

# EU Declaration of Conformity

We

Manufacturer: ABB Oy

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declare under our sole responsibility that the following frequency converters:

**Models ACS580, ACH580 and ACQ580 followed by -01, -04, -07, -31 and -34, followed by -02A1, -02A7, -03A0, -03A4, -03A9, -04A1, -04A6, -04A7, -04A8, -05A7, -06A0, -06A1, -06A6, -06A7, -07A3, -07A5, -07A6, -09A0, -09A5, -10A6, -011A, -012A, -12A7, -014A, -017A, -018A, -019A, -022A, -023A, -024A, -025A, -026A, -027A, -031A, -032A, -033A, -034A, -039A, -041A, -044A, -046A, -047A, -052A, -059A, -060A, -062A, -065A, -073A, -075A, -077A, -078A, -088A, -089A, -096A, -099A, -106A, -114A, -115A, -124A, -125A, -143A, -144A, -145A, -156A, -169A, -171A, -180A, -192A, -206A, -211A, -213A, -240A, -242A, -246A, -260A, -271A, -273A, -276A, -293A, -302A, -343A, -361A, -363A, -365A, -396A, -414A, -430A, -442A, -477A, -505A, -585A, -650A, -725A, -820A, -880A, -0124A, -0145A, -0156A, -0169A, -0180A, -0206A, -0240A, -0246A, -0260A, -0293A, -0361A, -0363A, -0414A, -0430A, -0505A, -0585A, -0650A, -0725A, -0820A, -0880A, followed by -2, -4, or -6, may be followed by any combination of +Bxxx, +Cxxx, +Dxxx, +Exxx, +Fxxx, +Gxxx, +0Hxxx, +Hxxx, +0Jxxx, +Jxxx, +Kxxx, +Lxxx, +Mxxx, +Nxxxx, +0Pxxx, +Pxxx, +Qxxx, +Rxxx, where x can be any number 0-9.**

are in conformity with the relevant requirements of Low Voltage Directive 2014/35/EU, EMC Directive 2014/30/EU, RoHS Directive 2011/65/EU and Ecodesign Directive 2009/125/EC, provided that the equipment is selected, installed and used according to given instructions.

The following harmonized standards have been applied:

## **Low Voltage Directive 2014/35/EU**

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EN 61800-5-1:2007+A1:2017+A11:2021	Adjustable speed electrical power drive systems - Part 5-1: Safety requirements - Electrical, thermal and energy
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## **EMC Directive 2014/30/EU**

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EN 61800-3:2004+A1:2012	Adjustable speed electrical power drive systems - Part 3: EMC requirements and specific test methods
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**RoHS Directive 2011/65/EU**

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EN IEC 63000:2018

Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

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**Ecodesign Directive 2009/125/EC**

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EN 61800-9-2:2017

Adjustable speed electrical power drive systems - Part 9-2: Ecodesign for power drive systems, motor starters, power electronics and their driven applications - Energy efficiency indicators for power drive systems and motor starters

Individual MD Declaration of Conformity for Safety Functions:

Product	MD	Product	MD	Product	MD
ACS580-01	3AXD10000302783	ACH580-01	3AXD10000437229	ACQ580-01	3AXD10000486283
ACS580-04	3AXD10000352994	ACH580-04	3AXD10000611401	ACQ580-04	3AXD10000611400
ACS580-07	3AXD10000675677	ACH580-07	3AXD10000675693	ACQ580-07	3AXD10000675692
		ACH580-31	3AXD10000437229	ACQ580-31	3AXD10000486283
		ACH580-34	3AXD10000611401	ACQ580-34	3AXD10000611400

Helsinki, 14 Feb 2023

Signed for and on behalf of:

Mika Vartiainen  
Local Division Manager, ABB OyHarri Mustonen  
Product Unit Manager, ABB Oy