

1715 Redundant I/O System

Catalog Numbers 1715-AENTR, 1715-IB16D, 1715-OB8DE, 1715-IF16, 1715-OF8I

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About This Publication

These release notes describe known anomalies specific to the 1715 Redundant I/O System.

Before You Begin

The firmware revision for this system is 1.005.

We ship the adapter with factory boot firmware, revision 1.001, which must be updated before it is able to be used. The I/O modules are updated with the correct firmware and will not need to be updated.

The following modules are included in this publication.

Cat. No.	Module Description
1715-AENTR	Adapter module
1715-IB16D	16-channel digital input module
1715-OB8DE	8-channel digital output module
1715-IF16	16-channel analog input module
1715-OF8I	8-channel analog output module

The adapter firmware can be downloaded at <http://www.rockwellautomation.com/support>.

Compatible Software Versions

Use these versions of software with the 1715 Redundant I/O System.

Software	Version
Microsoft Windows	XP Service Pack 2, or higher; Vista; 7, 32- and 64-bit; 2003 Server
RSLinx™ Classic	2.57 (CPR9, SR3)
RSLogix™ 5000	19 or later

Two Add-on Profiles must be used: one for the adapter and one for the I/O modules. The profiles can be downloaded from the [Get Support Now](http://www.rockwellautomation.com/support) website, at <http://www.rockwellautomation.com/support>.

Known Anomalies

This table lists the known anomalies for the 1715 Redundant I/O System.

Cat. No.	Description
1715-AENTR	Listen-only connections are not supported.
	Only one Logix controller can connect to any I/O module within the 1715 rack.
	On some occasions, the secondary adapter may not power up correctly. You will see the status indicator flashing red when power is cycled. Cycle power again to correct the issue.
	For a proper switchover to occur, a valid network connection must be established for the secondary adapter to operate. The secondary adapter must be configured and have access to the network. This is indicated when the network status indicator on the secondary adapter flashes green.
	Under some conditions involving repeated breaks in the ring, the adapter may be falsely reported as the last active node on either port of the ring supervisor's-network-ring fault diagnostic tab. Refreshing the communication will show the correct nodes. Cycle power to the adapter to correct the condition.

Restrictions

This table lists the restrictions for this release.

Cat. No.	Description
1715-AENTR	The secondary adapter does not respond to CIP messages. All status information for the primary and secondary adapters is accessible via the primary adapter. Although it must be reserved, the primary IP address +1 should not be accessed.
	Secondary adapter diagnostic information must be retrieved from the primary adapter.
	The adapter can be operated only in a 60 °C environment, not 70 °C.
1715-AENTR, 1715-IB16D, 1715-OB8DE, 1715-IF16, 1715-OF8I	Connections can drop if the RPI is less than 60 ms.

Additional Resources

These documents contain additional information concerning related products from Rockwell Automation.

Resource	Description
1715 Redundant I/O System User Manual, publication 1715-UM001	Provides general usage and installation instructions for the 1715 Redundant I/O System.
1715 Redundant I/O System Technical Specifications, publication 1715-TD001	Provides technical information and specifications about the 1715 Redundant I/O System.
Industrial Automation Wiring and Grounding Guidelines, publication 1770-4.1	Provides general guidelines for installing a Rockwell Automation industrial system.
Product Certifications website, http://www.ab.com	Provides declarations of conformity, certificates, and other certification details.

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

Rockwell Automation Support

Rockwell Automation provides technical information on the Web to assist you in using its products. At <http://www.rockwellautomation.com/support/>, 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://www.rockwellautomation.com/support/>.

Installation Assistance

If you experience a problem within the first 24 hours of installation, review the information that is contained in this manual. You can contact Customer Support for initial help in getting your product up and running.

United States or Canada	1.440.646.3434
Outside United States or Canada	Use the Worldwide Locator at http://www.rockwellautomation.com/support/americas/phone_en.html , or contact your local Rockwell Automation representative.

New Product Satisfaction Return

Rockwell Automation 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 and needs to be returned, follow these procedures.

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

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Your comments will help us serve your documentation needs better. If you have any suggestions on how to improve this document, complete this form, publication [RA-DU002](#), available at <http://www.rockwellautomation.com/literature/>.

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