

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 converters

ACQ580-01/-31

with regard to the safety function

Safe Torque Off

is 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

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

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

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 3AXD10000497692.

Person authorized to compile the technical file:

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

Helsinki, March 30, 2021

Signed for and on behalf of:

Tuomo Tarula
Local Division Manager, ABB Oy

Harri Mustonen
Product Unit Manager, ABB Oy

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