

EU Declaration of Conformity

ATEX Directive 2014/34/EU and 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 product:

Frequency converters / Frequency converter components

With CPTC-02 module:

ACS580-01/-04/-07

ACH580-01/-31/-34/-04/-07

ACQ580-01/-31/-34/-04/-07

identified with serial numbers beginning with 1, 4, 8, M or Y

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

(1) protective system of EU Directive for Equipment for Explosive atmospheres 2014/34/EU, and

(2) 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



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: Eurofins Expert Services Oy, Notified Body number: 0537, Address: Kivimiehentie 4, 02150 Espoo, Finland

has assessed the conformity of the "ATEX certified thermal motor protection" function and has issued the certificate VTT 15 ATEX 051.



Directive 2006/42/EC

The following harmonized standards have been applied:

EN 61800-5-2:2007

EN ISO 13849-1:2015

EN ISO 13849-2:2012

EN 60204-1:2018

The following other standards have been applied:

IEC 61508:2010, parts 1-2

Adjustable speed electrical power drive systems – Part 5-2: Safety requirements - Functional
Safety of machinery – Safety-related parts of control systems. Part 1: General requirements
Safety of machinery – Safety-related parts of the control systems. Part 2: Validation
Safety of machinery – Electrical equipment of machines – Part 1: General requirements

Functional safety of electrical / electronic / programmable electronic safety-related systems

The product(s) referred in this Declaration of conformity fulfil(s) the relevant provisions of other European Union Directives which are notified in Single EU Declaration of conformity 3AXD10000497690 for ACS580, 3AXD10000497691 for ACH580 and 3AXD10000497692 for ACQ580.

Person authorized to compile the technical file

Name and address: Jussi Vesti, Hiomotie 13, 00380 Helsinki, Finland., Hiomotie 13, 00380 Helsinki, Finland.

Helsinki 11.11.2020

Signed for and on behalf of:

Tuomo Tarula

Vice president, ABB Oy

Vesa Tuomainen

Product Engineering manager, ABB Oy

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