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This book is about Electricity and Controls for HVAC/R systems, edition 7. It covers the basics of electricity and its applications in heating and air conditioning. The book includes up-to-date information on motors, control devices, and safety codes. It has detailed diagrams and troubleshooting steps to help readers understand different types of circuits used in the HVAC/R industry. While the Seventh Edition of this comprehensive guide provides detailed schematic diagrams, step-by-step troubleshooting procedures, and vibrant photos, it also delves into the latest technology and developments in the HVAC-R field. With over 30 years of hands-on experience as an electrician and instructor, Stephen L. Herman brings his expertise to the table, offering a reader-friendly approach that has made him a renowned author in the field. As a seasoned author, Mr. Herman has written numerous leading books on electricity and mathematics that are popular among students and instructors alike. His extensive teaching background includes serving as 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. The book is divided into eight parts, covering fundamental concepts such as atomic structure, electrical quantities, and measuring instruments. It also explores control circuits, motors, transformers, control components, troubleshooting using control schematics, ice maker and refrigeration controls, and solid-state devices. Cengage Learning 2013 ISBN 10: 1133278205 / ISBN 13: 9781133278207 Electricity and Controls for HVAC-R, 7th Edition A Comprehensive Guide to Electric Systems for Heating, Ventilation, and Air-Conditioning Adobe Flash Player

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