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Electricity, Electronics, and Control Systems for HVAC (4th Edition)

By Kissell, Thomas E.

Prentice Hall, 2007. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Table of Contents 1. Safety Practices for HVAC 2. Fundamentals of Electricity 3. Electrical Circuits 4. Meters and Tools for HVAC 5. Components, Symbols and Diagrams for HVAC and Refrigeration Systems 6. Reading and Writing Schematic (Ladder) and Wiring Diagrams 7. Magnetism, Alternating Current, and Power Distribution 8. Installing HVAC and Refrigeration systems 9. Single-Phase Open Motors 10. Single-Phase Hermetic Motors 11. Three-Phase Open Motors and Three-Phase Hermetic Compressors 12. Relays, Contactors, Solenoids, Motor Starters and Overcurrent Controls 13. Thermostats, Pressure Controls and Timers 14. Controls for Gas, Electric and Oil Heating Systems 15. Controls for Air Conditioning Systems 16. Electrical Control of Heat Pump Systems 17. Electrical Control of Refrigeration Systems 18. Troubleshooting Modern Refrigeration, Heating, and Air-Conditioning Control Circuitry and Systems 19. Electronic Devices for HVAC Systems 20. Direct Digital Controls (DDC) And Programmable Logic Controllers (PLCS) 21. Getting and Keeping an HVAC and Refrigeration Job.



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Reviews

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