis integrated motion (Kinetix). RSLogix 5000 is the only software program required for both sequential and motion control.
- Optimized motor/drive combinations are available for each application. The Ultra3000 can operate a wide variety of brushless servo motors, including the Allen-Bradley Y-, LD-, N-, H-, F-, and W-series and 1326AB motors along with linear and third-party motors.
- The Ultra3000 supports high resolution feedback encoders for improved system performance.
- To eliminate costly and time-consuming machine homing cycles, the Ultra3000 has built-in support for multi-turn absolute encoders or an option to supply external logic power to maintain position during power loss.
- Ultraware software is a powerful commissioning and diagnostic tool designed to increase your productivity by optimizing your system's performance quickly and easily.
- The Ultra3000 incorporates application proven designs, tested individually and within overall architectures, to provide world class reliability and increase your machine productivity.
- The Ultra3000 can reduce cost and components. Using the Ultra3000i's built in indexing capability can eliminate the need for a motion controller or PLC card for point-to-point positioning moves.

Features

- 100-480V AC options, single and three-phase input
- SERCOS interface or DeviceNet connectivity options
- 7.5A to 150A peak current capability
- Standard high-density D-Shell connectors
- Field programmable flash memory firmware storage
- Seven segment LED for status and error codes
- Eight selectable general purpose inputs
- Four selectable general purpose outputs and relay output
- Serial port for RS-232/RS-485 communications
- CE compliance and UL listed to U.S. and Canadian safety standards

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Power Ranges

	230V AC	460V AC
Continuous Output Power	0.5 - 15kW	3 - 22kW
Continuous Output Current	2.5 - 65 Amps	7 - 47 Amps
Peak Output Current	7.5 - 150 Amps	14 - 94 Amps

Ultra3000 with MP-, F- or 1326AB Motor Performance Range

- MP-Series
- F-Series
- 1326AB

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