

# 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 products:

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)

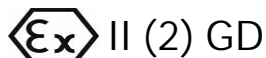
are in conformity with all the relevant requirements for

(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 function is used for safety component functionality.

### Directive 2014/34/EU

Specific marking of explosion protection

The following harmonized standard has been applied:  
EN 50495:2010

 Ex II (2) GD

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 EESF 20 ATEX 051.

Directive 2006/42/EC

The following harmonized standards have been applied:

EN 61800-5-2:2007

Adjustable speed electrical power drive systems – Part 5-2: Safety requirements - Functional

EN ISO 13849-1:2015

Safety of machinery – Safety-related parts of control systems. Part 1: General requirements

EN ISO 13849-2:2012

Safety of machinery – Safety-related parts of the control systems. Part 2: Validation

EN 60204-1:2018

Safety of machinery – Electrical equipment of machines – Part 1: General requirements

The following other standards have been applied:

EN 61800-5-2:2017

Adjustable speed electrical power drive systems – Part 5-2: Safety requirements - Functional

EN 61508:2010, parts 1-2

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.

Authorized to compile the technical file: ABB Oy, Hiomotie 13, 00380 Helsinki, Finland.

Helsinki, May 7, 2021

Signed for and on behalf of:

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