

Declaration of Conformity

Supply of Machinery (Safety) Regulations 2008

We

Manufacturer: ABB Oy

Address: Hiomotie 13, 00380 Helsinki, Finland.

Phone: +358 10 22 11

Declare under our sole responsibility that the following products:

Frequency converters

ACS880 and DCS880 Based Retrofits for ACS600

ACS880R-107S6 ACS880R-107F6

ACS880R-207S6

ACS880R-307S6

ACS880R-407S6

ACS880R-807S6

with regard to the safety function

Prevention of unexpected start-up with safety relay (option code +Q957)

are in conformity with all the relevant safety component requirements of the Supply of Machinery (Safety) Regulations 2008, when the listed safety functions are used for safety component functionality.

The following designated standards have been applied:

EN 61800-5-2:2007	Adjustable speed electrical power drive systems – Part 5-2: Safety requirements - Functional
EN 62061:2021	Safety of machinery – Functional safety of safety-related electrical, electronic and programmable electronic control systems
EN ISO 13849-1:2015	Safety of machinery – Safety-related parts of control systems. Part 1: General principles for design
EN ISO 13849-2:2012	Safety of machinery – Safety-related parts of the control systems. Part 2: Validation
EN 60204-1:2018	Safety of machinery – Electrical equipment of machines – Part 1: General requirements

The following other standards have been applied:

EN 61508:2010, parts 1-2	Functional safety of electrical / electronic / programmable electronic safety-related systems
EN 61800-5-2:2017	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 UK statutory requirements, which are notified in a single declaration of conformity 3AXD10001356088.

Authorized to compile the technical file:

ABB Limited, Daresbury Park, Cheshire, United Kingdom, WA4 4BT

Helsinki, 16 May 2023

Signed for and on behalf of:



Miikka Aho
Vice President, ABB Oy



Anttijussi Salminen
Life Cycle Management and Support
Manager, ABB Oy