

# CompactBlock DeviceNet Guard I/O Modules

Catalog Numbers 1791DS-IB16, 1791DS-IB8XOBV4,  
1732DS-IB8, 1732DS-IB8XOBV4

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## About This Publication

These release notes correspond to major revision 1, minor revision 5. Use this firmware revision with RSLogix 5000 software, version 16.00 or later.

## Before You Begin

Before using your module, read and understand the following requirements:

- Verify that you downloaded and installed the appropriate 1791DS and/or 1732DS add-on profiles available at <http://www.rockwellautomation.com>.
- Note that the relevant add-on profiles are supported only in version 16.00 or later of RSLogix 5000 software.
- Note that the 1791DS and 1732DS modules are all supported in RSLogix 5000 software. The 1791DS and 1732DS modules are supported in RSNetWorx for DeviceNet software.

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- Verify that you are using the 1756-DNB module (major revision 7, minor revision 2, or later) for 1791DS and 1732DS modules.

### Error Codes

General Status	Extended Status	Description	Recommended Action
1	0x105	Ownership Conflict. The Originator Unique Network ID (OUNID) does not match the OUNID value stored in the module's configuration.	Verify the IP address entered in the profile. If the IP address is correct, reset ownership of the module by selecting the Safety tab in the profile and clicking the Reset Ownership button. This error is often caused by the safety network number (SNN) being mismatched between the controller and I/O module.
1	0x801	Incompatible RPI. An existing I/O connection has been established at a different RPI.	Adjust RPI value to match the RPI of the established I/O connection.
1	0x802	Invalid Safety Connection Size. This should only be received when using the Generic Ethernet Safety profile.	Verify and correct Size values entered for Input, Output, and Configuration Assemblies in the generic profile.
1	0x80F	Configuration not allowed.	The state of the module does not allow configuration. Place the module and/or host controller in an idle state.

## Corrected Anomalies

These anomalies have been corrected in the latest firmware revision.

Anomaly	Description
Input-delay filter times are incorrectly mapped	Input-delay filter times that were incorrectly mapped have been corrected in the latest firmware revision
Nuisance fault on safety output, change in output test-pulse timing	Nuisance faults on the safety outputs resulting in the change in output test-pulse timing have been corrected in the latest firmware revision for these catalog numbers: <ul style="list-style-type: none"> <li>• 1791DS-IB8XOBV4</li> <li>• 1732DS-IB8XOBV4</li> </ul>

## Additional Resources

Resource	Description
DeviceNet Modules in Logix5000 Control Systems User Manual, publication <a href="#">DNET-UM004</a>	Describes how to use DeviceNet modules with your Logix5000 controller, including the 1756-DNB module.
Guard I/O DeviceNet Safety Modules User Manual, publication <a href="#">1791DS-UM001</a>	Describes how to use Guard I/O DeviceNet safety modules, catalog numbers 1791DS-IB8XOBV4, 1791DS-IB16, 1732DS-IB8XOBV4, and 1732DS-IB8.

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.

## 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	1.440.646.3434 Monday – Friday, 8 a.m. – 5 p.m. EST
Outside United States	Please contact your local Rockwell Automation representative for any technical support issues.

## 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 in order to complete the return process.
Outside United States	Please contact your local Rockwell Automation representative for the return procedure.

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