

EU Declaration of Conformity

Machinery Directive 2006/42/EC

We

Manufacturer: ABB Oy

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Declare under our sole responsibility that the following products:

Frequency converters and frequency converter components

ACS800-01, -U1, -04, -04M, -U4

ACS800-11, -U11, -31, -U31

identified with serial numbers beginning with 1, 8 or S

with regard to the safety function:

Safe torque-off (option code +Q967)

are in conformity with all the relevant safety component requirements of the 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 62061:2021	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 60204-1:2018	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
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The products referred in this declaration of conformity fulfils the relevant provisions of other European Union directives which are notified in a single EU declaration of conformity 3AXD10001111372.

Authorized to compile the technical file: ABB Oy, Hiomotie 13, 00380 Helsinki, Finland

Helsinki, 16 May 2023

Signed for and on behalf of:



Miikka Aho
Vice President, ABB Oy



Anttijussi Salminen
Life Cycle Management and Support
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