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 product:

Frequency converter

ACH580-07

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 function is used for safety component functionality.

The following harmonized standards have been applied:

EN 61800-5-2:2007
EN ISO 13849-1:2015
EN ISO 13849-2:2012

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

The following other standards have been applied:

IEC 61508:2010, parts 1-3
IEC 61800-5-2:2016

Functional safety of electrical / electronic / programmable electronic safety-related systems
Adjustable speed electrical power drive systems – Part 5-2: Safety requirements - Functional

Union Directives which are notified in Single EU Declaration of conformity 3AXD10000497691.

3AXD10000675693
Person authorized to compile the technical file:
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Helsinki, 28 Feb 2018

Manufacturer representative: Vesa Kandell
Vice President, ABB Oy