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

[Signature]

Tuomo Hoysniemi
Vice President
ABB Oy, Drives

DMS code: 3AXD00000569016
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:

<table>
<thead>
<tr>
<th>Standard</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN 61800-5-2:2007</td>
<td>Adjustable speed electrical power drive systems – Part 5-2: Safety requirements - Functional</td>
</tr>
<tr>
<td>EN ISO 13849-1:2015</td>
<td>Safety of machinery – Safety-related parts of control systems. Part 1: General requirements</td>
</tr>
</tbody>
</table>

The following other standards have been applied:

<table>
<thead>
<tr>
<th>Standard</th>
<th>Description</th>
</tr>
</thead>
</table>

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 Idosniemi
Vice President, ABB Oy

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