

EU Declaration of Conformity

Low Voltage Directive 2014/35/EU and EMC Directive 2014/30/EU

We

Manufacturer: ABB Oy

Address: Hiomotie 13, 00380 Helsinki, Finland.

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declare under our sole responsibility that the following products:

Frequency converter components

HES880-104

HES880-HLCL

HES880-HDCL

identified with serial numbers beginning with 1 or 8

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

The following harmonized 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 62477-1:2012/A11:2014	Safety requirements for power electronic converter systems and equipment - Part 1: General
EN 61800-3:2004 + A1:2012	Adjustable speed electrical power drive systems - Part 3: EMC requirements and specific test methods
EN ISO 13766-1:2018	Earth-moving and building construction machinery – Electromagnetic compatibility (EMC) of machines with internal electrical power supply – Part 1: General EMC requirements under typical electromagnetic environmental conditions

The following other standards have been applied:

IEC 61800-5-1:2007 + A1:2016	Adjustable speed electrical power drive systems - Part 5-1: Safety requirements - Electrical, thermal and energy
IEC 62477-1:2012 + A1:2016	Safety requirements for power electronic converter systems and equipment - Part 1: General
IEC 61800-3:2017	Adjustable speed electrical power drive systems - Part 3: EMC requirements and specific test methods
EN 13309:2010	Construction machinery - Electromagnetic compatibility of machines with internal power supply

The products referred in this declaration of conformity fulfil the relevant provisions of other European Union directives, which are notified in a single EU declaration of conformity 3AXD10000497307.

Helsinki, 28 May 2021

Signed for and on behalf of:



Peter Lindgren
Vice President, ABB Oy



Vesa Tiihonen
Quality Manager, ABB Oy