

COURSE DESCRIPTION

G172

ACS800 Drives, Winder/Inline Control



Course Type and Description

This is a classroom course with hands-on lab activities supported by an instructor.

The course contains theory part and hands on exercises with ACS800 units.

This course belongs to ACS800 single drive and ACS800 multidrive with Control Section learning paths that may utilize blended learning. Please see the accompanying figure of possible learning paths.



Main Topics

- Software overview
- Tension control methods
- Dimensioning basics
- Inline application SW
- Center winder application SW
- Tuning of the Inline converter
- Tuning of the Center winder converter
- DriveWindow commissioning and maintenance tool measurements for Center winder drive
- DriveWindow commissioning and maintenance tool measurements for Inline drive



Course Duration

The course duration is 2.5 days.



Prerequisites

- Basic knowledge of electronics
- Experience in using a Windows PC
- Course G152 or G156 or G160 or G161.
- Please refer to the accompanying figure for course names and durations.



Student Profile

This course is intended for electricians, technicians, and engineers who design, install, operate and service ACS800 Winder/Inline drives.



Course Goal

The goal of this course is to teach students to start-up, adjust, and operate ACS800 Winder/Inline Control drives.



Course Objective

Upon completion of this course, students will be able to:

- Commission and tune ACS800 Winder/Inline drives
- Activate and tune the features of ACS800 Winder/Inline Control drives

Day 1

08:30 Course Introduction
08:45 Exercises
10:00 Break
10:15 Exercises
11:30 Lunch
12:30 Exercises
14:00 Break
14:15 Exercises
16:00 End of the Day

Day 2

08:30 Exercises
09:30 Break
09:45 Exercises
11:30 Lunch
12:30 Exercises
14:00 Break
14:15 Exercises
16:00 End of the Day

Day 3

08:30 Exercises
10:00 Break
10:15 Exercises
11:30 Feedback
12:00 Lunch
12:30 End of the Course

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