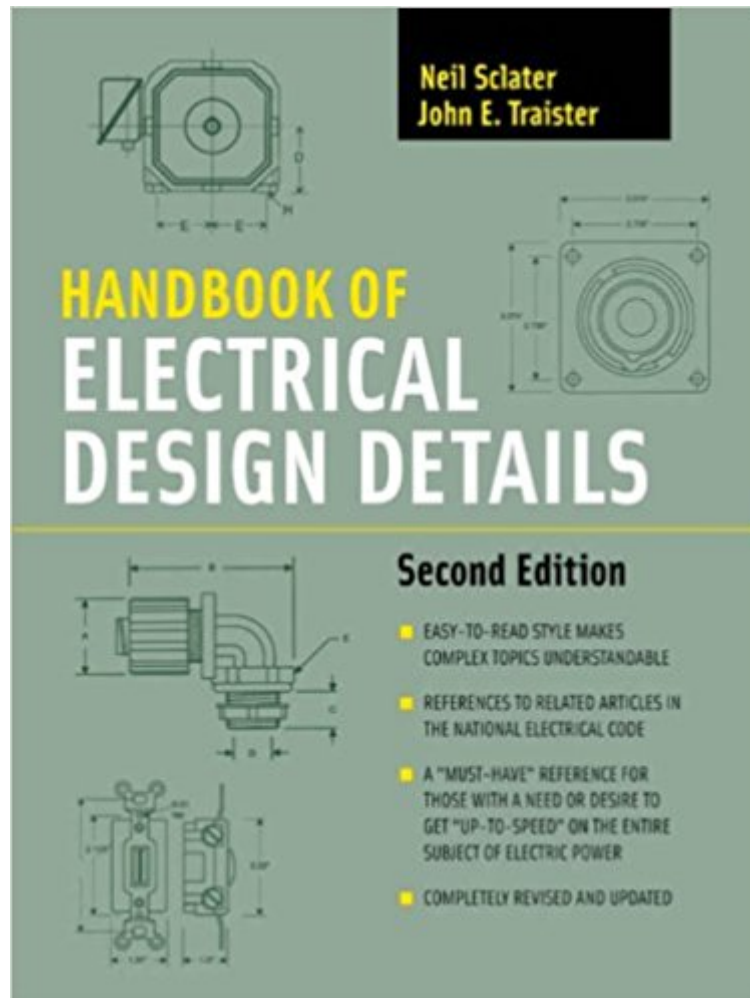




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Handbook Of Electrical Design Details



Synopsis

A COMPREHENSIVE SOURCE OF TECHNICAL DETAILS ON ELECTRICAL POWER FROM GENERATION TO PRACTICAL APPLICATIONS Reliable, low-cost electric power is a fundamental requirement for modern society, making possible such vital services as lighting, HVAC, transportation, communication, and data processing, in addition to driving motors of all sizes. A mainstay of industrial productivity and economic prosperity, it is also essential for safeguarding human life and health. This handbook is a valuable information resource on electric power for everyone from technical professionals to students and laypeople. This compact, user-friendly edition updates and expands on the earlier edition. Its core content of power generation, distribution, lighting, wiring, motors, and project planning has been supplemented by new topics: * CAD for preparing electrical drawings and estimates* Basic switch and receptacle circuit wiring* Structured wiring for multimedia* Swimming pool and low-voltage lighting* Electrical surge protection An easy-to-read style makes complex topics understandable. It's a must-have reference for those with a need or desire to get up to speed on the entire subject of electric power or just familiarize themselves with the latest advances--regardless of their formal education or training. Reader-helpful features in this edition include: * Up-front chapter summaries to save time in finding topics of interest.* References to related articles in the National Electrical Code.* A bibliography identifying additional sources for digging deeper.* Approximately 300 illustrations

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I am an Electrical Designer & CAD Designer and this book is very handy to have around

This book is huge - but a lot of the details are not practical to the average electrical engineer. How many details of junction boxes and fittings do we need ? About 20% of the details are worth having. However, the book has good technical discussions. The sample specifications are useful as a commercial grade "sheet" specification, but not full book specification. Please note that the book says that you can write for an electronic copy of the specifications included in the book. Sad to say, the author has passed away since it was written and his firm does not provide the specifications on disk. If you are looking for a good electrical power reference book - look to Bob Hickey's Electrical Engineers Portable Handbook.

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