



Ultra3000™ Digital Servo Drives with SERCOS™ Interface Firmware Release v1.30

**(Catalog Numbers: 2098-DSD-005-SE 2098-DSD-HV030-SE
2098-DSD-010-SE 2098-DSD-HV050-SE
2098-DSD-020-SE 2098-DSD-HV100-SE
2098-DSD-030-SE 2098-DSD-HV150-SE
2098-DSD-075-SE 2098-DSD-HV220-SE)
2098-DSD-150-SE**

Introduction

This release note corresponds to firmware revision 1.30 of Ultra3000 drives with SERCOS.

Enhancement

This revision is an updated firmware release for the SERCOS interface.

Restrictions

The following restrictions are applicable to using RSLogix 5000™ in conjunction with a 1756-M08SE 8-Axis or a 1756-M16SE 16-Axis servo module with the Ultra3000 drive:

- Windowed Registration is not supported. If Windowed Registration is enabled in the MAR instruction, the instruction will not complete.
- Friction Torque Compensation is not supported, and adjusting the value in the Offset tab of the Manual Tune screen will have no effect. Future versions of the firmware may support this parameter, so the setting should be left at the default value of 0.0%.
- Velocity Droop is not supported, and adjusting the value in the Custom Gain Attributes screen will have no effect.

- The following Real Time Axis Information attributes, accessible in the Drive tab of the Axis Properties screen, are not supported:
 - Position Int. Error
 - Velocity Int. Error
 - Accel. Command
 - Accel. Feedback
 - Bus Regulator Capacity
 - Power Capacity

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