



Electrician's Technical Reference: Motors

By Carpenter, David

Cengage Learning, 1998. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service!
 Summary: PART I: GENERAL INFORMATION. UNDERSTANDING NAMEPLATE INFORMATION: Cases Study. MOTOR THEORY: Motor Operation. Magnetic Fields and Forces in a Motor. Motor. Motor Construction. Rotating Magnetic Fields. Electric Motor Output. How to Determine the Horsepower of a Motor. Speed. Speed Regulation. Formulas for Speed. Speed Categories. Torque. Torque, Voltage, and Current Relationship of the Motor. MOTOR LOSSES. MOTOR EFFICIENCY. MOTOR STARTING CURRENT. MOTOR MAINTENANCE AND INSTALLATION: Bearings. Maintenance and Installation of Bearings. MAINTENANCE CHECKS OF A MOTOR: Preventive maintenance checklist. ENCLOSURES. BRAKES: Dynamic. Braking. DC Braking. Mechanical Brakes. Disk Brake. 2 DESIGNING MOTOR FEEDER, BRANCH CIRCUIT, OVERLOADS AND MOTOR APPLICATIONS. THE PURPOSE OF OVERLOADS: Principles of Overload Operation. Thermal, Bi-metallic, Relay and Electronic Overloads. Designing Overload Protection. Applying Overload Protection (Heaters). DESIGN AND APPLICATION OF BRANCH CIRCUIT PROTECTION: Principles of Overcurrent Protection. The Typical Methods of Overcurrent Protection. Sizing Branch Circuit Conductors. Sizing Wound Rotor Circuit Conductors. Sizing Branch Circuit Overcurrent Protection. DESIGNING AND APPLICATION OF FEEDER PROTECTION: Principles of Overcurrent Protection. The Typical Methods of Overcurrent Protection. Sizing Feeder Conductors. Sizing Feeder Circuit Overcurrent Protection. DESIGN AND APPLICATION OF DISCONNECTING MEANS: Sizing

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Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)

HarperCollins, 2005. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Foreword by Raph Koster. Introduction. I. EXECUTIVE CONSIDERATIONS. 1. The Market. Do We Enter the Market? Basic Considerations. How and Which Niche? Market Analysis: Who Are...



The Web Collection Revealed, Premium Edition: Adobe Dreamweaver CS6, Flash CS6, and Photoshop CS6 (Stay Current with Adobe Creative Cloud)

Cengage Learning, 2012. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: You can now maximize and integrate the design and development power of Adobe Creative Suite 6 with WEB COLLECTION REVEALED PREMIUM EDITION. This one of...



Star Flights Bedtime Spaceship: Journey Through Space While Drifting Off to Sleep

CreateSpace Independent Publishing Platform, 2013. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: "Star Flights Bedtime Spaceship" is a charming and fun story with the purpose to help children unwind and go to sleep. The underlying...



Maisy's Christmas Tree

Candlewick, 2014. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: The final scene of the gang caroling around the tree, complete with paper crowns from British Christmas crackers, is delightful. Toddlers celebrating the holiday will enjoy...



Too Old for Motor Racing: A Short Story in Case I Didnt Live Long Enough to Finish Writing a Longer One

Balboa Press. Paperback. Book Condition: New. Paperback. 106 pages. Dimensions: 9.0in. x 6.0in. x 0.3in. We all have dreams of what we want to do and who we want to become. Many of us eventually decide it is too late; we have missed...



I Am Reading: Nurturing Young Children s Meaning Making and Joyful Engagement with Any Book (Paperback)

Heinemann Educational Books, United States, 2015. Paperback. Book Condition: New. 234 x 185 mm. Language: English . Brand New Book. It s vital that we support young children s reading in ways that nurture healthy reading identities, that foster an attraction to...
