



DeviceNet Communication Card

Catalog Number 1784-PCD

Use These Release Notes

These release notes contain information about the 1784-PCD card (Series A, B, and C) and version 4.02 of the driver.

Use these notes along with your DeviceNet Communication Card Installation Instructions, publication 1784-IN029C-EN-P, June 2001.

New Features for Version 4.02 of the 1784-PCD Driver

- Windows XP is now supported for Series B and later 1784-PCD cards. Series A 1784-PCD cards cannot be used on Windows XP. You must use a series B or later 1784-PCD card if your PC is running Windows XP. Also note that Series A 1784-PCD cards cannot be FLASH upgraded. To install the 1784-PCD driver on Windows XP, follow the installation instructions for Windows 2000.
- The 1784-PCD card will now only Auto-address when the driver is configured and Auto-address is selected. Older versions of the driver would allow the card to Auto-address when power was disconnected and then reconnected to the network.
- Counters have been added to the diagnostic window.

- The uninstall program, PcdUpDt.exe, was fixed so that it will run on Windows 95 version B. Earlier versions of PcdUpDt.exe worked on Windows 95, but not on version B.
- The PCD_Test program was changed so that once the PCD Cable test completes, the user is prompted as to whether they would like to run it again.

Connecting to Multiple Networks - Do Not Rely on Autobaud

Use caution when using the Autobaud feature on multiple DeviceNet networks that are operating at different baud rates. When a 1784-PCD card is connected to a network, you cannot disconnect from that network and reconnect to another DeviceNet network that is using a different baud rate. The card will not automatically use the new network's baud rate. The driver must be reconfigured when you switch to a DeviceNet network operating at a different baud rate.

Whether or not Autobaud is in use, if messages are sent on the new network at an incorrect baud rate, devices on that network could enter a Bus-off state. Refer to the DeviceNet Specification. (You can purchase the specification from the Open DeviceNet Vendor Association, Inc. Visit the ODVA website at www.odva.org). A device can recover from a Bus-off condition by being reset or shut down and restarted.

To properly switch between networks of different baud rates, reconfigure the driver.

If you are using RSLinx:

1. Select **Communications** ⇒ **Configure** ⇒ **Delete**.
2. Select **Communications** ⇒ **Configure** ⇒ **Add New**.

IMPORTANT

Autobaud will not work if there is not sufficient traffic on the network.

Notes:

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