EU Declaration of Conformity
Machinery Directive 2006/42/EC

We, ABB Oy, Hiomotie 13, 00380 Helsinki, Finland, +358 10 22 11, declare under our sole responsibility that the following product:

Frequency converter(s)
ACH580-04/-34

with regard to the safety function(s)

Safe Torque Off

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
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
Safety of machinery – Electrical equipmen 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 fulfill(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
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Helsinki 12.08.2019
Manufacturer representative:

[Signature]
Tuomo Tarula
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