

Course description

G569

DCS800 Basic course >1000A, Hardware, software, start up

Course Duration

The course duration is 1 Day

Course Type

This is a classroom course led by an instructor.

Course Goal

The goal of this course is to exercise the start up procedure of DCS800 for converter module size D5 – D7.

Student profile

This course is intended for electricians, technicians and engineers who install, commission and service DCS800 Drives > 1000A

Prerequisites

Prior to attending this course, students should have

- Basic knowledge of electronics
- Basic knowledge of DC Fundamentals
- Experience in using PCs in the Windows environment
- Course G560e web course completed.
- Course G560 class room training completed
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Course Objectives

Upon completion of the course, students will be able to

- know how to install the DCS800 modules > 1000A
- know how to commission the DCS800 modules > 1000A
- know how to trace faults in DCS800 modules >1000A
- know how to connect external field excitation

Main Topics

- Components of D5 to D7 module
- Interface board - PIN-51 and PIN 48
- Controller board – CON-4
- DCS800 control panel
- Commissioning steps DCS800 >1000A with external field excitation
- Drive Window Light exercises
- Fault tracing in DCS800 modules > 1000A
- Maintenance and spare parts of DCS800 modules >1000A

Low voltage drives training

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