

# PLC

# VIDEO TRAINING

INTERCONNECTING AUTOMATION

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## Introduction to PLC Logic and Principals

### *HANDS-ON VIDEO TRAINER* by Doug Bell

*Learn at your own pace from a PLC expert!  
Refer back to it as many times as needed!*

#### Includes:

- Two DVDs\* to follow while using *DirectSOFT* PLC programming software  
\*VHS tape format also available upon request
- Pre-wired DL05 PLC Trainer with pushbuttons, selector switches and programming cable, ready for you to plug in and begin learning
- DL05 PLC User Manual, used throughout the video, and great for future reference

*“Doug Bell has spent over 20 years implementing hardware and software to develop control system solutions. His nationwide PLC training courses have been attended by thousands of PLC users of all experience levels. Doug’s energetic teaching style makes the course interesting and thorough.”*

***Syllabus and order form on back!***

InterConnecting Automation Inc.

12154 N. Ridge Trail, Hales Corners, WI 53130

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Email: [info@InterConnectingAutomation.com](mailto:info@InterConnectingAutomation.com)

Web site: [www.InterConnectingAutomation.com](http://www.InterConnectingAutomation.com)



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#### Work in the privacy of your own home/office

- No need to travel anywhere - your family won't have to do without you.
- Learn at your own pace - take a break when you need it.
- Refer back to the video at any time - you'll still have the hardware to experiment with

\* *DirectSOFT* version 2.4a can be used with this course, although version 3.0 and above is recommended.

*InterConnecting Automation* does stock the latest full version of *DirectSOFT* available for purchase.

A FREE 100-word version of *DirectSOFT* 5 is available for download at:

<http://support.automationdirect.com/demos.html>

Video Trainer from:

# InterConnecting Automation Inc.

## Overview of course content

- **Basics:** introduction, basic wiring, logical expressions, sensors, relays, reasons for using a PLC, *AutomationDirect.com's* PLC families
- **CPU internals:** scan time, addressing, I/O (Xs and Ys), commands
- **I/O:** inside the I/O boards, octal addressing, programming methods — hand held programmer, *DirectSOFT*
- **DirectSOFT:** getting started, links, offline vs. online programming, maneuvering through and using *DirectSOFT*, creating and editing rungs
- **Programming and debugging:** using inputs and outputs, debugging and status mode, PLC commands (all basic instructions including timers, counters and the accumulator), troubleshooting



FAX order form to: (414) 425-8363

Or send to: InterConnecting Automation Inc., 12154 N. Ridge Trail, Hales Corners, WI 53130

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Video Trainer Package	Format <small>(circle one)</small>	Quantity	Price	Subtotal
<b>Intro to PLC Logic and Principles</b>	DVD   VHS		<del>Was: \$796</del> <b>Now only! \$489</b>	
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