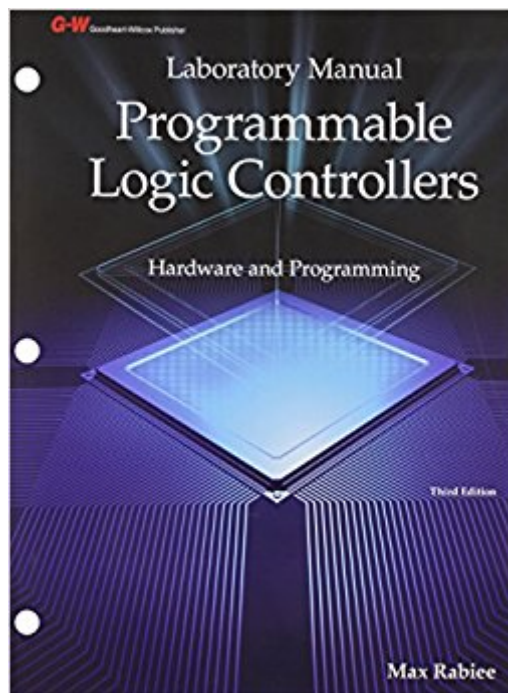




The book was found

# Programmable Logic Controllers: Hardware And Programming - Laboratory Manual



## Synopsis

Programmable Logic Controllers begins by covering the hardware and architecture of the Allen-Bradley Small Logic Controller (SLC 500) series of PLCs. I/O devices and motor controls are also covered as well as commonly used number systems, such as binary and BCD. PLC programming is introduced by reviewing and creating examples of relay ladder diagrams. In the following chapter, students are given guidelines and examples for creating PLC ladder diagrams based on relay ladder diagrams. Throughout the rest of the textbook, the most common PLC functions are presented, and practical examples are given based on the Allen-Bradley RSLogix programming software. The Laboratory Manual provides LogixPro activities that help students practice and hone their PLC programming skills. Included in the textbook is a CD-ROM containing LogixPro simulation software. The software allows students to practice and develop their programming skills when and where they want. LogixPro is not a replacement for RSLogix, nor is there support for file exchange or communication with actual Allen-Bradley products. LogixPro provides a complete software-based training solution, eliminating the need for expensive PLC equipment.

## Book Information

Paperback: 340 pages

Publisher: Goodheart-Willcox; 3rd edition (September 13, 2012)

Language: English

ISBN-10: 1605259489

ISBN-13: 978-1605259482

Product Dimensions: 8.5 x 0.7 x 10.8 inches

Shipping Weight: 1.4 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 2 customer reviews

Best Sellers Rank: #493,108 in Books (See Top 100 in Books) #29 in [Books > Engineering & Transportation > Engineering > Electrical & Electronics > Circuits > Logic](#) #219 in [Books > Education & Teaching > Schools & Teaching > Counseling > Career Development](#) #272 in [Books > Computers & Technology > Computer Science > Robotics](#)

## Customer Reviews

Max Rabiee earned his Ph.D. in electrical engineering from the University of Kentucky. He has taught electrical engineering (EE) and electrical/computer engineering technology (ECET) courses for over 20 years. Dr. Rabiee is a registered professional engineer (since 1988) who worked as a

control engineer for several years. He was a senior electrical engineer for over four years in charge of medium and large industrial control projects. Dr. Rabiee is a member of the American Society of Engineering Education (ASEE), the Institute of Electrical and Electronics Engineers (IEEE), the National Association of Industrial Technology (NAIT), the Eta Kappa Nu Electrical Engineering Honor Society, and the Tau Beta Pi Engineering Honor Society.

Great value, good product and prompt service! I would recommend you to anyone. Thanks!

Great

[Download to continue reading...](#)

Programmable Logic Controllers: Hardware and Programming - Laboratory Manual  
Programmable Logic Controllers: Hardware and Programming  
Programmable Logic Controllers: Laboratory Manual  
Mitsubishi FX Programmable Logic Controllers, Second Edition: Applications and Programming  
Mitsubishi FX Programmable Logic Controllers: Applications and Programming  
Programmable Logic Controllers: Programming Methods and Applications  
LogixPro PLC Lab Manual for Programmable Logic Controllers  
Fundamentals of Programmable Logic Controllers, Sensors, and Communications (3rd Edition)  
Programmable Logic Controllers: Principles and Applications (5th Edition)  
Digital Systems Design and Prototyping: Using Field Programmable Logic and Hardware Description Languages  
Programmable Logic Controllers  
Programmable Logic Controllers (2nd Edition)  
Programmable Logic Controllers, Third Edition  
Introduction to Programmable Logic Controllers, 3rd Edition  
Programmable Logic Controllers Textbook w/ PLC Stimulation Software  
Programmable Logic Controllers with ControlLogix  
Introduction to Programmable Logic Controllers  
Programmable Logic Controllers, Fourth Edition  
Introduction to Programmable Logic Controllers: The Mitsubishi FX  
Python Programming: Python Programming for Beginners, Python Programming for Intermediates, Python Programming for Advanced

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)