

Declaration of Conformity

Supply of Machinery (Safety) Regulations 2008

We

Manufacturer: ABB Beijing Drive Systems Co., Ltd.

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Declare under our sole responsibility that the following products:

Frequency converters

MicroFlex e190-04UD-xxAx-2 (1ph 200-240Vac)

MicroFlex e190-04UD-xxAx-2 (3ph 200-240Vac)

with regard to the safety function

Safe torque-off

are in conformity with all the relevant safety component requirements of the Supply of Machinery (Safety) Regulations 2008, when the listed safety function is 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 62061:2005 + 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 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:

IEC 61508:2010, parts 1-2	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

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 3AXD10001398251.

Authorized to compile the technical file:

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

Beijing, 31 May 2021

Signed for and on behalf of:



Petri Sullstrom
Local Division Manager
ABB Beijing Drive Systems Co., Ltd.



XuMing Wang
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