ABB

G384
ACS880-04/04XT and -07 operation, startup and basic maintenance hands-on

Course type and description

The ACS880 operation, startup and basic maintenance learning event comprises of two parts: e-learning courses and classroom course.

This is the second part of the learning event: This is a classroom course with hands-on lab activities supported by an instructor. This course contains hands-on ACS880 exercises.

The first part of the learning event includes the theory based e-learning courses mentioned below. Please note that the e-learning course material is not covered during the classroom course. You are required to complete the e-learning part before the classroom part, which is essential in order to be able to succeed in the hands-on lab activities during classroom days. The status of e-learning course completion is monitored.

Prerequisites

– Basic knowledge of electronics
– Course G380
– E-learning courses G3804e, G3847e, G3841e, G3806e, G3807e and G3808e.

Course duration

The course duration is 1 day.

Student profile

This course is intended for electricians, technicians, and engineers who maintain, operate and service ACS880-04 and ACS880-07 drives.

Course goal

The goal of this course is to teach students to maintain, startup and operate ACS880 drives.

Course objectives

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

– Commission ACS880-07 drives
– Operate ACS880-07 drives
– Do basic maintenance for ACS880-04 and ACS880-07 drives

Main topics

– ACS880-04 Location and basic maintenance
– ACS880-07 Location and basic maintenance
– ACS880-07 start up and operation
– ACS880-07 module replacements

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Day 1

08:30	Course Information
08:45	Exercise 1
10:10	Coffee break
10:25	Exercise 2
11:50	Lunch
12:35	Exercise 3
14:00	Coffee break
14:15	Exercise 4
15:40	Course evaluation
16:00	End of the course

Exercise executing order:

– Group 1
– Group 2
– Group 3
– Group 4

Exercise packages	Group 1 Exercise	Group 2 Exercise	Group 3 Exercise	Group 4 Exercise
Package 12 **ACS880-07 Start up**	1	2	3	4
Package 13 **ACS880-07 R10 Maintenance**	2	3	4	1
Package 14 **ACS880-04 R10/R11 Maintenance**	3	4	1	2
Package 15 **ACS880-07 R8 Maintenance**	4	1	2	3