

CONTENTS

	Page
1. Basic Electricity	1
2. Electric Circuits and Electric Meters	19
3. Components, Symbols, and Circuitry of Air - Conditioning Wiring Diagrams	45
4. Alternating Current, Power Distribution, and Voltage Systems	82
5. Installation of Heating, Cooling, and Refrigeration Systems	99
6. Basic Electric Motors	121
7. Components for Electric Motors	154
8. Contactors, Relays, and Overloads	175
9. Thermostats, Pressure Switches, and Other Electric Control Devices	195
10. Troubleshooting Electric Control Devices	231
11. Air – Conditioning Control Systems	246
12. Control Systems : Circuitry and Troubleshooting	271
13. Solid - State Controls and Systems	300
Index	337