# **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)

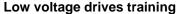
# **Main Topics**

## Single drive:

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

#### Multidrives:

- +Q973 (FSO module only, no FSoptions)
- +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)



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