

# EU Declaration of Conformity

Machinery Directive 2006/42/EC

We

Manufacturer:

Address:

Phone:

ABB Oy

Hiomotie 13, 00380 Helsinki, Finland.

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declare under our sole responsibility that the following product:

## Frequency converters

**ACH580-01/-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

EN IEC 62061:2021

EN ISO 13849-1:2015

EN ISO 13849-2:2012

EN 60204-1:2018

The following other standards have been applied:

IEC 61508:2010, parts 1-2

IEC 61800-5-2:2016

Adjustable speed electrical power drive systems – Part 5-2: Safety requirements - Functional

Safety of machinery – Functional safety of safety-related control systems

Safety of machinery – Safety-related parts of control systems. Part 1: General requirements

Safety of machinery – Safety-related parts of the control systems. Part 2: Validation

Safety of machinery – Electrical equipment of machines – Part 1: General requirements

Functional safety of electrical / electronic / programmable electronic safety-related systems

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 3AXD10000497691.

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

Helsinki, August 31, 2022

Signed for and on behalf of:



Mika Vartiainen  
Local Division Manager  
ABB Oy



Harri Mustonen  
Product Unit Manager  
ABB Oy