

Electric Motor Control Learning System

85-MT5



Learning Topics:

- Manual Motor Control
- Overload Protection
- Control Transformers
- Control Ladder Logic
- Control Relays
- Motor Starters
- Component Troubleshooting
- System Troubleshooting
- Reversing Motor Control
- Automatic Input Devices
- Basic Timer Control
- Electrical Safety

Amatrol's Electric Motor Control Learning System (85-MT5) covers electric relay control of AC electric motors found in industrial, commercial, and residential applications. Learners study industry-relevant skills including how to operate, install, design, and troubleshoot AC electric motor control circuits for various applications.

Electric Motor Control includes a heavy-duty steel, bench-top workstation, a 3-phase AC induction motor, twelve control component panels, a handheld digital multi-meter, and extensive curriculum covering various motor control topics like electrical safety, component and system troubleshooting, and basic timer control. This system uses industrial-quality components that allow learners to practice with equipment that they will encounter on the job. Some of the major components that learners will work with include a control transformer, reversing contactors, manual motor starter, multi-function timer, and control relays.

Electric Motor Control teaches learners how to troubleshoot motor control circuits under realistic conditions. Circuit faults can be introduced using either the included manual fault insertion or through the optional Fault Troubleshooting System (850-FTS1), which includes Amatrol's FaultPro, the industry's leading electronic-fault insertion software.



Electric Motor Control Study Guide

K Morrison



Electric Motor Control Study Guide:

This book delves into Electric Motor Control Study Guide. Electric Motor Control Study Guide is a crucial topic that must be grasped by everyone, from students and scholars to the general public. This book will furnish comprehensive and in-depth insights into Electric Motor Control Study Guide, encompassing both the fundamentals and more intricate discussions.

1. This book is structured into several chapters, namely:
 - Chapter 1: Introduction to Electric Motor Control Study Guide
 - Chapter 2: Essential Elements of Electric Motor Control Study Guide
 - Chapter 3: Electric Motor Control Study Guide in Everyday Life
 - Chapter 4: Electric Motor Control Study Guide in Specific Contexts
 - Chapter 5: Conclusion
 2. In chapter 1, this book will provide an overview of Electric Motor Control Study Guide. The first chapter will explore what Electric Motor Control Study Guide is, why Electric Motor Control Study Guide is vital, and how to effectively learn about Electric Motor Control Study Guide.
 3. In chapter 2, this book will delve into the foundational concepts of Electric Motor Control Study Guide. This chapter will elucidate the essential principles that must be understood to grasp Electric Motor Control Study Guide in its entirety.
 4. In chapter 3, the author will examine the practical applications of Electric Motor Control Study Guide in daily life. The third chapter will showcase real-world examples of how Electric Motor Control Study Guide can be effectively utilized in everyday scenarios.
 5. In chapter 4, this book will scrutinize the relevance of Electric Motor Control Study Guide in specific contexts. The fourth chapter will explore how Electric Motor Control Study Guide is applied in specialized fields, such as education, business, and technology.
 6. In chapter 5, this book will draw a conclusion about Electric Motor Control Study Guide. This chapter will summarize the key points that have been discussed throughout the book.
- This book is crafted in an easy-to-understand language and is complemented by engaging illustrations. This book is highly recommended for anyone seeking to gain a comprehensive understanding of Electric Motor Control Study Guide.

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