

UK Declaration of Conformity



We

Manufacturer: ABB Oy

Address: Hiomotie 13, 00380 Helsinki, Finland.

Phone: +358 10 22 11

declare under our sole responsibility that the following frequency converters:

Models ACS580, ACH580 and ACQ580 followed by -01, -04, -07, -31 or -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 or -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 Electrical Equipment (Safety) Regulations, Electromagnetic Compatibility Regulations, The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations and The Ecodesign for Energy-Related Products and Energy Information Regulations provided that the equipment is selected, installed and used according to given instructions.

The following designated standards have been applied:

Electrical Equipment (Safety) Regulations 2016

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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Electromagnetic Compatibility Regulations 2016

EN 61800-3:2004+A1:2012	Adjustable speed electrical power drive systems - Part 3: EMC requirements and specific test methods
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The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

EN IEC 63000:2018

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

The Ecodesign for Energy-Related Products and Energy Information (Amendment) (EU Exit) Regulation 2019

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 Supply of Machinery (Safety) Regulations Declaration of Conformity for Safety Functions:

Product	UK Machinery	Product	UK Machinery	Product	UK Machinery
ACS580-01	3AXD10001329534	ACH580-01	3AXD10001329521	ACQ580-01	3AXD10001329525
ACS580-04	3AXD10001329535	ACH580-04	3AXD10001329522	ACQ580-04	3AXD10001329526
ACS580-07	3AXD10001329536	ACH580-07	3AXD10001329523	ACQ580-07	3AXD10001329527
		ACH580-31	3AXD10001329521	ACQ580-31	3AXD10001329525
		ACH580-34	3AXD10001329522	ACQ580-34	3AXD10001329526

Helsinki, 13 Jun 2023

Signed for and on behalf of:

Mika Vartiainen
Local Division Manager, ABB OyMikko Korpinen
Engineering Manager, ABB Oy

EU Declaration of Conformity

We

Manufacturer: ABB Oy

Address: Hiomotie 13, 00380 Helsinki, Finland.

Phone: +358 10 22 11

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

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

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

EN IEC 63000:2018

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

Ecodesign Directive 2009/125/EC

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 Oy

 Harri Mustonen
 Product Unit Manager, ABB Oy