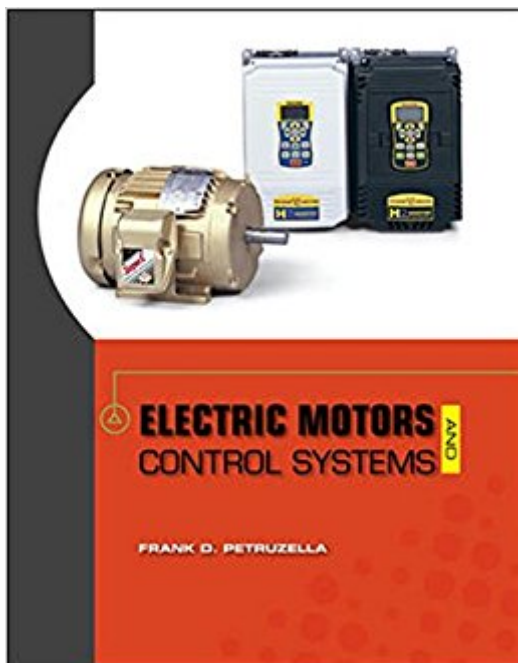


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Electric Motors And Control Systems



Synopsis

This book has been written for a course of study that will introduce the reader to a broad range of motor types and control systems. It provides an overview of electric motor operation, selection, installation, control and maintenance. Every effort has been made in this first edition text to present the most up-to-date information which reflects the current needs of the industry. The broad based approach taken makes this text viable for a variety of motors and control systems courses. Content is suitable for colleges, technical institutions, vocational/technical schools as well as apprenticeship and journeymen training. Electrical apprentices and journeymen will find this book to be invaluable due to Electrical Code references applicable to the installation of new control systems and motors, as well as information on maintenance and troubleshooting techniques. Personnel involved in the motor maintenance and repair will find this book to be a useful reference text. The text is comprehensive! It includes coverage of how motors operate in conjunction with their associated control circuitry. Both older and newer motor technologies are examined. Topics covered range from motor types and controls to installing and maintaining conventional controllers, electronic motor drives and programmable logic controllers. Also Available! Activities Manual for Electric Motors and Control Systems SAVE WHEN YOU BUY A PACKAGE! Electric Motors & Control Systems 1/e Textbook + Activities Manual ISBN: 007-808204-8

Book Information

Paperback: 296 pages

Publisher: McGraw-Hill Education; 1 edition (May 8, 2009)

Language: English

ISBN-10: 0073521825

ISBN-13: 978-0073521824

Product Dimensions: 8.6 x 0.4 x 11 inches

Shipping Weight: 1.4 pounds

Average Customer Review: 4.8 out of 5 stars 15 customer reviews

Best Sellers Rank: #664,917 in Books (See Top 100 in Books) #100 in [Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electric Machinery & Motors](#) #249 in [Books > Engineering & Transportation > Engineering > Electrical & Electronics > Digital Design](#) #1135 in [Books > Textbooks > Engineering > Mechanical Engineering](#)

Customer Reviews

Frank D. Petruzella has extensive practical experience in the electrical control field, as well as many

years experience teaching and authoring textbooks. Before becoming a full time educator, he was employed as an apprentice and electrician in areas of electrical installation and maintenance. He holds a Master of Science degree from Niagara University, a Bachelor of Science degree from the State University of New York College - Buffalo, as well as diplomas in Electrical Power and Electronics from the Erie County Technical Institute.

This book covers electric Motor Control systems and serves as a great overview. Some chapters have material that is already covered in previous sections but it goes into greater detail. This book covers classification, operation, wiring, safety, installation, troubleshooting, codes, et cetera. If you want to familiarize yourself with motor control systems Frank Petruzella does a great job at laying it down. I've needed this for an Industrial Electronics class as required text, and I've aced it.

This book contains loads of info in an easy to read, follow and understand format. I took a class at the local community college on electric motors and controls and bought this book because the book we used was worthless. THIS book however is most excellent. This book contains:-Troubleshooting Scenarios-helps you develop a systematic approach on troubleshooting.-Review Questions- follow each section, helping you to maintain what you have just learned.-Discussion topics and critical thinking-Chapter objectives-show you what the chapter will cover, what you can expect to learn.-Loads of diagrams and photosCovers a broad range of motor types and control systems. Too much info to cover here. Highly recommended.

Fantastic service great quality thanks

A lot of good information about motors and controllers.

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#!1

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