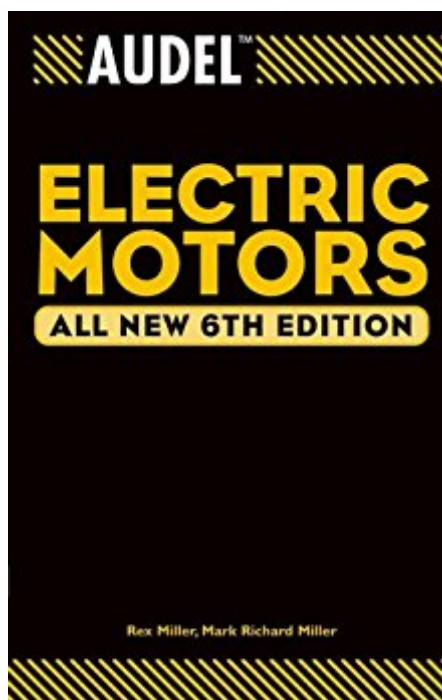


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# Audel Electric Motors (Audel Technical Trades Series)



## Synopsis

Here's the ultimate motor tool. If you need information about installing, repairing, and maintaining any type of electric motor, this book belongs in your toolbox. Completely revised and illustrated, it covers principles of motor function, choosing and replacing motors, identifying and repairing common problems, performing routine maintenance, and more, all without excessive math. It's the guide your father relied on, now fully updated for the twenty-first century.

- \* Understand both AC and DC motor function and operation
- \* Repair small series motors and troubleshoot special types of motors
- \* Compare methods of motor control, including various switches, starters, and timing relays
- \* Troubleshoot fractional horsepower motors, including split-phase induction, capacitor start, repulsion, shaded-pole, hysteresis synchronous, and universal motors
- \* Learn the best procedures for stripping and rewinding armatures and stators
- \* Modify AC motors for speed control
- \* Discover which tools and supplies you'll always need

## Book Information

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## Customer Reviews

So I purchased this book to get the latest knowledge on motors, but instead I purchased a poorly

written book by two teachers who have never done any of the work they are trying to outline in this text, I am an Industrial Electronics and motor control Maintenance Technician with 25 years experience, so I know what I am talking about, after reading this poorly written and presented collection of really bad ideas on how to troubleshoot motors I could write a much better book than this collection of trash! All of the ideas pictures and concepts presented in this text have been obsolete for about 30 years. My text books from college are about 15 years more advanced than this book and they were written in 1984. I noticed there are no line diagrams or much mention of programmable controls, or timers and relays, overload heaters for motor overcurrent protection instead of the fuses listed, you don't use fuses to protect a motor you use overload heaters an industry standard, these guys don't have a clue of how to troubleshoot a motor or check for amperage draw from a motor, you use a digital clamp on ammeter not a hardwired inline ammeter, they don't explain how to ohm out a motor with a meter or use a megger to test insulation. It also looks like they got a really old square D catalog and used the pictures out of it for the book they are poorly reproduced, but if your are looking for info and circuits and trouble shooting techniques manufactures of components and motor starters and motors can give you much better and updated info from there website than you can derive from this peice of drive!!! I could not recommend this text to anyone who wants to learn about motors, if you think this is a good book then you know absolutely nothing about motors and controls or troubleshooting, american technical publishers produce some of the best motor and control books. Not a del.

Nice book

very helpful only issue is the print size needs to be larger

Not complete but good enough. Should be part of your technical library if you have the room on the shelf and money for the purchase.

Valuable addition to electronics library of a newbie and DIY-er.

Thank you.

good

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