



CompactLogix L43 Controller Version 15 Firmware

Catalog Number 1768-L43

About This Publication

This release note provides revision, anomaly, and restriction information for this controller. This release note corresponds to controller revision 15.07.

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Compatible Revisions

To use this controller revision, update your system to these software revision levels or later.

Update This Software	To This Revision or Later
RSLinx Classic	2.43
RSLinx Enterprise	3.00
RSLogix 5000	15.00
RSNetWorx for ControlNet	5.11
RSNetWorx for DeviceNet	
RSNetWorx for EtherNet/IP	

Known Anomalies

This revision of the controller has these known anomalies.

Anomaly	Description
Occasionally local I/O will not connect after a power cycle	Occasionally a 1768-L43 controller with local I/O modules will not create connections to these modules after a power cycle. If the local I/O modules are set as required modules and the controller is placed in run mode, the controller faults with an error (Type 03) I/O Fault (Code 23) - "At least one required connection was not established before going into Run mode." Another power cycle typically corrects the problem. Lgx00063109

Restrictions

This release of module firmware has the following restrictions.

Use of CompactFlash

ATTENTION



Use of Compact Flash on the 1768-L43 controller is limited to upload and download of projects and firmware updates. Access to the Compact Flash card for user applications is not supported.

We also recommend that you do not insert the CompactFlash card during Run mode.

Use of 1768 and 1769 Power Supplies

Power to the controller is applied and removed with the 1768 power supply, independent of the state of any 1769 power supplies connected in additional I/O banks.

Consider the following when using additional I/O banks.

TIP

We recommend supplying power to the 1768 power supply and the connected 1769 power supply from the same mains.

When Power is Applied

If power is applied to the controller when power is not applied to a connected 1769 power supply, the controller declares a major fault. This fault cannot be cleared until power to the controller is removed again.

The fault occurs because the controller detects an illegal power configuration when power is applied to the controller. The fault occurs before the controller determines whether I/O is required or before the controller goes into Run mode.

The controller detects the presence of the power supply, but cannot determine if it is part of the I/O modules connected to the controller (an illegal configuration) or if it is separated by a cable (a legal configuration).

If you do not follow the recommendation in the above tip, do the following.

When you apply power to the system, check that the power is not applied to the 1768 power supply before being applied to the connected 1769 power supplies.

When Power is Removed

If power is removed from a connected 1769 power supply while power is still applied to the controller, the controller detects the loss and interprets this as a loss of the CompactBus.

The controller causes all the local 1769 I/O, whether directly attached to the controller or in an additional I/O bank, to fault.

If any of the local 1769 I/O are configured to fault if connection is lost while in Run mode, the controller will also fault.

If you do not follow the recommendation in the above tip, do the following.

When removing power from the system, check that power is not removed from the connected 1769 power supplies before being removed from the 1768 power supply.

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 and needs 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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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/Middle East/Africa: Rockwell Automation SA/NV, Vorstlaan/Boulevard du Souverain 36, 1170 Brussels, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640

Asia Pacific: Rockwell Automation, Level 14, Core F, Cyberport 3, 100 Cyberport Road, 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/Middle East/Africa: Rockwell Automation, Herman-Heinrich-Gossen-Strasse 3, 50858 Köln, Germany, Tel: 49 (0) 2234 379410, Fax: 49 (0) 2234 3794164

Asia Pacific: Rockwell Automation, 55 Newton Road, #11-01/02 Revenue House, Singapore 307987, Tel: (65) 6356 9077, Fax: (65) 6356 9011