

# Contactors – .5 Hours

**Description** – This training module is designed to show students from beginner or expert how and when contactors are applied.

## **Learning Objectives:**

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

- Understand the basic operation of a contactor
- Be familiar with contactor applications
- Identify when to use open or enclosed contactors
- Understand the advantages of using definite purpose contactors
- Be familiar with lighting contactor applications
- Recognize the differences between 2 wire and 3 wire control
- Understand the differences between electrically and mechanically held contactors
- Be able to cross reference lighting contactor brands
- Understand the selection factors

## **Outline**

- Basic Contactor Operation
- Contactor Applications
- Open and Enclosed Contactors
- Definite Purpose Contactors
- Lighting Contactors
- Electrically Held Contactors
- Mechanically Held Contactors
- Contactor wiring diagrams
- Codes and standards
- 2 wire control
- 3 wire control
- Lighting Contactor Cross referencing
- Selection Factors