

EU Declaration of Conformity

Machinery Directive 2006/42/EC

We

Manufacturer: ABB Oy

Address: Hiomotie 13, 00380 Helsinki, Finland.

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declare under our sole responsibility that the following products:

Frequency converters

ACS580-07 (frames R6-R11)

ACH580-07 (frames R6-R11)

ACQ580-07 (frames R6-R11)

identified with serial numbers beginning with 1 or 8

with regard to the safety functions

Safe torque off

Emergency stop (option codes +Q951, +Q963)

are in conformity with all the relevant safety component requirements of EU Machinery Directive 2006/42/EC, when the listed safety functions are 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 principles for design
EN ISO 13849-2:2012	Safety of machinery – Safety-related parts of the control systems. Part 2: Validation
EN 60204-1:2006 + A1:2009 + AC:2010	Safety of machinery – Electrical equipment of machines – Part 1: General requirements

The following other standard has been applied:

IEC 61508:2010	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 3AXD10000497306.

Person authorized to compile the technical file:

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Helsinki, 13 Oct 2017

Manufacturer representative:



Peter Lindgren
Vice President, ABB Oy