



The resources and manuals listed below are recommended as reference material for anyone interested in learning more about Allen-Bradley PLCs. Unless otherwise noted, these are publicly available and may be found by searching for their publication numbers in the "Literature Library" section of the Rockwell Automation/Allen-Bradley website at [www.ab.com](http://www.ab.com) and downloaded free of charge.

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**Suggested manuals for the PLC-5 platform**

**Getting Results with RSLogix5**

LG5-GR002A-EN-P Jul 2005 127 pages  
Ships with RSLogix5 software. Basic instructions on how to navigate and use the programming software.

**PLC-5 Instruction Set Reference Manual**

1785-6.1 Nov 1998 372 pages  
Describes how timers, counters, and all other ladder logic instructions work.

**Enhanced and Ethernet PLC-5 Programmable Controllers User Manual**

1785-UM012D-EN-P Jul 2005 388 pages  
Describes how the PLC-5 hardware system functions. Includes basic troubleshooting information such as resetting processor fault conditions and interpreting LED indicators.

**1771-IAD AC/DC Input Module Installation Instructions**

1771-IN023B-EN-P Aug 2002 12 pages  
Shows wiring diagrams and specifications for this common module.

**1771-OAD AC Output Module**

1771-IN024B-EN-P Nov 2002 16 pages  
Shows wiring diagrams and specifications for this common module.

**1771-IFE/A&B Analog Input Module User Manual**

1771-6.5.90 May 1994 63 pages  
Shows wiring diagrams and specifications for the older A and B style analog modules. Although the newer C style modules have been on the market for several years, the earlier A and B styles are still extremely common in existing industrial settings.

**1771-IFE/C Analog Input Module User Manual**

1771-6.5.115 Feb 1999 82 pages  
Shows wiring diagrams and specifications for this common module. Handy notes on the differences between this newer C style and the older A and B style modules are included in a chapter near the end of the book.

**1771-OFE Analog Output Module User Manual**

1771-6.5.30 Nov 1998 84 pages  
Shows wiring diagrams and specifications for this common module.

**Safety Guidelines for the Application, Installation and Maintenance of Solid State Control**

SGI-1.1 Apr 1990 24 pages  
Raises many of the general safety issues involved in working with PLC controlled systems.

**1791 Discrete I/O AC and DC Block I/O Input and Output Modules User Manual**

1791-6.5.3 Mar 1994 98 pages  
Shows wiring diagrams and specifications for this family of common Remote I/O modules.

**RSLinx Classic Getting Results Guide**

LINX-GR001C-EN-E Jun 2005 62 pages  
Ships with RSLinx Classic software. Basic instructions on how to navigate and use the communication software.

<b>Suggested manuals for the SLC-500 platform</b>
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**Getting Results with RSLogix500**

LG500-GR002A-EN-P                      Jul 2005                      110 pages  
Ships with RSLogix500 software. Basic instructions on how to navigate and use the programming software.

**SLC-500 Instruction Set Reference Manual**

1747-RM001E-EN-P                      Jan 2006                      692 pages  
Describes how timers, counters, and all other ladder logic instructions work.

**SLC-500 Modular Hardware Style User Manual**

1747-UM011F-EN-P                      May 2007                      302 pages  
Describes how the SLC-500 hardware system functions. Includes basic troubleshooting information such as resetting processor fault conditions and interpreting LED indicators.

**SLC-500 Digital I/O Modules Installation Instructions**

1746-IN027B-EN-P                      Jan 2007                      48 pages  
Shows wiring diagrams and specifications for common digital I/O modules.

**SLC-500 4-Channel Analog I/O Modules User Manual**

1746-UM005B-EN-P                      Jun 2004                      113 pages  
Shows wiring diagrams and specifications for these common modules.

**SLC-500 Analog Input Module 1746-NI8 User Manual**

1746-6.8                                      Apr 1997                      91 pages  
Shows wiring diagrams and specifications for this analog module.

**SLC-500 Remote I/O Scanner Module 1747-SN User Manual**

1747-UM013B-EN-P                      Jan 2005                      171 pages  
Gives instructions for configuring and using this communication module.

**SLC-500 Remote I/O Adapter 1747-ASB User Manual**

1747-UM006B-EN-P                      Jun 2003                      156 pages  
Gives instructions for configuring and using this communication module.

**Safety Guidelines for the Application, Installation and Maintenance of Solid State Control**

SGI-1.1                                      Apr 1990                      24 pages  
Raises many of the general safety issues involved in working with PLC controlled systems.

**1791 Discrete I/O AC and DC Block I/O Input and Output Modules User Manual**

1791-6.5.3                                      Mar 1994                      98 pages  
Shows wiring diagrams and specifications for this family of common Remote I/O modules.

**RSLinx Classic Getting Results Guide**

LINX-GR001C-EN-E                      Jun 2005                      62 pages  
Ships with RSLinx Classic software. Basic instructions on how to navigate and use the communication software.

<b>Suggested manuals for the ControlLogix platform</b>
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**Getting Results with RSLogix5000**

9399-RLD300GR Aug 2000 63 pages  
Basic instructions on how to navigate and use the RSLogix5000 programming software.  
More current copies are usually shipped with the software.

**Logix5000 Controllers General Instructions Reference Manual**

1756-RM003I-EN-P Jan 2007 707 pages  
Describes how timers, counters, and other common ladder logic instructions work.

**Logix5000 Controllers System Reference**

1756-QR107C-EN-P Jun 2005 402 pages  
Handy "pocket sized" booklet with overview of all Logix type controllers, fault codes, basic instruction set reference, basic procedures for project setup, etc.

**Logix5000 Controllers Common Procedures Programming Manual**

1756-PM001I-EN-P Jan 2007 547 pages  
Basics of communicating with I/O, organizing tags, managing tasks, entering ladder diagrams, producing arrays, using forces, etc.

**Logix5000 Controllers Quick Start Manual**

1756-QS001D-EN-P Feb 2007 148 pages  
Basic ideas of creating and organizing a project, clearing faults, forcing I/O, etc.

**ControlLogix Controllers User Manual**

1756-UM001G-EN-P Jan 2007 142 pages  
Describes how the ControlLogix hardware system functions. Includes basic information such as connecting to the processor's serial port and interpreting LED indications for troubleshooting purposes.

**ControlLogix Controllers Selection Guide**

1756-SG001I-EN-P Nov 2006 76 pages  
Basic information on selecting the hardware components necessary to build a ControlLogix system. Handy for making side by side comparisons of various devices.

**ControlLogix Controller and Memory Board Installation Instructions**

1756-IN101K-EN-P Aug 2006 56 pages  
Covers assembly and configuration of various processor hardware components. Also lists LED indications associated with troubleshooting malfunctions related to improper setup.

**ControlLogix Digital I/O Modules**

1756-UM058C-EN-P Mar 2001 250 pages  
Wiring diagrams and specifications for common digital I/O modules.

**ControlLogix Analog I/O Modules**

1756-UM009B-EN-P Jun 2003 354 pages  
Wiring diagrams and specifications for common analog I/O modules.

**1756-DHRIO Communication Interface Module User Manual**

1756-UM514B-EN-P Feb 2003 190 pages  
Information for configuring and using this module for communications on Data Highway Plus network and for communicating with Remote I/O devices.

**1756-ENET/B Communication Interface Module User Manual**

1756-UM051B-EN-P Nov 2000 123 pages  
Information for configuring and using this module for Ethernet communications.

**EtherNet/IP Modules in ControlLogix Systems**

ENET-UM001F-EN-P Nov 2006 136 pages  
Information for configuring and using this module for Ethernet communications.

**Converting PLC-5 or SLC-500 Logic to ControlLogix**

1756-RM085B-EN-P Nov 2001 80 pages  
Reference manual for making conversions also contains handy comparisons between platforms which help when cross-training to ControlLogix.

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**Suggested manuals for the ControlLogix platform (continued)**

**Safety Guidelines for the Application, Installation and Maintenance of Solid State Control**

SGI-1.1 Apr 1990 24 pages  
Raises many of the general safety issues involved in working with systems controlled by PLCs.

**1791 Discrete I/O AC and DC Block I/O Input and Output Modules User Manual**

1791-6.5.3 Mar 1994 98 pages  
Wiring diagrams and specifications for this family of common Remote I/O modules.

**RSLinx Classic Getting Results Guide**

LINX-GR001C-EN-E Jun 2005 62 pages  
Ships with RSLinx Classic software. Basic instructions on how to navigate and use the communication software.

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