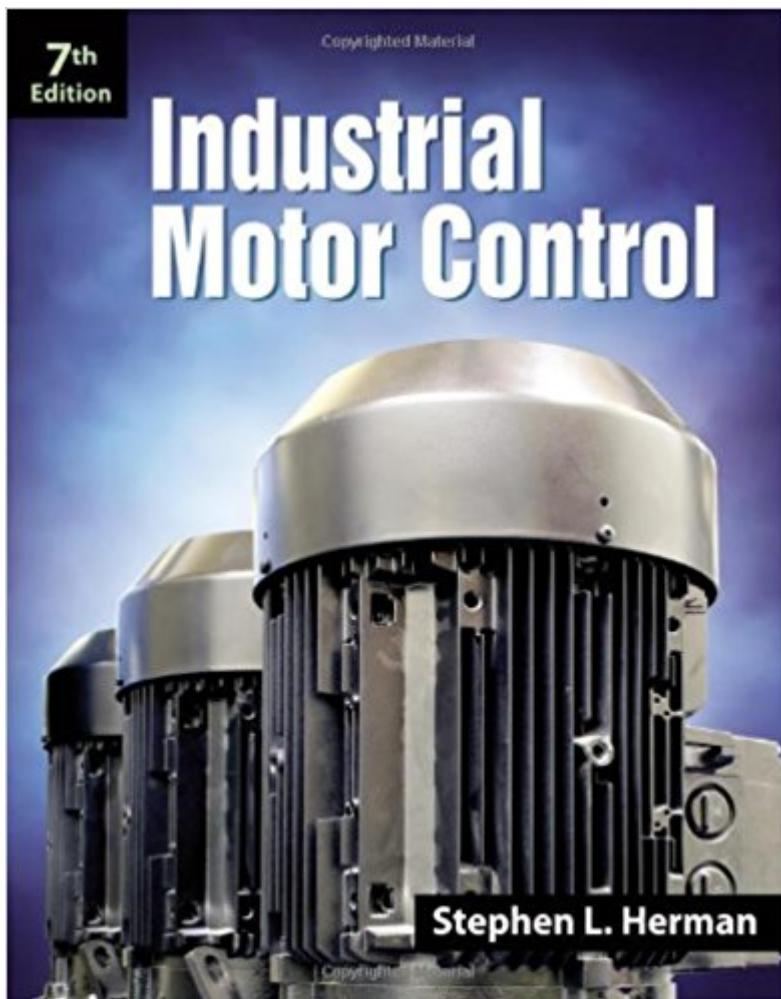


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# Industrial Motor Control



## **Synopsis**

INDUSTRIAL MOTOR CONTROL 7E is an integral part of any electrician training. Comprehensive and up to date, this book provides crucial information on basic relay control systems, programmable logic controllers, and solid state devices commonly found in an industrial setting. Written by a highly qualified and respected author, you will find easy-to-follow instructions and essential information on controlling industrial motors and commonly used devices in contemporary industry. INDUSTRIAL MOTOR CONTROL 7E successfully bridges the gap between industrial maintenance and instrumentation, giving you a fundamental understanding of the operation of variable frequency drives, solid state relays, and other applications that employ electronic devices.

## **Book Information**

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Average Customer Review: 4.5 out of 5 stars 17 customer reviews

Best Sellers Rank: #46,964 in Books (See Top 100 in Books) #4 in Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electric Machinery & Motors #35 in Books > Crafts, Hobbies & Home > Home Improvement & Design > How-to & Home Improvements > Electrical #36 in Books > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Robotics & Automation

## **Customer Reviews**

Stephen L. Herman is a retired electrician and teacher with more than 30 years of experience to his credit. A seasoned author, his reader-friendly textbooks on electricity and mathematics are popular with students and instructors alike. For two decades Mr. Herman was lead instructor for the Electrical Technology Curriculum at Lee College in Baytown, Texas, where he received an Excellence in Education Award from the Halliburton Education Foundation. He also taught at Randolph Community College in Asheboro, N.C., for nine years and helped establish an electrical curriculum for Northeast Texas Community College in Mount Pleasant, Texas. His additional publications include ELECTRIC MOTOR CONTROL, ELECTRICITY AND CONTROLS FOR

HVAC/R, INDUSTRIAL MOTOR CONTROLS, UNDERSTANDING MOTOR CONTROLS, ELECTRONICS FOR ELECTRICIANS, ELECTRICAL WIRING INDUSTRIAL, ALTERNATING CURRENT FUNDAMENTALS, DIRECT CURRENT FUNDAMENTALS, ELECTRICAL STUDIES FOR TRADES, ELECTRICAL PRINCIPLES, ELECTRICAL TRANSFORMERS AND ROTATING MACHINES, EXPERIMENTS IN ELECTRICITY FOR USE WITH LAB VOLT EQUIPMENT, THE COMPLETE LABORATORY MANUAL FOR ELECTRICITY, and PRACTICAL PROBLEMS IN MATHEMATICS FOR ELECTRICIANS.

This Industrial Motor Control book was ordered for electrical school. It wasn't very exciting, but definitely educational. It held up well the whole year and is still in great shape. I guess you could say this book was made with industrial materials. I liked how easy it was to follow and comprehend. The layout was easy on the eyes and it was pretty interesting if you are interested in learning about construction and electrical. This book shipped fast, held up great and I learned a lot. What more can you ask for? I don't know what else to say about this book. I wouldn't have bought it, but it was required. I plan on passing it down to a co-worker who will be taking the class next year. It is not a read that I would sit down and dive in to, but it was sort of interesting to read along with the worksheets and homework. I do like the cover, it is not your boring textbook cover. The pictures and visual guides were helpful and used a lot. The font size was comfortable. This book was heavy though, and if I had to get it again, I might see if it came in an E-Book to save some backpack space. It went well with the National Electric Code book, and I passed the class. I do look back on what I learned occasionally when I am solving a problem at work. I guess that counts for something. Industrial Motor Control was a very educational book and a great classroom tool.

I have been extremely impressed with both the book and the length of time the book took to be shipped to me with the standard shipping option. I own several books related to the topics discussed in this book, and believe this one is by far the best I have come across. It covers a broad range of controls from reading control schematics, traditional electrical controls such as contactors, starters, relays etc, and further gets into bridging the gap into the modern age types of controls involving PLCs, drives, and the electronic components that make up these devices. I really like the pictures that go along with the book as they help the reader visualize the subjects. I don't have too many negatives about this book other than the chapter on VFDs is extremely short and mostly an overview without getting into wiring specifics as far as hooking them up to PLCs, PID etc. I know a lot of the wiring that relates to this is mfg and parameter specific, but as an electrical

contractor that was one area I wanted to know more about. Overall great book for touching on almost all aspects of the trade. Also I never read any of the older editions so I can't compare them.

The book is very good for new technicians only, if you have several years of experience then I don't recommend this book for you. I expected more details about the different motor starting circuits used in the industry and not just the general concept of the relay logic used for building such circuits.. The book follows NEMA standard so the electrical symbols used are according to that standard and not the IEC (check which one you need before buying the book). Besides that, the book is really nice and clear, the author is using so many useful photos to explain his ideas.

Great product

This is a staple in the electrical industry. I owned a 1990s hardcover and bought the updated Kindle edition as a replacement. I found one minor typo in the text. It is otherwise perfect.

Book is very clean look like its new.little late due to weather condition .but its OK.

It has simple explanation

Bought this for my employees. They are happy that it has been added to their library and it is referenced frequently.

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