**Course Description**

**G3881**

**ACS880 Multidrive Startup and Maintenance Hands-On**

### Course Type and Description

The ACS880 multidrive learning event comprises of two parts: e-learning courses and classroom course.

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

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.

### Course Duration

The course duration is 1 day.

### Student Profile

This course is intended for electricians, technicians, and engineers, who install, operate and service ACS880 multidrives.

### Course Goal

The goal of this course is to teach students to start-up, adjust, operate, maintain and troubleshoot ACS880 multidrives.

### Course Objective

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

- Commission and tune ACS880 multidrives
- Exchange the modules
- Operate and maintain ACS880 multidrives

### Main Topics

- Reading and interpreting circuit diagrams
- ACS880 primary control program
- Control panel functions
- Locating and identifying terminals, boards and other components
- Converter and Supply unit commissioning
- Changing the setting
- Fault diagnostics
- Drive composer commissioning and maintenance tool operations

### Prerequisites

Prior to attending this course, students should have:

- Basic knowledge of electronics
- Experience in using PCs in the Windows environment
- G371e, G374e, G375e, G376e, G3848 e, G3806 e and G3808 e web courses completed.
Day 1
09:00  Introduction of the Course
09:15  Exercise 1
10:30  Break
10:45  Exercise 2
12:00  Lunch
13:00  Exercise 3
14:15  Break
14:30  Exercise 4
16:00  End of the Day

Exercise 1
Control panel and Start up Exercise

Exercise 2
Drive Composer Pro Exercise

Exercise 3
ACS880-07 Location Exercise

Exercise 4
ACS880-07 Start Up Exercise