



PCI 16 Axis SERCOS interface™ Card Firmware v13.6 Release Note

Cat. No. 1784-PM16SE

Introduction

This release note corresponds to revision 13.6 of the PCI 16 Axis SERCOS interface™ card. To use this firmware version, update your system as follows:

Update this software or firmware	Catalog Numbers:	Revision
RSLogix5000™ Software	9324-RLD300ENE 9324-RLD600ENE 9324-RLD700NXENE	13
SoftLogix5800™ Software	1789-L30 1789-L60	13

Enhancements:

The following enhancements have been made to the firmware:

- RSLinx RSWho browsing support for RA drives on the SERCOS interface link.
- Eliminated repetitive SERCOS interface ring scanning when module is not in a Logix processor's I/O configuration space.
- Support for RA drives with Auxiliary Axis capability.
- Support to direct a drive, at configuration, to ignore its Enable Input.
- Supports Continuous Torque Limit control in a drive.
- Supports the Kinetix6000™ Resistive Brake Module.
- Support Physical Test Mode to aid in troubleshooting issues with fiber optic media integrity. See publication *Fiber Optic Cable Installation and Handling Instructions* (2090-IN010A-EN-P) for more information on this topic.

Corrections

This revision includes the following corrections:

- “Duplicate Node” error reporting operational when error is reported by SERCOS drives Verify that all drives on the SERCOS interface link support this functionality. **(See the Attention statement in the Restriction Section for important information about selecting SERCOS interface device address.)** The error can be viewed when on-line with RSLogix 5000 by opening the module’s Module Properties page, SERCOS interface Info Tab, and repeatedly selecting Refresh button to capture the error.
- Corrected the anomaly with Real Time Axis Information support of “Accel. Feedback” attribute. The attribute was not recognized and caused the module to fail configuration.
- Corrected the anomaly that prevented the card from supporting a 0.5 ms SERCOS interface cycle time.

Restrictions

If a PM16SE has been configured to a SoftLogix controller, no other motion module can be configured to the same controller. This restriction applies equally to another PM16SE or PM02AE.

ATTENTION



Each drive on the SERCOS ring must have a unique SERCOS address. If two axes have the same address on the same ring, both respond to commanded motion. This could lead to damage to the equipment or product and could result in personal injury.

SERCOS interface is a trademark of Interests Group SERCOS interface e.v. of Stuttgart, Germany

RSLogix5000, SoftLogix5800, and Kinetix6000 are trademarks of Rockwell Automation.

For more information refer to our web site: www.ab.com/motion

For Allen-Bradley Technical Support information refer to: www.ab.com/support or Tel: (1) 440.646.5800

www.rockwellautomation.com

Corporate Headquarters

Rockwell Automation, 777 East Wisconsin Avenue, Suite 1400, Milwaukee, WI, 53202-5302 USA, Tel: (1) 414.212.5200, Fax: (1) 414.212.5201

Headquarters for Allen-Bradley Products, Rockwell Software Products and Global Manufacturing Solutions

Americas: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204-2496 USA, Tel: (1) 414.382.2000, Fax: (1) 414.382.4444

Europe: Rockwell Automation SA/NV, Vorstlaan/Boulevard du Souverain 36-BP 3A/B, 1170 Brussels, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640

Asia Pacific: Rockwell Automation, 27/F Citicorp Centre, 18 Whitfield Road, Causeway Bay, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846

Headquarters for Dodge and Reliance Electric Products

Americas: Rockwell Automation, 6040 Ponders Court, Greenville, SC 29615-4617 USA, Tel: (1) 864.297.4800, Fax: (1) 864.281.2433

Europe: Rockwell Automation, Brühlstraße 22, D-74834 Elztal-Dallau, Germany, Tel: (49) 6261 9410, Fax: (49) 6261 1774

Asia Pacific: Rockwell Automation, 55 Newton Road, #11-01/02 Revenue House, Singapore 307987, Tel: (65) 351 6723, Fax: (65) 355 1733