Release Notes

CompactLogix ControlNet Interface Module, Firmware Revision 2.001

Catalog Numbers 1768-CNB, 1768-CNBR

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About This Publication

This publication describes enhancements and corrected anomalies for the CompactLogix ControlNet Interface module firmware revision 2.001, as well as a list of known anomalies for firmware revision 1.001.

Compatible Versions of Software

To use this controller revision, the following minimum software versions are required.

Software	Required Version
RSLinx Classic software RSLinx Enterprise software	2.51 or later 4.00 or later
RSLogix 5000 programming software	16.03 or later
RSNetWorx software for ControlNet networks	8.00 or later
RSNetWorx software for DeviceNet networks	
RSNetWorx software for EtherNet/IP networks	

Enhancements

The following table lists the enhancements for version 2.001 for the 1768-CNB and 1768-CNBR modules.

Cat No.	Enhancement	Description
1768-CNB, 1768-CNBR	Added support for Compact GuardLogix controllers.	The 1768-CNB module now supports Compact GuardLogix controllers.
1768-CNB, 1768-CNBR	Added embedded EDS.	Users can import the EDS file directly from the module using either RSNetWorx software or RSLinx software.
1768-CNB, 1768-CNBR	New extended status error code of 0x812.	The 1768-CNB module will now report extended error code 16#812 when the module's ControlNet node address switch does not match the value it had when the network was scheduled in RSNetWorx software.

Corrected Anomaly

The following table lists the corrected anomaly for firmware revision 2.001.

Corrected Anomaly for Firmware Revision 2.001

Cat. No.	Anomaly	Description
1768-CNB	Intermittent dropping of inbound ControlNet traffic occurs.	The CNB module would intermittently drop incoming ControlNet traffic and report 'BX#' (bandwidth exceeded) on the display.

The following table lists the known anomaly for firmware revision 1.001. The following anomaly is corrected.

Known Anomaly for Firmware Revision 1.001

Cat. No.	Anomaly	Description
1768-CNB, 1768-CNBR	The module displays the message 'smacis.c'.	When operating within an unterminated network, the 1768-CNB module may display the message: 'smacisr.c'. Unterminated networks produce noise on the network media which may affect any module connected to that media. Refer to ControlNet Coax Media Planning and Installation Guide, publication CNET-IN002.

Additional Resources

These documents contain additional information concerning related Rockwell Automation products.

Resource	Description
1768-CNB and 1768-CNBR CompactLogix ControlNet Interface Module Installation Instructions, publication 1768-IN006	Provides details about how to assemble and mount the controller, how to upgrade firmware, and controller technical specifications.
ControlNet Coax Media Planning and Installation Guide, publication CNET-IN002	Provides details about how to plan and install ControlNet network coax hardware.
Logix5000 Controllers Common Procedures Reference Manual, publication 1756-PM001	Contains common procedures that are related to all Logix5000 controllers.
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://literature.rockwellautomation.com. To order paper copies of technical documentation, contact your local Rockwell Automation distributor or sales representative.

Notes:

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, 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 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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