

PowerFlex 700 Maintenance and Troubleshooting

OEM: Rockwell Automation • Duration: 1 Day (8 hrs) • Code: CCA159-LD

COURSE MODULES & TOPICS

Objectives

- Replace and rewire drive hardware
- Configure drive parameters using the LCD HIM, DriveExplorer & DriveExecutive software
- Upload and download drive data
- Troubleshoot and clear drive alarms
- Clear drive faults
- Troubleshoot drive load and environmental faults
- Troubleshoot drive equipment malfunctions
- Maintain and troubleshooting a PowerFlex 70 drive

To successfully complete this course, the following prerequisites are required:

- Working knowledge of electricity, and knowledge of electrical and industrial safety (including PPE requirements and safe practices)
- Ability to perform basic Microsoft Windows tasks
- Completion of the AC/DC Motors and Drives Fundamentals course (CCA101) or equivalent experience

Student Materials

- Student Manual includes the key concepts, definitions, examples, and activities presented in this course

Course Agenda

- Replacing and Rewiring Drive Hardware • Configuring Drive Parameters Using the LCD HIM
- Configuring Drive Parameters Using DriveExplorer Software
- Configuring Drive Parameters Using DriveExecutive Software
- Uploading and Downloading Drive Data
- Troubleshooting and Clearing Drive Alarms
- Clearing Drive Faults
- Troubleshooting Drive Load and Environmental Faults
- Troubleshooting Drive Equipment Malfunctions
- Integrated Practice: Maintaining and Troubleshooting a PowerFlex 70 Drive