COURSE DESCRIPTION

G390
Single drives ACS580-01
Maintenance, commissioning and service

Course goal
The goal of this course is to teach students to install, startup, adjust and operate ACS580-01 drives.

Main learning objectives
Upon completion of this course the participants will be able to:

- Install ACS580-01 drive;
- Do start-up of ACS580-01 drive using control panel;
- Use Drive composer entry PC tool and do start-up of ACS580-01 using the tool;
- Do basic maintenance tasks on ACS580-01;
- Use Adaptive programming tool.

Participant profile
This course is intended for electricians, technicians, designers and engineers, who install, operate, program and do basic maintenance to ACS580-01 drives.

Prerequisites
Students should have basic knowledge of electronics. Students should take course G380, E-learning courses G3804e, G3847e, G3841e, G3806e, G3807e and G3808e.

Topics

- ACS580-01 Hardware and software basics;
- Start-up of the drive;
- ACS580-01 hardware construction;
- Installation principles of ACS580-01;
- ACS580-01 control panel operation;
- ACS580-01 software features;
- Drive composer entry;
- Drive Adaptive programming tool;
- Basic maintenance tasks of ACS580-01 drives.

Course type and methods
This is a classroom course including hands-on lab activities with ACS580-01 demo units supported by an instructor.

Duration
The duration is 2 days.

Course map

<table>
<thead>
<tr>
<th>Topics</th>
<th>DAY 1</th>
<th>DAY 2</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Technical characteristics; Hardware construction; Software features; Control panel operation and start up; Troubleshooting Drive Composer software.</td>
<td>Assembling and Start up Exercise; Control panel Exercise; Drive Composer Entry Exercise; Component Location Exercise.</td>
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<tr>
<td>Time</td>
<td>9:00 am – 6:00 pm</td>
<td>9:00 am – 6:00 pm</td>
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</tbody>
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Typical course layout (time or sequence may change)