EU Declaration of Conformity
Machinery Directive 2006/42/EC

We
Manufacturer: ABB Oy
Address: Hiomentie 13, 00380 Helsinki, Finland.
Phone: +358 10 22 11

declare under our sole responsibility that the following product:

Frequency converter(s)
ACQ580-04/-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 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 fulfill(s) the relevant provisions of other European Union Directives which are notified in Single EU Declaration of conformity 3AXD10000497692.

Person authorized to compile the technical file
Name and address: Risto Myntinen, Hiomentie 13, 00380 Helsinki, Finland.

Helsinki 12.08.2019
Manufacturer representative:

[Signature]
Tuomo Tanila
Vice President, ABB Oy

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