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**
- ACS880-01, -11, -31
- ACS880-04, -04XT, -04F, -04FXT, -M04, -14, -34
- ACS880-104, -104LC
- ACS880-07, -17, -37, -107,
- ACS880-07CLC, -07LC, -17LC, -37LC, -107LC (frames nxR81)

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

\[ \text{Ex II (2) GD} \]

The following harmonized standard has been applied:

<table>
<thead>
<tr>
<th>EN 50495:2010</th>
<th>Safety devices required for the safe functioning of equipment with respect to explosion risks</th>
</tr>
</thead>
</table>

1/2

3AXD10000466768 rev.H
Notified Body: Eurofins Expert Services Oy, Notified Body number 0537, Address: Kivimiehentie 4, 02150 Espoo, Finland

has assessed the conformity of the “ATEX certified thermistor protection" function and has issued the certificate EESF 20 ATEX 050.

**Directive 2006/42/EC**

The following harmonized standards have been applied:

<table>
<thead>
<tr>
<th>Standard</th>
<th>Description</th>
</tr>
</thead>
<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>
</tr>
<tr>
<td>EN 60204-1:2018</td>
<td>Safety of machinery – Electrical equipment of machines – Part 1: General requirements</td>
</tr>
</tbody>
</table>

The following other standards have been applied:

<table>
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</thead>
<tbody>
<tr>
<td>IEC 61800-5-2:2016</td>
<td>Adjustable speed electrical power drive systems – Part 5-2: Safety requirements - Functional</td>
</tr>
</tbody>
</table>

The products referred in this Declaration of conformity fulfil the relevant provisions of other European Union Directives which are notified in Single EU Declarations of conformity 3AXD10000497305 and 3AXD10000497831.

Person authorized to compile the technical file:
Name and address: Jussi Vesti, Hiomotie 13, 00380 Helsinki, Finland

Helsinki, 12 Oct 2020

Signed for and on behalf of:

Peter Lindgren
Vice President, ABB Oy

Tuomo Tarula
Vice President, ABB Oy