

EU Declaration of Conformity

Machinery Directive 2006/42/EC

We

Manufacturer: ABB Oy
Address: Hiomotie 13, 00380 Helsinki, Finland.
Phone: +358 10 22 11

declare under our sole responsibility that the following products:

Frequency converters and frequency converter components

ACS800-07, -U7, -17, 37, -107

ACS800-07LC, -17LC, -37LC, -107LC

ACS800 multidrives

ACS800LC multidrives

identified with serial numbers beginning with 1 or 8

with regard to the safety functions

Safe Torque Off (option code +Q967)

Prevention of Unexpected Start-up, with Safe Torque Off (option code +Q968)

Emergency stop (option codes +Q951, +Q952, +Q963, +Q964 = **Safe Stop 1**)

Safely-Limited Speed (option codes +Q965, +Q966)

Safe Maximum Speed (option codes +Q965, +Q966)

Safe Standstill (option code +Q965)

Safe Direction (option codes +Q965, +Q966)

are in conformity with all the relevant safety component requirements of EU Machinery Directive 2006/42/EC, when the listed safety functions are 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 + AC:2010 + 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 the control systems. Part 2: Validation</i>
EN 60204-1: 2006 + A1:2009 + AC:2010	<i>Safety of machinery – Electrical equipment of machines – Part 1: General requirements</i>

The following other standards have been applied:

IEC 61508:2010	<i>Functional safety of electrical / electronic / programmable electronic safety-related systems</i>
----------------	--

The products referred in this Declaration of conformity fulfil the relevant provisions of other European Union Directives which are notified in Single EU Declaration of conformity 3AXD10000497303.

Person authorized to compile the technical file:

Name and address: Vesa Tiihonen, Hiomotie 13, 00380 Helsinki, Finland.

Helsinki, 28 Jun 2016

Manufacturer representative:



Peter Lindgren
Vice President, ABB Oy