EU Declaration of Conformity
Machinery Directive 2006/42/EC

We
Manufacturer: ABB Oy
Address: Hiatomie 13, 00380 Helsinki, Finland.
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declare under our sole responsibility that the following products:

Frequency converters

ACS880-01
ACS880-04/-04F
ACS880-M04
ACS880-11/-31/-14/-34

with regard to the built-in safety function:

Safe torque off;

and with regard to the following optional safety functions with FSO-12 module (option code +Q973, encoderless):

Safe stop 1; Safe stop emergency; Safety-limited speed; Safe maximum speed; Safe brake control; Prevention of Unexpected Start-up;

and with regard to the following optional safety functions (option codes +Q972 and +L521, encoder supported):

Safe stop 1; Safe stop emergency; Safety-limited speed; Safe maximum speed; Safe brake control; Safe speed monitor; Safe direction; Prevention of Unexpected Start-up;

and with regard to the following optional safety function with FPTC-01 thermistor protection module (option code +L536):

Safe Motor Temperature;

are in conformity with all the relevant safety component requirements of EU Machinery Directive 2006/42/EC, when the listed safety functions are used for safety component functionality.
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The following harmonized standards have been applied:

EN 61800-5-2:2007 Adjustable speed electrical power drive systems – Part 5-2: Safety requirements - Functional
EN ISO 13849-1:2015 Safety of machinery – Safety-related parts of control systems. Part 1: General requirements

The following other standards have been applied:

IEC 61800-5-2:2016 Adjustable speed electrical power drive systems – Part 5-2: Safety requirements - Functional

The products referred in this Declaration of conformity fulfil the relevant provisions of other European Union Directives which are notified in Single EU Declaration of conformity 3AXD10000497831.

Person authorized to compile the technical file:
Name and address: Juha Martinmaa, Hiomotie 13, 00380 Helsinki, Finland.

Helsinki, 15 Sep 2017

Manufacturer representative:
Vesa Kandell
Vice President, ABB Oy

3AXD10000099646