

Course description

G3853e

Introduction to ACS880 cabinet-built safety options with the FSO module, Internet course

Course type

Internet course

Course Duration

The course duration is approximately 15 minutes.

Course Goal

The goal of this course is to teach students to select correct safety options for applications with FSO module.

Student Profile

This course is intended for electricians, technicians and engineers who select and sell safety options for customer applications.

Prerequisites

- Basic knowledge of electronics.
- E-learning courses G111e and G3850e.
- An Internet connection. The recommended browser is Microsoft Internet Explorer.

Notes

If you have no experience of working with drives, it is highly recommended to take a hands-on course in addition to this course, to be able to utilize the drive to its full potential.

Course Objectives

After this course you will be able to:

- Describe what safety functions are available with option codes in multi/single drives.
- Describe the functionality of cabinet-built safety options.
- Describe what is preinstalled and configured at the factory and what is to be installed by the customer.
- Describe what is tested at the factory test field.
- Describe customer benefits of safety functions with FSO module.

Main Topics

- Safe torque off
- Safe stopping
- Safe speed monitoring
- Prevention of unexpected start-up
- Emergency Stop
- Safely-limited speed
- PROFIsafe
- Certifications

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