

Drives

PowerFlex 750-Series Configuration for an Integrated Architecture System Course Description

Course Agenda

IMPORTANT: Successful completion of this course requires specific Logix5000 skills. See the "Prerequisites" section of this description for more details.

Day 1

- Adding a PowerFlex 750-Series Drive to a Logix Designer Project
- Locating and Modifying PowerFlex 750-Series Data Using the Logix Designer Application
- Integrating a PowerFlex 750-Series Drive with a Logix5000 Controller
- Adding PowerFlex 750-Series Faceplates to a FactoryTalk View ME Application
- Operating a PowerFlex 750-Series Drive in an Integrated Architecture System



Course Number

CCA184

Course Purpose

Upon completion of this course, given a PowerFlex® 750-Series drive (PowerFlex 753 or PowerFlex 755) that has been successfully started up, you will be able to integrate your drive into a system that includes:

- Logix5000™ controllers
- PanelView™ Plus terminals running FactoryTalk® View ME software

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

- The A6 LCD HIM
- Studio 5000 Logix Designer® application (formerly RSLogix 5000® software)
- FactoryTalk View ME software

After each demonstration, you will be given exercises that offer extensive hands-on practice using a PowerFlex 753 or PowerFlex 755 drive along with an Integrated Architecture workstation or equivalent hardware.

This one-day course can be taken as a stand-alone course, or it can be taken along with other courses in the PowerFlex 750-Series curriculum to further broaden skills development.

Who Should Attend

This course is intended for individuals who need to add PowerFlex 750-Series drives to an Integrated Architecture system.

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 PowerFlex 750-Series Startup and Configuration* course (Course No. CCA182)
- Knowledge of Logix5000 system fundamentals and basic programming skills (creating a new project; adding I/O; working with tags; writing and testing ladder logic that includes bits, timers and other common instructions; uploading, downloading, and going online) through one or more of the following methods:
 - *Completion of the Studio 5000 Logix Designer Level 1: ControlLogix System Fundamentals* course (Course No. CCP146)
 - Completion of available equivalent software computer-based training, web-based training, or blended learning options
 - Experience programming basic Logix5000 control systems or above
- Previous experience with FactoryTalk View ME software is strongly suggested.

Important: The agenda for this course does not provide time for in-depth review of basic Logix Designer skills. You should review basic tasks before attending this course.

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

The following materials are provided as part of the course package:

- *Student Manual:*
 - Contains the topical outlines and exercises
 - Used to follow presentations, take notes, and work through exercises
- *Studio5000 Logix Designer and Logix5000 Fundamentals Procedures Guide:*
 - Provides the steps required to complete basic software tasks that are common to all Logix5000 hardware platforms

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 an ABT-TDIA workstation and either an ABT-TDPF753CLS or ABT-TDPF755CLS workstation. Exercises focus on the skills introduced in each lesson.

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.

Allen-Bradley, FactoryTalk, LISTEN. THINK. SOLVE., Logix5000, PanelView Plus, PowerFlex, Rockwell Software, RSLogix 5000, and Studio 5000 Logix Designer are trademarks of Rockwell Automation, Inc. Trademarks not belonging to Rockwell Automation are property of their respective companies.

www.rockwellautomation.com

Power, Control and Information Solutions Headquarters

Americas: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204-2496 USA, Tel: (1) 414.382.2000, Fax: (1) 414.382.4444

Europe/Middle East/Africa: Rockwell Automation NV, Pegasus Park, De Kleetlaan 12a, 1831 Diegem, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640

Asia Pacific: Rockwell Automation, Level 14, Core F, Cyberport 3, 100 Cyberport Road, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846