

Course description

G561

DCS800 Hands-on training, Hardware, software, start up

Course Duration

The course duration is 1.5 Days

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 D1 – D4.

Student profile

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

Prerequisites

Prior to attending this course, students should have

- Basic knowledge of DC Fundamentals (G570e; G575e)
- Experience in using PC in the Windows environment
- Course G560e web course completed.
- Course G560 class room training completed

Course Objectives

Upon completion of the course, students will be able to

- to install the DCS800 modules
- to commission the DCS800 modules
- to trace faults in DCS800 modules
- understand the internal field excitation

Main Topics

- Module rating
- Components of D1 to D4 module
- Interface board - PIN-4
- Controller board – CON-4
- DCS800 control panel
- Commissioning of DCS800
- Drive Window Light exercises
- Software exercises
- Implementing small applications with Drive Window Light AP
- How to connect a DCS800 to a Field bus application
- Usage of the Communication board COM-8
- Fault tracing in DCS800 modules
- Maintenance and spare parts of DCS800 modules

Low voltage drives training

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