

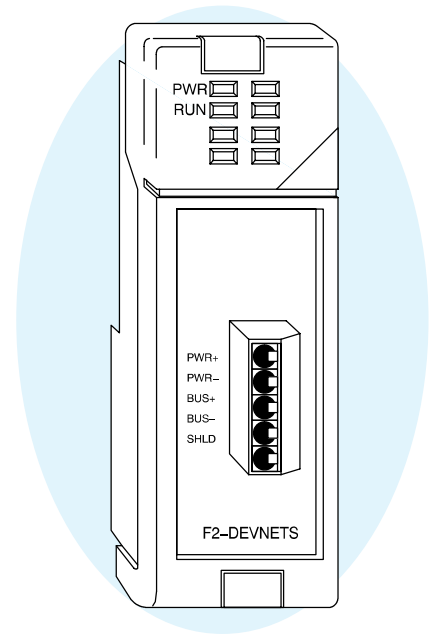
## F2-DEVNETS Slave

If you are using a DeviceNet controller network, the DL205 I/O sub-system will help further reduce the cost of your overall application. The F2-Devnets (slave) module allows the popular micro-modular DL205 I/O sub-system to be linked with a DeviceNet master controller. DeviceNet is a low-cost control bus which provides a common method to connect automation equipment with devices on a single network. This standard communications media and software is referred to as DeviceNet and it significantly reduces hard wiring costs. DeviceNet provides specifications for information exchanged between nodes, such as controller data associated with low level device and configuration parameters individually related to system operations.

### Here's how it works!

The F2-DEVNETS module is a DeviceNet slave, which can be plugged into the CPU slot of the DL205 micro-modular family of I/O bases. This module maintains a database with all the identification data, diagnostic information, and parameters which control the module operation. The F2-DEVNETS module scans and reports all discrete and analog I/O data to a DeviceNet Master. The AC externally-powered DL205 I/O base units contain a 24 VDC, 0.2A power supply for simple wiring of sensors and actuators into the DL205 I/O modules, and for controlling them with a DeviceNet Master. Using our DeviceNet I/O sub-system will increase installation flexibility as well as save on wiring costs. The F2-DEVNETS module supports all DL205 discrete and analog I/O modules.

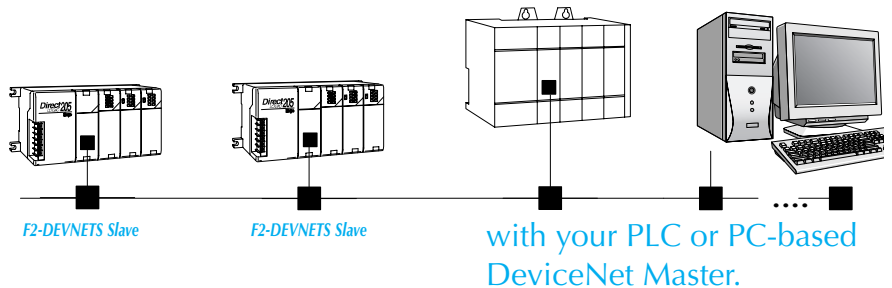
- **Cost-Effective:** Reduced hard-wiring cost by having a single network for devices
- **Easy Connectivity:** Low-cost four wire installation is easy to implement and maintain.
- **Innovative technology:** Power is integrated into the device.
- **Diagnostics:** Advanced error diagnostics not commonly available in traditional systems
- **Highly Dependable:** Fast response and high reliability for demanding applications
- **LED Indicators:** Provide quick indication of DL205 power and operating mode.



### F2-DEVNETS Interface Specifications

|                                       |   |
|---------------------------------------|---|
| <b>Module Type</b>                    | CPU device  |
| <b>DeviceNet Compatibility</b>        | Predefined Group 2 Master/Slave communications.   |
| <b>Number of I/O</b>                  | Defined by number of slots per base (Max 64 inputs, 64 outputs)   |
| <b>Module Location</b>                | CPU slot of any DL205 base  |
| <b>Maximum Field Devices per bus</b>  | 64 (see table on next page)   |
| <b>Communication to Field Devices</b> | Standard 4-wire shielded cable to cabinet connector, molded 4-wire cable @ up to 500Kbps to field devices |
| <b>Module Connector</b>               | Five-position removable terminal (European style)   |
| <b>Operating Environment</b>          | 0°C to 60°C (32°F to 140°F), 5% to 95% humidity (non-condensing)  |
| <b>Internal Power Consumption</b>     | 160mA @ 5VDC  |
| <b>Manufacturer</b>                   | FACTS Engineering   |

## Connect our micro-modular DL205 I/O...



Ask for our D2-INST-M Installation and I/O Manual for complete information about DL205 I/O modules, power budgeting, and installation and wiring. This manual does not cover CPU-slot controllers.

