

## Course description

# G3907e

## ACS880-04/-04XT and ACS580-04 maintenance, Internet course

### Course type

Internet course

### Course Duration

The course duration is approximately 20 minutes.

### Course Goal

This course gives an overview of the basic maintenance of the ACS880-04/-04XT industrial drive modules and ACS580-04 general purpose drive modules.

### Student Profile

Persons who perform maintenance to ACS880-04/-04XT industrial drive modules and ACS580-04 general purpose drive modules.

### Prerequisites

- Prerequisites for ACS880-04/-04XT: G3841e ACS88004/-04XT technical details Internet course EN and G371e All-compatible industrial drives ACS880 series offering Internet course EN.
- Prerequisites for ACS580-04: G3900e General purpose drives ACS580 series offering Internet course EN, G3901e ACS580-01 installation Internet course EN and G3905e ACS580 technical hardware details Internet course EN.
- 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

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

- Explain the general service features of the drive modules.
- Perform the typical tasks of preventive maintenance safely.
- Tell which authorization levels different service tasks require.
- Replace a cooling fan for frames R10 and R11.
- Replace DC capacitors, control boards, power supply boards and control panel and control unit battery.
- Perform maintenance on semiconductors.
- Check and clean heatsinks.

### Main Topics

- Main service features and service products
- Functional safety features
- On-site delivery and service tasks
- Maintenance
- Preventive maintenance
- Safety precautions
- Replacement of various parts
- Heatsink temperature check and cleaning

### Low voltage drives training

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