

# SLC 5/03, SLC 5/04 Processors Operating System Series C, FRN 11 and SLC 5/05 Processors Operating System Series C, FRN 11 (for Hardware Series A/B) and FRN 13 (for Hardware Series C)

## Purpose of This Document

Read this document before using SLC™ 5/03 (OS302), SLC 5/04 (OS401) Series C, FRN 11 and SLC 5/05 (OS501) Series C, FRN 13 operating system firmware. Keep this document with your SLC 500 Instruction Set Reference Manual, publication [1747-RM001](#).

This document directs you to information on Operating System Series C, FRN 11/13 features.

## New Features

For information on the following features, refer to the SLC 500 Instruction Set Reference Manual, publication [1747-RM001](#). To view and download a PDF file, go to the Literature Library at <http://www.rockwellautomation.com/literature/>. To order a printed copy, contact your local Allen-Bradley Distributor or Rockwell Automation sales office.

FRN 11 includes the following features:

- Modbus RTU Master capability on RS232 Channel 0
- PID instruction: Added rational approximation method for better calculation accuracy

FRN 13<sup>(1)</sup> (SLC 5/05 Hardware Series C processors only) includes the following features:

- All abovementioned features for FRN 11
- Product update with upgraded hardware and new Mac ID range support.
- A rare anomaly which could cause a memory loss fault has been corrected. This improves resilience to delays and errors which were seen on large area networks.

RSLogix 500 programming software, version 8.10 or higher, is required to configure and program these new features.

<sup>(1)</sup> FRN 12 was an internal only release.

# 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 <a href="#">Worldwide Locator</a> at <a href="http://www.rockwellautomation.com/support/americas/phone_en.html">http://www.rockwellautomation.com/support/americas/phone_en.html</a> , 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.

## Documentation Feedback

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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