

EU Declaration of Conformity

ATEX Directive 2014/34/EU; Machinery Directive 2006/42/EC

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

ACS880-01 ACS880-04

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

 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.

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ATEX Directive 2014/34/EU; Machinery Directive 2006/42/EC

Directive 2006/42/EC

The following harmonized standard has been applied:

EN 61800-5-2:2007	<i>Adjustable speed electrical power drive systems – Part 5-2: Safety requirements - Functional</i>
EN 62061:2005 + AC:2010 + A1:2013 + A2:2015	<i>Safety of machinery – Functional safety of safety-related electrical, electronic and programmable electronic control systems</i>
EN ISO 13849-1:2015	<i>Safety of machinery – Safety-related parts of control systems. Part 1: General principles for design</i>
EN ISO 13849-2:2012	<i>Safety of machinery – Safety-related parts of the control systems. Part 2: Validation</i>
EN 60204-1: 2006 + A1:2009 + AC:2010	<i>Safety of machinery – Electrical equipment of machines – Part 1: General requirements</i>

Other applied standards:

IEC 61508 ed. 2: 2010	Functional safety of electrical / electronic / programmable electronic safety-related systems
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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 3AXD10000497831.

Person authorized to compile the technical file:

Name and address: Ari Korpela, Hiomotie 13, 00380 Helsinki, Finland.

Helsinki, 22 Jun 2016

Manufacturer representative:



Tuomo Höysniemi
Vice President, ABB Oy