
COURSE DESCRIPTION

ACQ580-31/ACQ580-34 Hardware features, Internet course

Course type

This is a web-based training course.
MyLearning course code is 9CSC010593e.

Course duration

The course duration is approximately 15 minutes.

Course goal

This course gives an overview of the hardware features of ACQ580 ultra-low harmonic drives for water and wastewater.

Student profile

This course is intended for sales managers, sales engineers, product managers, anyone selecting or dimensioning an ACQ580, or for anyone wanting to know more about ACQ580 ultra-low harmonic drives for water and wastewater.

Prerequisites

- G6400e - ACQ580 series offering, internet course
- Recommended: G6401e – ACQ580-01/-04 hardware features, internet course
- An Internet connection. The recommended browser is Microsoft Edge or Google Chrome.

Course objectives

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

- Learn about why we have this product in ABB portfolio
- Describe the benefits of ultra-low harmonic drive
- Understand the work principles of the ultra-low harmonic drive
- List the product hardware characteristics

Main topics

- Benefits of ultra-low harmonic drives
- Operation principles of built-in harmonic mitigation
- Drive dimensions
- Control unit CCU-24
- I/O options
- Hardware construction
- Main fan assembly
- Common mode filter
- Cabinet design for ACQ580-34
- Maintenance