

Install the D2-DCM and Starting the Network

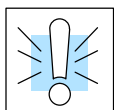
Install the D2-DCM

The D2-DCM can go in any slot of a DL205 base **except** Slot 0, which is right next to the CPU. The D2-DCM will not work in Slot 0.

If you're using a D2-DCM as the network interface in a PLC master station, remember to make a note of the slot location. (You will have to refer to this address at some point.)

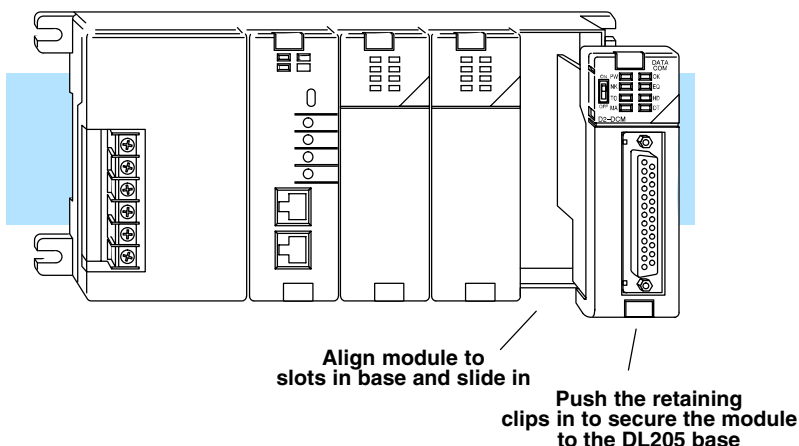


NOTE: The D2-DCM *can not* be mounted in a base that does not contain a D2-240/250-1/260 CPU. Also, the D2-DCM requires 300mA of +5V base power. Make sure you will not exceed the available base power budget by installing the D2-DCM. See the DL205 User Manual for complete details on power budget calculations.



WARNING: Your system can be damaged if you install or remove system components before disconnecting the system power. To minimize the risk of equipment damage, electrical shock, or personal injury, always disconnect the system power before installing or removing any system component.

To insert the module into the base, align the circuit board(s) with the grooves on the top and bottom of the base. Push the module straight into the base until it is firmly seated in the backplane connector. Once the module is inserted into the base, push in the retaining clips (located at the top and bottom of the module) to firmly secure the module to the base.



Connect the Cables

Make sure you have all the cables connected and that all the network devices have the same communication parameters (baud rate, parity, etc).

If you're using DirectNET...

The PLC master station must contain an RLL program that has the appropriate RX or WX instructions necessary to initiate the communications. (See Appendix B for details on the RX and WX instructions). The master station CPU must be in Run mode in order to execute the communications program. The slave station CPUs do not absolutely have to be in Run mode because the D2-DCM will still transfer the data. Whether you put the slave stations in Run mode depends on your application requirements.

**If you're using an
Operator Interface or
Host Computer...**

Connect the cables and follow the procedures outlined in the documentation that came with your host computer software or operator interface. You'll have to execute your host or operator interface program before the communications can begin. For example, if you're using **DirectSOFT32**, you can just specify the station address and start working!

**If you're using
MODBUS®...**

Connect the cables and follow the procedures outlined in your MODBUS® Host software package to start the communications. See Appendix C for more information on using the D2–DCM with MODBUS protocol.