



Integrated Architecture

Logix Control Systems Recommended Literature

Controllers: Bulletin 1756, 1769, 5069

Drives: Bulletin 20G, 20J, 2198

I/O and Communication Modules: Bulletin 1715, 1756, 5069, 5094

Graphic Terminals: Bulletin 2711P, 2713P, 2715P

Software: Bulletin 9324

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Links to some of the most common manuals for products that are typically included in a Logix 5000™ control system.

It also provides links to manuals that can help you:

- Implement an EtherNet/IP network.
- Develop a Logix controller-based safety system.
- Use Studio 5000 Logix Designer® application to program your control system.
- Use Studio 5000 View Designer® application to configure and program your operator interface.
- Configure a motion solution.
- Configure and use Rockwell Automation products to improve the security of your automation system.

Summary of Changes

This publication contains the following new or updated information. This list includes substantive updates only and is not intended to reflect all changes.

Topic	Page
Added ControlLogix 5580 Redundant Controllers User Manual to Logix 5000 Controllers resources	3
Added Logix Designer Compare Tool User Manual to Programming resources	5
Added CIP Security Proxy User Manual to Security resources	5
Added Studio 5000 View Designer software manuals to Operator Interface resources	6
Added Kinetix 5300 Single-axis EtherNet/IP Servo Drives manuals to Drives resources	7
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Products Covered in this Publication

You can find common manuals for these products in this publication.

Controllers

- 1756 Series ControlLogix® Controllers, GuardLogix® Controllers, ControlLogix Redundancy Modules
- 5069 Series CompactLogix™ Controllers, Compact GuardLogix Controllers
- 1769 Series CompactLogix Controllers, Compact GuardLogix Controllers

Drives

- Kinetix® 5100, 5300, 5500, and 5700 Servo Drives
- PowerFlex® 755T Drives with TotalFORCE® technology

Studio 5000 Design Environment

- Studio 5000 Logix Designer® application
- Studio 5000 View Designer® application
- Studio 5000® Application Code Manager

I/O and Communication Modules

- 1756 ControlLogix I/O Modules and EtherNet/IP Communication Modules
- Compact 5000™ I/O Modules and EtherNet/IP Communication Modules
- FLEX 5000™ I/O Modules and EtherNet/IP Communication Modules
- 1715 Redundant I/O Modules
- EtherNet/IP Adapters

Operator Interface

- PanelView™ 5510 and PanelView 5310 Terminals
- PanelView™ Plus 7 Standard and Performance Terminals

Other Integrated Architecture System Products

For products not covered in this manual, go to the Technical Documentation Center at rok.auto/techdocs to browse documentation collections organized by product family. Or go to Literature Library at rok.auto/literature to search for documentation by catalog number, product name, or publication number.

Logix 5000 Controllers Resources

Reference and task-based information to help you install, configure, and operate Logix controllers.

Selection and Specifications

- [1756-SG001](#), ControlLogix System Selection Guide
- [1756-TD001](#), ControlLogix and GuardLogix Controllers Technical Data Specifications
- [1769-SG001](#), CompactLogix System Selection Guide
- [5069-TD002](#), CompactLogix and Compact GuardLogix Technical Data Specifications

Design Considerations

- [1756-RM094](#), Logix 5000™ Controllers Design Considerations Reference Manual
- [LOGIX-RM002](#), Estimated Logix 5000 Controller Instruction Execution Times Reference Manual

Manuals

- ControlLogix and GuardLogix controllers user manuals
 - [1756-UM543](#), ControlLogix® 5580 and GuardLogix 5580 Controllers User Manual
 - [1756-UM015](#), ControlLogix 5580 Redundant Controllers User Manual
 - [1756-UM022](#), GuardLogix 5570 Controllers User Manual
 - [1756-UM001](#), ControlLogix System User Manual (*for ControlLogix® 5570 and ControlLogix® 5560 controllers*)
 - [1756-UM535](#), ControlLogix 5570/5560 Redundancy User Manual
- CompactLogix and Compact GuardLogix controllers user manuals
 - [5069-UM002](#), CompactLogix 5480 User Manual
 - [5069-UM001](#), CompactLogix 5380 and Compact GuardLogix 5380 Controllers User Manual
 - [1769-UM021](#), CompactLogix 5370 Controllers User Manual
 - [1769-UM022](#), Compact GuardLogix 5370 Controllers User Manual
- Safety system reference manuals for GuardLogix and Compact GuardLogix controllers
 - [1756-RM012](#), GuardLogix 5580 and Compact GuardLogix 5380 Controller Systems Safety Reference Manual
 - [1756-RM099](#), GuardLogix 5570 and Compact GuardLogix 5370 Controller Systems Safety Reference Manual
 - [1756-RM093](#), GuardLogix Controller Systems Safety Reference Manual (*for GuardLogix 5570, GuardLogix 5560, and 1768 Compact GuardLogix Safety controllers using RSLogix 5000® version 20 and earlier*)

Replacement Guidelines

- [1756-RM100](#), Replacement Guidelines: Logix 5000 Controllers Reference Manual Guidelines for replacing the following:
 - ControlLogix 5560 or ControlLogix 5570 controller with a ControlLogix 5580 controller
 - GuardLogix 5560 or GuardLogix 5570 controller with a GuardLogix 5580 controller
 - CompactLogix 5370 L3 controller to CompactLogix 5380 controller

Network and Communication Modules Resources

Reference and task-based information to help you design and implement an Ethernet network, and use EtherNet/IP communication modules in a Logix 5000 control system.

Selection and Specifications

- [1756-TD003](#), 1756 ControlLogix Communication Modules Specifications

Design and Application Considerations

- [ENET-RM002](#), Ethernet Design Considerations Reference Manual
- [ENET-AT001](#), EtherNet/IP QuickConnect Application Technique
- [ENET-AT002](#), EtherNet/IP Socket Interface Application Technique
- [ENET-AT006](#), EtherNet/IP Parallel Redundancy Protocol Application Technique
- [ENET-AT007](#), EtherNet/IP Device Level Ring Application Technique

Manuals

- [ENET-UM006](#), EtherNet/IP Network Configuration User Manual
 - Overview of EtherNet/IP communication modules in Logix 5000 control systems; describes features and tasks that are common to EtherNet/IP network devices
- [ENET-UM004](#), ControlLogix EtherNet/IP Network Devices User Manual
 - Describes features and tasks that are specific to 1756 ControlLogix EtherNet/IP communication modules in Logix 5000 control systems
- [CNET-RM001](#), ControlNet to EtherNet/IP Migration Reference Manual
 - Provides information to migrate from an existing ControlNet® network to an EtherNet/IP™ network

Instructions and Programming Resources

Information to help you use Studio 5000 Logix Designer application to program your control system.

Logix 5000 Controllers Instructions

- [1756-RM003](#), General Instructions Reference Manual
- [MOTION-RM002](#), Motion Instructions Reference Manual
- [1756-RM006](#), Advanced Process Control and Drives Instructions Reference Manual
- [1756-RM095](#), GuardLogix Safety Application Instruction Set Reference Manual
- [1756-RM087](#), Execution Time and Memory Use Reference Manual

Logix 5000 Controllers Common Procedures

These manuals describe common procedures for programming and operating Logix 5000 controllers: 1756 ControlLogix, 1756 GuardLogix, 1769 CompactLogix, 1769 Compact GuardLogix, 5069 CompactLogix, and Studio 5000 Logix Emulate™.

[1756-PM001](#), Logix 5000 Controllers Common Procedures Programming Manual (*provides links to the manuals in the following list*)

- [1756-PM010](#), Add-On Instructions Programming Manual
- [1756-PM013](#), ASCII Strings Programming Manual
- [1756-PM020](#), Data Access Programming Manual
- [1756-PM002](#), EDS AOP Guidelines for Studio 5000 Logix Designer Programming Manual
- [1756-PM009](#), Function Block Diagram Programming Manual
- [1756-PM018](#), IEC 61131-3 Compliance Programming Manual
- [1756-PM019](#), Import/Export Project Components Programming Manual
- [1756-PM015](#), Information and Status Programming Manual
- [1756-PM004](#), I/O and Tag Data Programming Manual
- [1756-PM008](#), Ladder Diagram Programming Manual
- [1756-PM014](#), Major, Minor, and I/O Faults Programming Manual
- [1756-PM012](#), Messages Programming Manual
- [1756-PM017](#), Nonvolatile Memory Card Programming Manual
- [1756-PM011](#), Produced and Consumed Tags Programming Manual
- [1756-PM021](#), Program Parameters Programming Manual
- [1756-PM016](#), Security Programming Manual
- [1756-PM006](#), Sequential Function Charts Programming Manual
- [1756-PM007](#), Structured Text Programming Manual
- [1756-PM005](#), Tasks, Programs, and Routines Programming Manual

Programming Manuals

- [LOGIX-UM003](#), Studio 5000 Application Code Manager User Manual
- [LOGIX-UM006](#), Logix Designer and Library Object Manager User Manual
- [LDCT-UM001](#), Logix Designer Compare Tool User Manual
- [LOGIX-UM001](#), PhaseManager™ Software User Manual
- [1756-RM084](#), Import/Export Reference Manual
- [1756-RM085](#), Converting PLC-5® or SLC™ 500 Logic to Logix5550® Logic Reference Manual

Security Resources

Resources to help you configure and use Rockwell Automation products to improve the security of your automation system.

- [SECURE-UM001](#), Security Configuration User Manual
- [SECURE-RM001](#), System Security Design Guidelines
- [SECURE-AT001](#), CIP Security™ with Rockwell Automation Products Application Technique
- [1783-UM013](#), CIP Security Proxy User Manual

I/O Modules and Adapters Resources

Reference and task-based information to help you install, configure, and operate I/O modules in a Logix 5000 control system. The products in this section are compatible with our newest controller platforms. To find manuals for other distributed I/O families, visit our Technical Documentation Center at rok.auto/techdocs.

Selection and Specifications

- [1756-TD002](#), ControlLogix I/O Modules Technical Data Specifications
- [1715-TD001](#), 1715 Redundant I/O System Technical Data Specifications
- [5069-TD001](#), Compact 5000 I/O Modules and EtherNet/IP Adapters Technical Data Specifications
- [5094-TD001](#), FLEX 5000 I/O Modules Technical Data Specifications

Manuals

- 1756 ControlLogix I/O Modules
 - [1756-UM058](#), ControlLogix Digital I/O Modules User Manual
 - [1756-UM009](#), ControlLogix Analog I/O Modules User Manual
- 1715 Redundant I/O System
 - [1715-UM001](#), 1715 Redundant I/O System User Manual
- Compact 5000 I/O Modules
 - [5069-UM007](#), Compact 5000 EtherNet/IP Adapters User Manual
 - [5069-UM004](#), Compact 5000 Digital I/O Modules User Manual (*includes standard and safety I/O*)
 - [5069-UM005](#), Compact 5000 Analog I/O Modules User Manual
 - [5069-UM006](#), Compact 5000 Series High-speed Counter Modules User Manual
 - [5069-UM003](#), Compact 5000 I/O Serial Module User Manual
- FLEX 5000 I/O Modules
 - [5094-UM005](#), FLEX 5000 EtherNet/IP Adapters User Manual
 - [5094-UM001](#), FLEX 5000 Standard and Safety Digital I/O Modules User Manual
 - [5094-UM002](#), FLEX 5000 Analog I/O Modules User Manual
 - [5094-UM003](#), FLEX 5000 High-speed Counter Module User Manual
 - [5094-UM007](#), FLEX 5000 Analog Isolated Current/Voltage/HART Input and Output Modules

Operator Interface Resources

Reference and task-based information to help you install, configure, and operate graphic terminals in a Logix 5000 control system. To find manuals for other PanelView products, visit our Technical Documentation Center at rok.auto/techdocs.

Selection and Specifications

- [VIEW-SG001](#), Visualization Solutions Selection Guide
- [2715P-TD001](#), PanelView 5510 Terminals Technical Data Specifications
- [2713P-TD001](#), PanelView 5310 Terminals Technical Data Specifications
- [2711P-TD008](#), Bulletin 2711P PanelView Plus 7 Standard Terminals Technical Data Specifications
- [2711P-TD009](#), Bulletin 2711P PanelView Plus 7 Performance Terminals Technical Data Specifications

Manuals

- [9343-GR001](#), Studio 5000 View Designer Getting Results Guide
- [9324-UM001](#), Studio 5000 View Designer User Manual
- [2715P-UM001](#), PanelView 5510 Terminals User Manual
- [2713P-UM001](#), PanelView 5310 Terminals User Manual
- [2711P-UM007](#), Bulletin 2711P PanelView Plus 7 Standard Terminals User Manual
- [2711P-UM008](#), Bulletin 2711P PanelView Plus 7 Performance Terminals User Manual

Motion Resources

Reference and task-based information to help you configure and startup a motion solution.

- [MOTION-UM003](#), Integrated Motion on the EtherNet/IP Network Configuration and Startup User Manual
- [MOTION-RM003](#), Integrated Motion on the EtherNet/IP Network Reference Manual (*AXIS_CIP_DRIVE attributes and integrated motion on the EtherNet/IP network control modes and methods*)
- [MOTION-UM002](#), Motion Coordinate System User Manual
- [MOTION-ATO05](#), Motion System Tuning Application Technique (*tuning a Kinetix drive system*)
- [IA-ATO03](#), Integrated Architecture and CIP Sync™ Configuration Application Technique
- [MOTION-UM001](#), SERCOS and Analog Motion Configuration and Startup User Manual

Drives Resources

Reference and task-based information to help you install, configure, and operate Allen-Bradley® Drives in a Logix 5000 control system. To find manuals for other Kinetix Servo Drive or PowerFlex Drive products, visit our Technical Documentation Center at rok.auto/techdocs.

Selection and Specification

- Kinetix EtherNet/IP Servo Drives
 - [KNX-SG001](#), Kinetix Motion Control Selection Guide
 - [KNX-TD003](#), Kinetix Servo Drives Specifications Technical Data
 - [KNX-TD004](#), Kinetix Motion Accessories Specifications Technical Data
- PowerFlex 755T AC Drives
 - [PFLEX-SG002](#), PowerFlex Low Voltage Drive Selection Guide
 - [750-TD100](#), PowerFlex 750-series Products with TotalFORCE Control Technical Data

Manuals

- Kinetix 5100 Single-axis EtherNet/IP Servo Drives
 - [KNX-RM011](#), Kinetix 5100 Drive Systems Design Guide
 - [2198-UM004](#), Kinetix 5100 Single-axis EtherNet/IP Servo Drives User Manual
- Kinetix 5300 Single-axis EtherNet/IP Servo Drives
 - [KNX-RM012](#), Kinetix 5300 Drive Systems Design Guide
 - [2198-UM005](#), Kinetix 5300 Single-axis EtherNet/IP Servo Drives User Manual
- Kinetix 5500 EtherNet/IP Servo Drives
 - [KNX-RM009](#), Kinetix 5500 Drive System Design Guide
 - [2198-UM001](#), Kinetix 5500 Servo Drives User Manual
- Kinetix 5700 EtherNet/IP Servo Drives
 - [KNX-RM010](#), Kinetix 5700 Drive Systems Design Guide
 - [2198-UM002](#), Kinetix 5700 Servo Drives User Manual
 - [2198-RM001](#), Kinetix 5700 Safe Monitor Functions Safety Reference Manual
- PowerFlex 755T AC Drives
 - [750-UM004](#), PowerFlex 755/755T Integrated Safety - Safe Torque Off Option Module User Manual
 - [750-UM005](#), PowerFlex 755/755T Integrated Safety Functions Option Module User Manual
 - [750-PM101](#), PowerFlex Drives with TotalFORCE Control Programming Manual - Firmware Revision 10 or later
 - [750-PM100](#), PowerFlex Drives with TotalFORCE Control Programming Manual - Firmware Revision 6 or earlier
 - [750-RM100](#), PowerFlex 750-Series Products with TotalFORCE Control Reference Manual

Replacement Guidelines

- Kinetix 5100 EtherNet/IP Servo Drives
 - [2198-RM004](#), Kinetix 300 to Kinetix 5100 Servo Drives
 - [2198-RM003](#), Ultra3000 to Kinetix 5100 Servo Drives
- Kinetix 5300 EtherNet/IP Servo Drives
 - [2198-RM005](#), Kinetix 350 to Kinetix 5300 Servo Drives
 - [2198-RM006](#), Ultra3000 Digital Servo Drives to Kinetix 5300 Servo Drives
- Kinetix 5500 EtherNet/IP Servo Drives
 - [2093-AP001](#), Kinetix 2000 Multi-axis Servo Drives to Kinetix 5500 Servo Drives
 - [2098-AP002](#), Ultra3000 Digital Servo Drives to Kinetix 5500 Servo Drives
- Kinetix 5700 EtherNet/IP Servo Drives
 - [2198-RM002](#), Kinetix 6000 Servo Drives to Kinetix 5700 Servo Drives
- PowerFlex 755T AC Drives
 - [750-RM003](#), PowerFlex 700AFE to PowerFlex 755TM Regenerative Bus Supply
 - [750-RM004](#), PowerFlex 700S Phase II Drives to PowerFlex 755TL/TR Drives and PowerFlex 755TM Common Bus Inverters

Additional Resources

These resources also provide helpful information for Logix 5000 control systems.

Resource	Description
Product Selection and Configuration website, rok.auto/systemtools	Provides tools for product selection, control systems configuration, safety systems configuration, and power and motion systems.
Sample Code Library, rockwellautomation.com/global/sample-code/overview.page	Share or download logic, HMI, and drives code.
Industrial Components Preventive Maintenance, Enclosures, and Contact Ratings Specifications, publication IC-TD002	Provides a quick reference tool for Allen-Bradley industrial automation controls and assemblies.
Safety Guidelines for the Application, Installation, and Maintenance of Solid-State Control, publication SGI-1.1	Designed to harmonize with NEMA Standards Publication No. ICS 1.1-1987 and provides general guidelines for the application, installation, and maintenance of solid-state control in the form of individual devices or packaged assemblies incorporating solid-state components.
Industrial Automation Wiring and Grounding Guidelines, publication 1770-4.1	Provides general guidelines for installing a Rockwell Automation industrial system.
Product Certifications website, rok.auto/certifications .	Provides declarations of conformity, certificates, and other certification details.

You can view or download publications at rok.auto/literature

Rockwell Automation Support

Use these resources to access support information.

Technical Support Center	Find help with how-to videos, FAQs, chat, user forums, and product notification updates.	rok.auto/support
Knowledgebase	Access Knowledgebase articles.	rok.auto/knowledgebase
Local Technical Support Phone Numbers	Locate the telephone number for your country.	rok.auto/phonesupport
Technical Documentation Center	Access technical documentation organized by product family.	rok.auto/techdocs
Literature Library	Search for installation instructions, manuals, brochures, and technical data publications.	rok.auto/literature
Product Compatibility and Download Center (PCDC)	Get help determining how products interact, check features and capabilities, and find associated firmware.	rok.auto/pcdc

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