

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 converter

MicroFlex e190

Type markings MFE190 (followed by additional alpha-numeric digits)

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	<i>Adjustable speed electrical power drive systems – Part 5-2: Safety requirements - Functional</i>
EN 62061:2005 + A1:2013 + A2: 2015	<i>Safety of machinery – Functional safety of safety-related electrical, electronic and programmable electronic control systems</i>
EN ISO 13849-1:2015	<i>Safety of machinery – Safety-related parts of control systems. Part 1: General principles for design</i>
EN ISO 13849-2:2012	<i>Safety of machinery – Safety-related parts of control systems. Part 2: Validation</i>

The following other standards have been applied:

EN 61508-1: 2010	<i>Functional safety of electrical/electronic/programmable electronic safety-related systems - Part 1: General requirements</i>
EN 61508-2: 2010	<i>Functional safety of electrical/electronic/programmable electronic safety-related systems - Part 2: Requirements for electrical/electronic/programmable electronic safety-related systems</i>

The product referred to in this Declaration of conformity fulfils the relevant provisions of other European Union Directives which are notified in Single EU Declaration of conformity 3AXD10000540159.

Person authorized to compile the technical file:

Juha Kokkonen, Quality Manager, Hiomotie 13, 00380 Helsinki, Finland.

Helsinki, 8th August 2017

Manufacturer representative:

Vesa Kandell
Vice President, ABB Oy