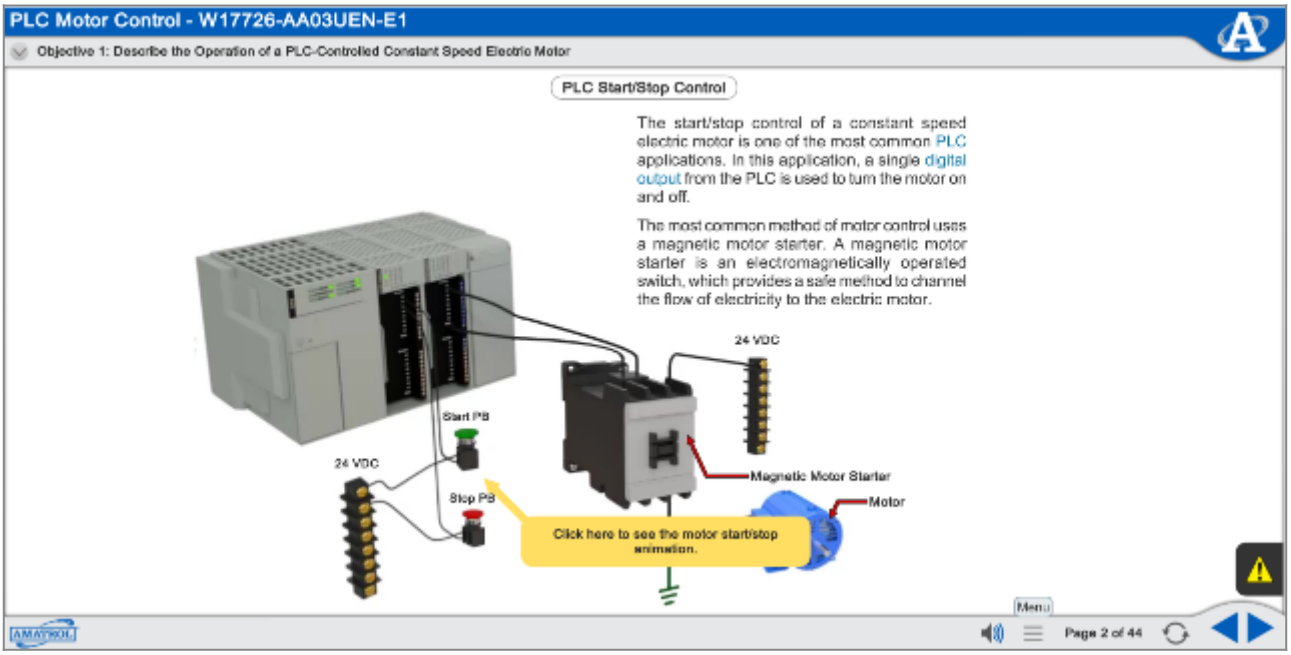
PLC Motor Control Training - Allen-Bradley Micro810 | eLearning Course



eLearning Course: M17726

Amatrol's PLC Motor Control Multimedia Courseware - AB Micro810 eLearning course (M17726) teaches learners a variety of topics, such as: the basic components of a PLC, how to run and monitor a PLC program, the operation of a PLC output instruction, how to document a PLC program, the operation of seal-in logic, the functions of a PLC timer instruction, and the applications of time-driven sequencing.

In-Depth PLC Motor Control Curriculum

What Does a PLC Start/Stop Control Do?
The start/stop control of a constant speed electric motor is one of the most common PLC applications. In this application, a single digital output from the PLC is used to turn the motor on and off. The most common method of motor control uses a magnetic motor starter. A magnetic motor starter is an electromagnetically operated switch, which provides a safe method to channel the flow of electricity to the electric motor.

Many electric motors use 3-phase electricity and therefore use a 3-phase magnetic motor starter. A 3-phase magnetic motor starter has three sets of contacts, each controlling power flow to one of the three motor windings. The motor windings create the magnetic field that causes the motor to move. Magnetic motor starters contain a solenoid that provides the interface between the PLC and the starter contacts. When the PLC output energizes the solenoid, the three contacts close and allow power to flow to the motor.

Even More Learning Expansions for Electric Motor Control!
The PLC Motor Control training system is just one option for electrical motor control training. Other options include Motor Braking (85-MT5A), Reduced Voltage Starting (85-MT5B), Variable Frequency AC Drive (85-MT5C), Electronic Sensors (85-MT5D), Electronic Counter (85-MT5E), and SCR Speed Control (85-MT5F).

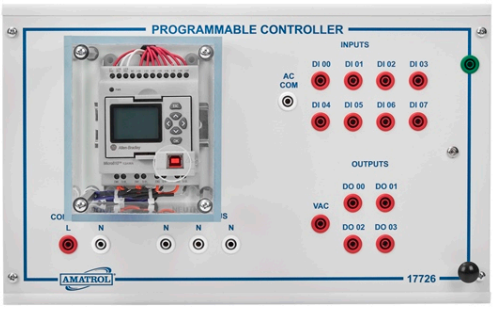
Interactive eLearning with Learning Management System

Interactive PLC Motor Control eLearning Curriculum
Amatrol's PLC motor control eLearning course features interactive eLearning curriculum that integrates various types of learning methods to create an engaging, effective learning experience. Amatrol's multimedia eLearning

curriculum includes text with voiceovers, videos, 3D animations, pictures, and interactive activities, quizzes, and self-reviews.

Free Learning Management System (LMS)
Amatrol eLearning is easy-to-use for both students and instructors. Its web-based interface is simple to navigate and available on any WebGL-compatible Internet browser. Instructors love Amatrol eLearning for its simple, yet sophisticated Learning Management System (LMS). The LMS allows instructors to create custom courses, monitor student participation, track course progress, assess knowledge levels prior to a course, and test knowledge levels after completion. Learners appreciate the fact that they can start and stop as needed, moving through each Amatrol course at their own pace. If a self-review reveals that they didn't understand a particular topic as well as they thought they did, they can revisit it before moving on.

Additional Info



Requires:

- Computer (see Computer Requirements)

Options:

- PLC Motor Control Learning System - AB Micro810 (85-MT5AB8)

Address

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