Electricity for Refrigeration, Heating and Air Conditioning

Smith, Russell E.

ISBN-13: 9781418042875

Table of Contents

Chapter 1 Electrical Safety Chapter 2 Basic Electricity Chapter 3 Electric Circuits Chapter 4 Electric Meters Chapter 5 Components, Symbols, and Circuitry of Air-Conditioning Wiring Diagrams Chapter 6 Reading Schematic Diagrams Chapter 7 Alternating Current, Power Distribution, and Voltage Systems Chapter 8 Installation of Heating, Cooling, and Refrigeration Systems Chapter 9 Basic Electric Motors Chapter 10 Components for Electric Motors Chapter 11 Contactors, Relays, and Overloads Chapter 12 Thermostats, Pressure Switches, and Other Electric Control Devices Chapter 13 Heating Control Devices Chapter 14 Troubleshooting Electric Control Devices Chapter 15 Air-Conditioning Control Systems Chapter 16 Control Systems: Circuitry and Troubleshooting Chapter 17 Troubleshooting Modern Refrigeration, Heating, and Air-Conditioning Control Circuitry and Systems Chapter 18 Solid-State Controls and Systems Glossary Index