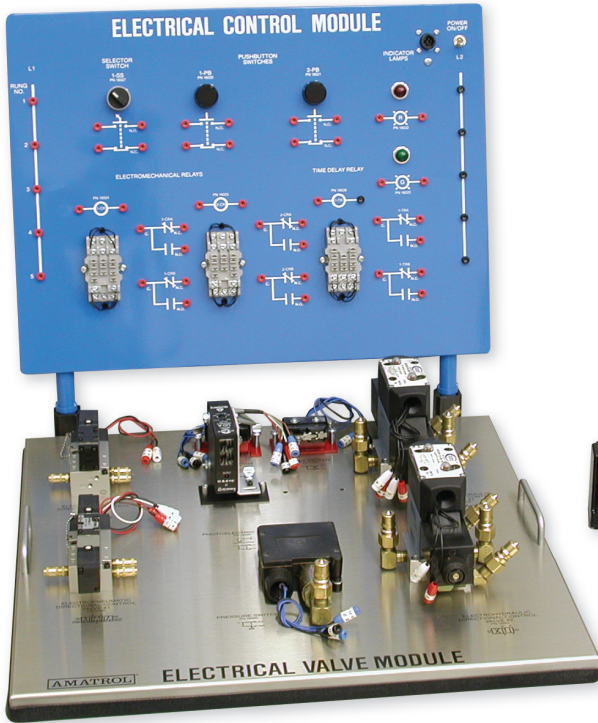
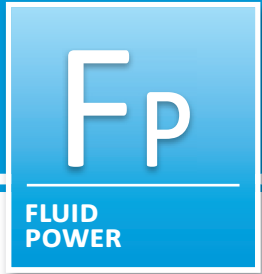


# Electro-Fluid Power Learning System

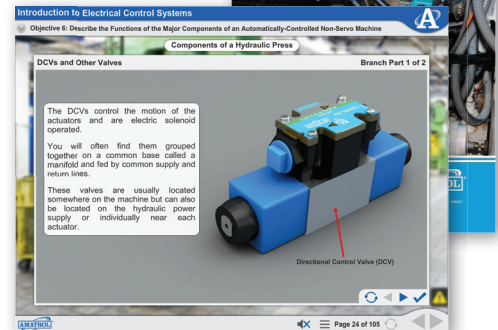
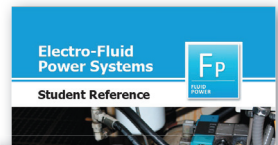
85-EF



85-EF



850-C1 with 85-EF



Interactive Multimedia Curriculum and Student Reference Guide

## Learning Topics:

- Electrical Control Systems
- Basic Control Devices
- Power Devices
- Hydraulic and Pneumatic Valves
- Control Relays
- Motor Control Applications
- Sequencing Control
- Timer Control
- Pressure Control Applications
- Circuit Applications

Amatrol's Electro-Fluid Power Learning System (85-EF) can be used with eight different basic pneumatic or hydraulic learning systems to teach electrical relay control of hydraulic and pneumatic systems and their industry applications. Learners will practice industry-relevant skills related to these new topics including developing a sequence of operations given an application, connecting and operating an indicator lamp given a ladder diagram, and many more! The 85-EF provides learners with the components to set up a variety of industrial relay control circuits using ladder diagrams and Boolean logic. Some of these components include selector, pushbutton, limit, and pressure switches; control and timer relays; and hydraulic and pneumatic directional control valves.

In addition to strong curriculum and industry-standard parts, the 85-EF includes an instructor's guide, install guide, and student reference guide. The Amatrol learning systems that can be used with the 85-EF include Basic Hydraulics (85-BH or 850-H1), Basic Pneumatics (85-BP or 850-P1), Double-Sided Hydraulics (850-HD1), Double-Sided Pneumatics (850-PD1), Basic Fluid Power (850-C1), or Double-Sided Basic Fluid Power (850-CD1).

## Technical Data

Complete technical specifications available upon request.

### Electrical Control Panel

- Selector Switch
- Pushbutton Switch, DPST
- Indicator Lights
- Power Switch Assembly
- Control Relay
- Timer Relay

### Lead Set

### Electrical Valve Module (Hydraulic and Pneumatic)

- Directional Control Valves
- Pressure Switch
- Limit Switch
- Photo Electric Switch

### Interactive Multimedia Curriculum (MB861)

### Instructor's Guide (CB861)

### Installation Guide (DB861)

### Student Reference Guide (HB861)

### Additional Requirements:

- 24VDC power supply (16019)
- Basic Pneumatics or Basic Hydraulics (85-BH, 85-BP, 850-H1, 850-HD1, 850-P1, 850-PD1, 850-C1, or 850-CD1)

### Utilities:

- Power drawn from required systems

