



ControlLogix DeviceNet Interface Module

(Cat. No. 1756-DNB/A, Version 3.005)

These release notes describe changes in version 3.005 of the ControlLogix DeviceNet Interface Module, catalog number 1756-DNB.

Use these notes with your ControlLogix DeviceNet Interface Module User Manual, publication 1756-6.5.19, May 2000.

New to Version 3.005

- A “Build Identification Number” has been added to the display sequence of the 1756-DNB module. This number will be displayed along with the firmware version of the module on boot up. Applications such as RSLinx and RSNetWorx will also display this added information. The number will take the form of the letter “Q” along with a numeric value. It is used for internal quality auditing and does not in any way affect the functionality of the product.
- This version (3.005) of the 1756-DNB requires the implementation of a new EDS file for RSNetworx for DeviceNet. This file can be obtained by going to the following Web site:

<http://www.ab.com/networks/eds>

Contact Technical Support at 440.646.6800 for more information.

Corrected Anomalies

The following anomalies have been corrected in this release of the 1756-DNB module (version 3.005):

- When the DNB module input size was set for 20 DINTs **and** output size was set for 19 or fewer DINTs, the RUN/IDLE bit would be overwritten by the 19th input word causing the module to change mode unexpectedly. This anomaly occurred in versions 3.003 and 3.004.
- This version corrected a “Watchdog Timeout” error that sometimes occurred during firmware upgrades. Once upgraded to version 3.005, future flash upgrades will no longer require two steps. *Please note that upgrades for previous versions of the 1756-DNB may still require two steps. See the README file in the upgrade kit for more information.*
- If a DeviceNet node was sending fragmented I/O messages and did not finish its response before the 1756-DNB started another scan cycle, the 1756-DNB would map the output data from the controller back into the controller’s input data table.

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