

# Introduction

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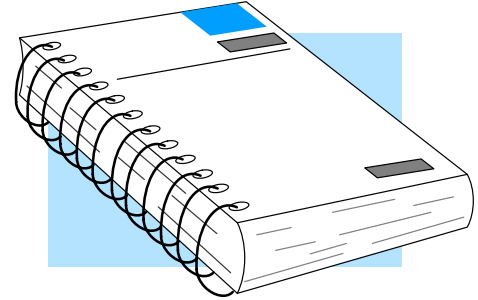
## In This Chapter. . . .

- About This Manual
  - Conventions Used
  - CPU-slot Controllers
  - DL205 System Components
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## About This Manual

### The Purpose of this Manual

This manual is written for the user of non-traditional CPU-slot controllers or I/O controllers who are also using our DL205 I/O products. This manual shows you how to install and wire the equipment. It provides specifications for input and output modules. It also helps you understand how to interface these products to other devices in a control system.



### Supplemental Manuals

In addition to this manual, you will want to have the appropriate manual for your CPU-slot controller and for the PC-based control software you will be using.

### Technical Support

We strive to make our manuals the best in the industry. We rely on your feedback to let us know if we are reaching our goal. If you cannot find the solution to your particular application, or, if for any reason you need additional technical assistance, please call us at

**770-844-4200**

Our technical support group is glad to work with you in answering your questions. They are available **weekdays from 9:00 a.m. to 6:00 p.m. Eastern Time**. We encourage you to visit our site on the worldwide web where you can find technical and nontechnical information about our products and our company.

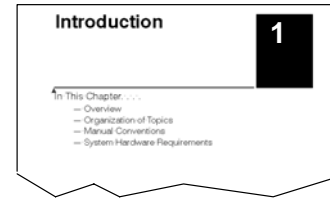
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If you have a comment or question about any of our products, services, or manuals, please fill out and return the 'Suggestions' card that was shipped with this manual.

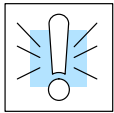
## Conventions Used

### Key Topics for Each Chapter

The beginning of each chapter will list the key topics that can be found in that chapter.



When you see the “notepad” icon in the left-hand margin, the paragraph to its immediate right will be a **special note**. The word **NOTE:** in boldface will mark the beginning of the text.



When you see the “exclamation mark” icon in the left-hand margin, the paragraph to its immediate right will be a **warning**. This information could prevent injury, loss of property, or even death (in extreme cases). The word **WARNING:** in boldface will mark the beginning of the text.

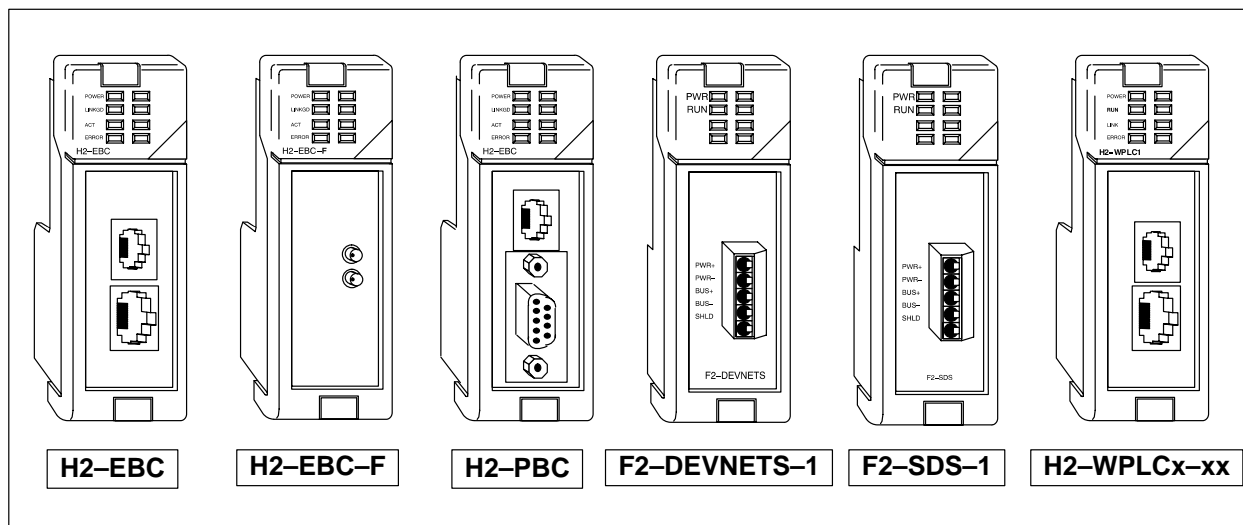
## CPU-slot Controllers

There are currently six “base controllers” or “I/O controllers” available for the DL205. Five of the six require connection to a PC running PC-based Control software. The sixth contains the CPU and operating system onboard the module.

The four controllers currently available are:

- Ethernet Base Controller
  - H2-EBC
  - H2-EBC-F
- Profibus Slave Base Controller
  - H2-PBC
- DeviceNet™ Slave
  - F2-DEVNETS-1
- Smart Distributed System™ Slave
  - F2-SDS-1
- WinPLC
  - H2-WPLCx-xx

Of the controllers listed, only the WinPLC is a stand-alone controller with its control software loaded in non-volatile memory onboard the module.



## DL205 System I/O Components

<b>Bases</b>	Four base sizes are available: 3 slot, 4 slot, 6 slot, and 9 slot. One slot is for the DL205 Controller/Slave module, the remaining slots are for I/O modules. All bases include a built-in power supply.
<b>I/O Configuration</b>	The number of I/O points that can be supported is CPU-slot controller dependent.
<b>I/O Modules</b>	The DL205 has some of the most powerful modules in the industry. A complete range of discrete modules which support 24 VDC, 110/220 VAC and up to 10A relay outputs are offered. The analog modules provide 12 and 16 bit resolution and several selections of input and output signal ranges (including bipolar). At this time, the only specialty module supported is the H2-CTRIO when used with an H2-EBC or H2-WPLCx-xx controller.