

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, 26.05.2023

Signed for and on behalf of:

i.V. Jörg Felten
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