COURSE DESCRIPTION

G380
ACS880-01 Maintenance, commissioning and service

Course goal
The goal of this course is to teach students to install, startup, adjust and operate ACS880-01 drives.

Main learning objectives
Upon completion of this course the participants will be able to:
- Commission and tune ACS880-01 drives;
- Operate ACS880-01 drives;
- Do basic maintenance for ACS880-01 drives.

Participant profile
This course is intended for electricians, technicians, and engineers who install, operate and service ACS880-01 drives.

Prerequisites
Students should have basic knowledge of electronics, experience in using a Windows PC. Students should take E-learning courses G020e, G371e, G374e, G375e, G380e and G3801e.

Topics
- ACS880-01 Hardware and software basics;
- ACS880-01 primary control program;
- Control panel functions;
- ACS880-01 startup;
- Parametrization of the converter;
- Installation principles;
- Optional equipment connections;
- Drive Composer commissioning and maintenance tool operations.

Course type and methods
This is a classroom course with hands-on lab activities supported by an instructor. This course contains hands-on ACS880 exercises.

Duration
The duration is 2 days.

Course map

<table>
<thead>
<tr>
<th>DAY 1</th>
<th>DAY 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Topics</td>
<td>Topics</td>
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<tr>
<td>• ACS880-01 Hardware and software basics;</td>
<td>• Parametrization of the converter;</td>
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<td>• ACS880-01 primary control program;</td>
<td>• Installation principles;</td>
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<td>• Optional equipment connections;</td>
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<td>• ACS880-01 startup;</td>
<td>• Drive Composer commissioning and maintenance tool operations.</td>
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<tr>
<td>Time</td>
<td>Time</td>
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<tr>
<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)