

Declaration of Conformity

Supply of Machinery (Safety) Regulations 2008

We

Manufacturer: ABB AG

Address: Wallstadter Str.59, 68526 Ladenburg, Germany.

Phone: +49 6203 71-0

declare under our sole responsibility that the following products:

DC converters and DC converter components

DCS 880

identified with serial numbers beginning with 0 or 1

with regard to the safety functions

Safe torque off

Safe Stop 1 (SS1-t) with FSPS-21 module

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 61800-5-2:2017	Adjustable speed electrical power drive systems – Part 5-2: Safety requirements - Functional
EN 62061:2005 + AC:2010 + A1:2013 + A2:2015	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 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 1-7	Functional safety of electrical / electronic / programmable electronic safety-related systems
EN 61800-5-1:2007 + A1:2016 (in extracts)	Adjustable speed electrical power drive systems – Part 5-2: Safety requirements – Electrical, thermal and energy
EN 61800-3:2018 (in extracts)	Adjustable speed electrical power drive systems - Part 3: EMC requirements and specific test methods

The products referred in this declaration of conformity fulfil the relevant provisions of other UK Legislation, which are notified in a single UK declaration of conformity 3ADW000758.

Person authorized to compile the technical file:

Name and address: Holger Kröhler, Wallstadter Str. 59, 68526 Ladenburg, Germany

Year of UKCA marking: 2021

Ladenburg, 25.10.2021

Signed for and on behalf of:

i.V. Jörg Felten
Head of Global Center DC-Drives
Motion, Germany

i.V. Holger Kröhler
Head of Product Maintenance and Quality DC Drives
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