EU Declaration of Conformity

Machinery Directive 2006/42/EC

We

Manufacturer: ABB Oy
Address: Hiimotle 13, 00380 Helsinki, Finland,
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declare under our sole responsibility that the following product:

**Frequency converter ACH480-04**

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.

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 referred in this Declaration of conformity fulfils the relevant provisions of other European Union Directives which are notified in Single EU Declaration of conformity 3AXD10000751207.

Helsinki, 28 August 2018

Manufacturer representative:

Vesa Kandell  
Vice President, ABB

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