



Declaration of Conformity

(According to LVD 2014/35/EU and EMC 2014/30/EU)

Manufacturer: ABB Oy
Address: P.O Box 184, FI-00381 Helsinki, Finland. Street address: Hiomotie 13,

herewith declare under our sole responsibility that the frequency converter series with type markings:

Machinery drive and supply unit series ACSM1 with drive current rating from 2.5 A up to 635 A and type marking ACSM1-04 and supply unit current rating 7 A up to 93 A and type marking ACSM1-204 with WFU-xx line side filters

to which this declaration relates, are in conformity with the requirements of the Low Voltage Directive, LVD 2014/35/EU and EMC Directive, EMC 2014/30/EU, provided that the equipment is selected, installed and used according to our instructions.

The following European standards have been applied:

EN 61800-5-1:2007

Adjustable speed electrical power drive systems

Part 5-1: Safety requirements - Electrical, thermal and energy

EN 60204-1:2006 + A1:2009

Safety of machinery - Electrical equipment of machines

Part 1: General requirements

EN 61800-3:2004 + A1:2012

Adjustable speed electrical power drive systems

Part 3: EMC requirements and specific test methods

Instructions for installation, operation and maintenance are according to the product documentation.

Helsinki, 16 Dec 2016

Tuomo Höysniemi

Vice President
ABB Oy, Drives

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 product:

Frequency converter

ACSM1-04

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, 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 + 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 requirements</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 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 3AXD10000497841.

Person authorized to compile the technical file:

Name and address: Juha Martinmaa, Hiomotie 13, 00380 Helsinki, Finland.

Helsinki, 30 Jun 2016

Manufacturer representative:



Tuomo Höysniemi
Vice President, ABB Oy

3AXD00000569016