



ControlLogix SERCOS Interface Module, Firmware Revision 13

Catalog Numbers 1756-M03SE, 1756-M08SE, 1756-M16SE

When to Use These Release Notes

Use these release notes for firmware revision 13.37.

Description	Catalog Number
ControlLogix 3-axis SERCOS interface module	1756-M03SE
ControlLogix 8-axis SERCOS interface module	1756-M08SE
ControlLogix 16-axis SERCOS interface module	1756-M16SE

About This Publication

This publication describes anomalies (known and corrected), restrictions, and enhancements for firmware revision 13. Each section is organized into table format with the left-most column of each table listing the catalog number of the module affected.

Compatible Revisions

To use firmware revision 13.37, update your system to the following revision levels.

Update	To Revision
RSLink Classic software	2.42
RSLogix 5000 software	13.xx
ControlLogix controller	13.xx


Corrected Anomalies

The following anomalies have been identified and corrected.

Catalog Number	Firmware Revision	Anomaly	Description
1756-M03SE 1756-M08SE 1756-M16SE	13.37	SERCON816 ASIC chip anomaly	SERCOS interface module ring drop and service channel issue was identified as a result of an anomaly occurring in the SERCON816 ASIC chip.
1756-M03SE 1756-M08SE 1756-M16SE	13.7	"Duplicate Node" error reporting operational when error is reported by SERCOS drives.	"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.
1756-M03SE 1756-M08SE 1756-M16SE	13.7	Real Time Axis Information support of "Accel. Feedback" attribute	Real Time Axis Information support of "Accel. Feedback" attribute. The attribute was not recognized and caused the module to fail configuration.

Restrictions

The following restrictions have been identified.

Catalog Number	Firmware Revision	Description
1756-M03SE 1756-M08SE 1756-M16SE	13.7 and 13.37	<div style="display: inline-block; vertical-align: middle;"> <div style="background-color: black; color: white; padding: 2px 5px; font-weight: bold;">ATTENTION</div>  </div> <div style="display: inline-block; vertical-align: middle; margin-left: 10px;"> <p>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.</p> </div>
1756-M08SE	13.7 and 13.37	<p>Modules that are series B or higher are not compatible with any v1.xx firmware release and therefore do not support ControlLogix v.5.02. If you update a module with incompatible firmware, the module becomes inoperable (solid red OK LED). It must be returned to the factory for reprogramming.</p>

Enhancements

The following catalog numbers and corresponding firmware revision contain these enhancements.

Catalog Number	Firmware Revision	Description
1756-M03SE 1756-M08SE 1756-M16SE	13.7	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.
		Support for Continuous Torque Limit control in a drive.
		Support for the Kinetix6000 Resistive Brake Module.
		Support Physical Test Mode to aid in troubleshooting issues with fiber optic media integrity. See publication <i>Fiber Optic Cable Installation and Handling Instructions</i> (2090-IN010A-EN-P) for more information on this topic.

Additional Resources

You can view or download publications at <http://www.literature.rockwellautomation.com>. To order paper copies of technical documentation, contact your local Rockwell Automation distributor or sales representative.

Rockwell Automation Support

Rockwell Automation provides technical information on the Web to assist you in using its products. At <http://support.rockwellautomation.com>, you can find technical manuals, a knowledge base of FAQs, technical and application notes, sample code and links to software service packs, and a MySupport feature that you can customize to make the best use of these tools.

For an additional level of technical phone support for installation, configuration, and troubleshooting, we offer TechConnect Support programs. For more information, contact your local distributor or Rockwell Automation representative, or visit <http://support.rockwellautomation.com>.

Installation Assistance

If you experience a problem with a hardware module within the first 24 hours of installation, please review the information that's contained in this manual. You can also contact a special Customer Support number for initial help in getting your module up and running.

United States	1.440.646.3223 Monday – Friday, 8am – 5pm EST
Outside United States	Please contact your local Rockwell Automation representative for any technical support issues.

New Product Satisfaction Return

Rockwell tests all of its products to ensure that they are fully operational when shipped from the manufacturing facility. However, if your product is not functioning, it may need to be returned.

United States	Contact your distributor. You must provide a Customer Support case number (see phone number above to obtain one) to your distributor in order to complete the return process.
Outside United States	Please contact your local Rockwell Automation representative for return procedure.

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