



AUTOMATION

COURSE DRV215



## PowerFlex 750-Series Configuration, Startup, Maintenance, and Troubleshooting

Upon completion of this course, given a wired PowerFlex® 750-Series drive (PowerFlex 753 or PowerFlex 755) and AC motor, you will be able to install the drive correctly, start it up, and configure drive parameters to meet application-specific needs. The course also introduces concepts and techniques that will assist you in successfully maintaining and troubleshooting the drive, recognizing PowerFlex 750-Series drive hardware, and diagnosing specific faults.

Throughout the course, you will have the chance to use a variety of hardware and software tools, including:

- The A6 LCD HIM
- Connected Components Workbench™ software
- DriveExecutive™ software

After each demonstration, you will be given exercises that offer extensive hands-on practice using a PowerFlex 753 or PowerFlex 755 drive.

Tuesday, April 14 -  
Thursday, April 16  
8 AM - 5 PM

SMC Sedalia  
1616 W Main St  
Sedalia, MO 65301

**Cost: \$2,587**  
Includes Lunch



Authorized  
Service Provider  
A ROCKWELL AUTOMATION PARTNER

To register, please contact Ashli Anderson at [aanderson@smcelectric.com](mailto:aanderson@smcelectric.com)

# Course Agenda



## DAY 1

- Locating PowerFlex 750-Series Drive Hardware
- Verifying the PowerFlex 750-Series Drive Installation Environment
- Verifying PowerFlex 750-Series Drive Wiring and Grounding
- Locating and Modifying PowerFlex 750-Series Data Using the A6 HIM

## DAY 2

- Configuring EtherNet/IP Communications for a PowerFlex 750-Series Drive
- Locating and Modifying PowerFlex 750-Series Data Using Drive Software
- Starting Up a PowerFlex 750-Series Drive
- Interpreting PowerFlex 750-Series Control Block Diagrams
- Controlling PowerFlex 750-Series Drive Operation



## DAY 3

- Clearing PowerFlex 750-Series Drive Alarms and Faults
- Performing Predictive Maintenance Using PowerFlex 750-Series Parameters
- Troubleshooting PowerFlex 750-Series Load and Environmental Faults
- Troubleshooting PowerFlex 750-Series Equipment Malfunctions
- Integrated Practice - Maintaining and Troubleshooting a PowerFlex 750-Series Drive

## PREREQUISITES

- Working knowledge of electricity, and knowledge of electrical and industrial safety (including PPE requirements and safe practices).
- Completion of the AC/DC Motors and Drives Fundamentals course (Course No. CCA101) or Fundamentals of AC and DC Motors and Drives or equivalent experience

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