ACS 880 has the following updates:
- New, easy to use control panel
- Updated DTC motor control
- SiL3 level STO safety as a default
- Larger power connectors
- Two parallel DeviceNet interfaces
- Removable memory unit
- PC connection with a USB cable
- Smaller size

Commissioning
- Fast and simple commissioning
- Short shutdown time

Reliability
- Longer switchgear service life
- Smaller maintenance requirements
- Better availability of spare parts

• MNS switchgear’s ACS 800 frequency-converters can be replaced with an ACS 880 frequency-converter. Replacements are available for the following frames and powers:

<table>
<thead>
<tr>
<th>Frequency-converter</th>
<th>Frame</th>
<th>Power [Kw]</th>
<th>Voltage [V]</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACS800</td>
<td>R2 - R8</td>
<td>1.5 kW - 560 kW</td>
<td>400 V / 690 V</td>
</tr>
<tr>
<td>ACS880</td>
<td>R1 - R11</td>
<td>0.75 kW - 630 kW</td>
<td>400 V / 690 V</td>
</tr>
</tbody>
</table>

Did you know that the MNS switchgear’s ACS 800 series frequency-converter can be replaced with the heat tested ACS 880 series?
Efficient cooling, less use time
The solution has specifically considered the cooling requirements of frequency-converters. MNS frequency-converter switchgear is breathable: cooling air is taken from the electrical room, pulled through the equipment with the frequency-converter's own fan, and is then returned to the electrical room, as shown in the picture.

Tested safety
All ACS 880 solutions have been tested in ABB's laboratories according to the IEC61439-1 IEC61439-2 standards. Heat tests were performed with a full motor load, without adjustment coefficients. The tested and efficient air circulation ensures long-term use of the equipment.

Frequency-converter lifting device
For R6-R11 frame frequency-converters installed in MNS switchgear.

Additional information
Product information is available from your local ABB representative, by e-mail from lv.productaftersales@fi.abb.com or from our website at www.abb.fi.