



## EU Declaration of Conformity

Machinery Directive 2006/42/EC

We

Manufacturer:

ABB Oy

Address:

Hiomotie 13, 00380 Helsinki, Finland.

Phone:

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declare under our sole responsibility that the following product:

**Frequency converter(s)**

**ACH580-07**

with regard to the safety function(s)

**Safe Torque Off**

**Emergency Stop (option codes +Q951, +Q963)**

is/are in conformity with all the relevant safety component requirements of EU Machinery Directive 2006/42/EC, when the listed safety function is used for safety component functionality.

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 62061:2005

+ AC:2010 + A1:2013 + A2:2015

Safety of machinery – Functional safety of safety-related  
electrical, electronic and programmable electronic control  
systems

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:

IEC 61508:2010, parts 1-2

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

IEC 61800-5-2:2016

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

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 3AXD10000497691.

Person authorized to compile the technical file:

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

Helsinki, 14.09.2020

Signed for and on behalf of:

Tuomo Tarula  
Vice president, ABB Oy

Vesa Tuomainen  
Product Engineering manager, ABB Oy

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