

Declaration of Conformity

The Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016 (+ amendment SI 2019 No. 696)

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)

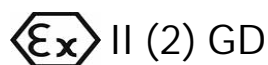
are in conformity with all the relevant requirements for

- (1) protective system of The Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016 (+ amendment SI 2019 No. 696), and
- (2) safety component of the the Supply of Machinery (Safety) Regulations 2008, when the listed safety function is used for safety component functionality.

The Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016 (+ amendment SI 2019 No. 696)

Specific marking of explosion protection

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



Safety devices required for the safe functioning of equipment with respect to explosion risks

Approved Body: Eurofins E&E CML Limited, Approved Body number: 2503, Address: Newport Business Park, New Port Road, CH65 4LZ, Ellesmere Port, United Kingdom

has assessed the conformity of the "ATEX certified thermal motor protection" function and has issued the certificate CML 21 UKEX 9301.

The Supply of Machinery (Safety) Regulations 2008

The following designated 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 UK statutory requirements, which are notified in a single declaration of conformity 3AXD10001325742 for ACS580, 3AXD10001325928 for ACH580 and 3AXD10001326271 for ACQ580.

Authorized to compile the technical file: ABB Limited, Daresbury Park, Cheshire, United Kingdom, WA4 4BT.

Helsinki, May 7, 2021

Signed for and on behalf of:

Tuomo Tarula
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