

Course description

G3855e

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

Course type

Internet course

Course Duration

The course duration is approximately 30 minutes.

Course Goal

The goal of this course is to give an overview of how to configure ACS880 cabinet-built safety options with the FSO module.

Student Profile

This course is intended for ABB service engineers.

Prerequisites

- G3850e – FSO-fundamentals, Internet course
- Recommended: G111e – ACS880 functional safety overview, Internet course
- An Internet connection. The recommended browser is Microsoft Internet Explorer.

Course Objectives

After this course, you will be able to describe:

- The functionality of cabinet-built safety options
- Uses of I/Os with different options.
- How the standard options are preconfigured (e.g., +Q979), and how to configure the final configuration according to application specifications and manuals

You will also know how to:

- Verify customer STO circuits onsite using FSO LED indications
- Do the follow up actions:
 - Back up FSO configuration
 - Test the whole circuit after FSO change
 - Give a report and parameters to customer
 - Place a report to an ABB system (e.g., Drives Installed Base)

Main Topics

Single drive:

- +Q973 (FSO module only, no FS-options)
- +Q973+**Q979** (E-stop with STO)
- +Q973+**Q978** (E-stop with MCB)
- +Q973+**Q950** (POUS)

Multidrives:

- +Q973 (FSO module only, no FS-options)
- +Q973+**Q979** (E-stop with STO)
- +Q973+**Q950** (POUS)
- +Q973+**Q966** (SLS without encoder)
- +Q973+**Q979+Q950+Q966** (E-stop with STO, POUS and SLS)

Low voltage drives training

Lvdrives.training@fi.abb.com

www.abb.com

www.abb.com/abbuniversity