AUTOMATION

COURSE CCA183

PowerFlex 750-Series Maintenance and Troubleshooting

This skill-building course introduces concepts and techniques that will assist you in successfully maintaining and troubleshooting a PowerFlex® 750-Series (PowerFlex 753 or PowerFlex 755) drive. You will learn how to recognize PowerFlex 750-Series drive hardware and properly wire the drive. You will also learn to diagnose specific faults.

Throughout the course, you will have the chance to use a variety of maintenance and troubleshooting 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.

This two-day course can be taken as a stand-alone course, or it can be taken in conjunction with other courses in the PowerFlex curriculum for further skills development.

Thursday, April 10 - Friday, April 11

8 AM - 5 PM

SMC Joplin
923 W 4th St
Joplin, MO 64801

Cost: $2,796
Includes Lunch

RA Authorized Service Provider
A ROCKWELL AUTOMATION PARTNER

To register, please contact Suzan McPherson at smcpherson@smcelectric.com

Course Agenda

REGISTER HERE

DAY 1

- Locating PowerFlex 750-Series Drive Hardware
- Locating and Modifying PowerFlex 750-Series Drive Data Using the A6 HIM
- Locating and Modifying PowerFlex 750-Series Drive Data Using Drive Software
- Clearing PowerFlex 750-Series Drive Alarms and Faults

DAY 2

- Performing Predictive Maintenance UsingPowerFlex 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
- Previous experience with PowerFlex 700mVector Control and/ or PowerFlex 700S drives is recommended but not required.

To register, please contact Suzan McPherson
at smcpherson@smcelectric.com

SMC
OUR KNOWLEDGE IS YOUR POWER