

Low Voltage Control – .5 Hours

Description – This training module is designed to acquaint students from beginner or expert with the essentials of low voltage motor control.

Learning Objectives:

Upon completion of this course, the student will be qualified to:

- Understand the differences between manual and magnetic control
- Understand low voltage codes and standards
- Identify what it takes to control starters
- Understand how to apply the different enclosure types
- Be familiar with a starter wiring diagram
- Recognize the differences between NEMA and IEC Standards
- Understand the different overload relay classes
- Understand the selection factors

Outline

- Manual Motor Starter
- Manual Motor Protector
- Magnetic Motor Starters
- Codes and Standards
- Starter Components
- Line Voltage Vs. Control Voltage
- Controlling the starter
- Starter wiring diagrams
- Enclosed Starters
- Applying different enclosure types
- Overload relay wiring classes
- IEC Vs. NEMA
- Selection Factors