

EA02: Overload/Overcurrent Protection and Monitoring

Catalogue Number	77-EA02-0000
Category	JobMaster
Duration	15 Hours

Introduction to Overload/Overcurrent Protection and Monitoring

Introduction

Safety

Skill 1: Drawing and Reading Circuit Protection Symbols

Electrical System Protection

Skill Overview

Skill Drill

Skill Completed

Skill 2: Sizing Fuses

Fuses

Skill Overview

Skill Drill

Skill Completed

Skill 3: Installing Fuses

The Fuse Block

Skill Overview

Skill Drill

Skill Completed

Skill 4: Testing and Replacing Fuses

Locating a Blown Fuse

Skill Overview

Skill Drill

Skill Completed

Skill 5: Performing Preventative Maintenance and Troubleshooting Fuse Blocks

Maintaining Fuse Blocks

Skill Overview

Skill Drill

Skill Completed

Skill 6: Sizing Circuit Breakers

Circuit Breakers

Skill Overview

Skill Drill

Skill Completed

Skill 7: Testing and Resetting a Circuit Breaker

Protecting Circuit Breakers

Skill Overview

Skill Drill

Skill Completed

Skill 8: Sizing and Installing an Overload Heater

Motor Overload Heaters

Skill Overview

Skill Drill

Skill Completed

Skill 9: Adjusting and Testing the Overload Relay

Adjusting Overload Relays

Skill Overview

Skill Drill

Skill Completed

Skill 10: Installing and Setting-Up a Three-Phase

Three-Phase Line Monitoring

Skill Overview

Skill Drill

Skill Completed

Comprehensive Post-Test