EU Declaration of Conformity

Machinery Directive 2006/42/EC

We
Manufacturer: ABB Oy
Address: Hiromotie 13, 00380 Helsinki, Finland.
Phone: +358 10 22 11

declare under our sole responsibility that the following product:

Frequency converter

ACS580-07

with regard to the safety functions

Safe torque off

Emergency stop (option codes +Q951, +Q963)

are in conformity with all the relevant safety component requirements of EU Machinery Directive 2006/42/EC, when the listed safety function is used for safety component functionality.

The following harmonized standards have been applied:

EN 61800-5-2:2007
Adjustable speed electrical power drive systems – Part 5-2: Safety requirements - Functional

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 requirements

EN ISO 13849-2:2012
Safety of machinery – Safety-related parts of the contrl of systems. Part 2: Validation

Safety of machinery – Electrical equipment of machines – Part 1: General requirements

The following other standards have been applied:

IEC 61508:2010, parts 1-3
Functional safety of electrical / electronic / programmable electronic safety-related systems

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

Union Directives which are notified in Single EU Declaration of conformity
3AXD10000497690.
Person authorized to compile the technical file:
Name and address: Timo Pasanen, Hiomotie 13, 00380 Helsinki, Finland.

Helsinki, 28 Feb 2018

Manufacturer representative: Vesa Kandell
Vice President, ABB Oy