

Before You Begin

Read this section about important CompactBlock requirements.

Current functions of CompactBlock LDX I/O blocks require the current, modular electronic data sheet (EDS) file for RSNetWorx for DeviceNet software, version 3.0 or later. These files are available online at www.ab.com/networks/eds/.

EDS files for blocks with matching catalog numbers for both D-Shell and terminal block versions are the same. On the Web site and in RSNetWorx for DeviceNet software, find the EDS file for both versions of the blocks. For example, for the EDS file for 1790D-T8BV8B blocks, use the EDS file labelled 1790D-8BV8B.

Install the Base Block

To install the base block, follow these steps.

1. Set the node address on the base block.
2. Mount the base block.
3. Mount the optional expansion blocks.
4. Wire the terminal block.
5. Connect the DeviceNet cable.

Set the Node Address

When setting the node address on the base block, note that each base block comes with its internal program set for node address 63. To reset the node address, adjust the switches on the front of the base block. The two switches are most significant digit (MSD) and least significant digit (LSD). You can set switches between 00 and 63.