Drives

PowerFlex 525 Drive Startup and Configuration
Course Description

Course Agenda

Day 1

- Identifying PowerFlex 525 Drive Hardware
- Communicating with a PowerFlex 525 Drive and Modifying Parameters
- Preparing a PowerFlex 525 Drive for Startup
- Commissioning and Tuning a PowerFlex 525 Drive
- Monitoring and Modifying PowerFlex 525 AppView and CustomView Parameters
- Troubleshooting PowerFlex 525 Drive Faults

Course Number

CCA185

Course Purpose

Upon completion of this course, given a wired PowerFlex® 525 drive and AC motor, you will be able to properly start up the drive and configure drive parameters to meet application-specific needs.

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

- The PowerFlex 525 keypad
- Connected Components Workbench™ software

After each demonstration, you will be given exercises that offer hands-on practice using a PowerFlex 525 drive.

This one-day course can be taken as a standalone course, or it can be taken in conjunction with other courses in the PowerFlex curriculum to further broaden skills development.

Who Should Attend

This course is intended for individuals who need to configure and commission PowerFlex 525 drives.

Prerequisites

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)
- Completion of the *AC/DC Motors and Drives Fundamentals* course (Course Number CCA101) or *Fundamentals of AC and DC Motors and Drives* web-based training or equivalent experience

Technology Requirements

All technology is provided for student use in the classroom by Rockwell Automation. It is not necessary for students to bring any technology with them when attending this course.

Student Materials

To enhance and facilitate the students' learning experiences, the following materials are provided as part of the course package:

- *Student Manual*
  - Includes the key concepts, definitions, examples, and activities presented in this course
- *Lab Book*
  - Provides learning activities and hands-on practice. Solutions are included after each exercise for immediate feedback.

Hands-On Practice

Throughout this course, you will have the opportunity to practice the skills you have learned through a variety of hands-on exercises using a PowerFlex 525 workstation (Catalog Number ABT-TDPF525). Exercises focus on the skills introduced in each lesson.

Next Learning Level

Once you have an understanding of the topics and the skills covered in this course, you may want to attend specific PowerFlex drive training such as:

- *PowerFlex 750-Series Drive Maintenance and Troubleshooting* (Course Number CCA183).

Course Length

This is a one day course.

IACET CEUs

Rockwell Automation is authorized by IACET to offer 0.7 CEUs for this program.

To Register

To register for this or any other Rockwell Automation training course, contact your local authorized Allen-Bradley® Distributor or your local Sales/Support office for a complete listing of courses, descriptions, prices, and schedules.

You can also access course information via the Web at http://www.rockwellautomation.com/training

Rockwell Automation is accredited by the International Association for Continuing Education and Training (IACET) and is authorized to issue the IACET CEU. **Click here** to view the Rockwell Automation Certificate of Accreditation.

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