EU Declaration of Conformity


We
Manufacturer: ABB Oy
Address: Hiomotie 13, 00380 Helsinki, Finland.
Phone: +358 10 22 11
declare under our sole responsibility that the following products:

**Frequency converters and frequency converter components**

- ACS880-04, -14, -34 (frames nxR8i)
- ACS880-04XT
- ACS880-104, -104LC
- ACS880-07, -17, -37, -107

identified with serial numbers beginning with 1 or 8
with FPTC-02 module
with regard to the safety function

**ATEX certified thermistor protection (Safe Motor Temperature)** (option code +L537 +Q971)
are in conformity with all the relevant requirements for
- protective system of EU Directive for Equipment for Explosive atmospheres 2014/34/EU, and
- safety component of the EU Machinery Directive 2006/42/EC, when the listed safety functions
  are used for safety component functionality

**Directive 2014/34/EU**

Specific marking of explosion protection

εx II (2) GD

The following harmonized standard has been applied:

| EN 50495:2010 | Safety devices required for the safe functioning of equipment with respect to explosion risks |
Notified Body: VTT Expert Services Ltd, Notified Body number 0537
Address: Kivimiehentie 4, P.O.Box 1001, 02044 Espoo, Finland

has assessed the conformity of the “ATEX certified thermistor protection” function and has issued the certificate VTT 15 ATEX 050.

**Directive 2006/42/EC**

The following harmonized standards have been applied:

<table>
<thead>
<tr>
<th>Standard Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>EN 61800-5-2:2007</td>
<td>Adjustable speed electrical power drive systems – Part 5-2: Safety requirements - Functional</td>
</tr>
<tr>
<td>EN ISO 13849-1:2015</td>
<td>Safety of machinery – Safety-related parts of control systems. Part 1: General principles for design</td>
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The following other standard has been applied:

<table>
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The products referred in this Declaration of conformity fulfil the relevant provisions of other European Union Directives which are notified in Single EU Declaration of conformity 3AXD10000497305.

**Person authorized to compile the technical file:**
Name and address: Vesa Tiihonen, Hiomotie 13, 00380 Helsinki, Finland

Helsinki, 10 Nov 2017

**Manufacturer representative:**

[Signature]

Peter Lindgren
Vice President, ABB Oy