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 product:

Frequency converter
ACS355
with regard to the safety function
Safe Torque Off
is 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 harmonized standards have been applied:

EN 61800-5-2:2007
EN ISO 13849-1:2015
EN ISO 13849-2:2012
EN 60204-1:2018

The following other standards have been applied:

IEC 61508:2010, parts 1-2
IEC 61800-5-2:2016

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
Safety of machinery – Safety-related parts of control systems. Part 1: General requirements
Safety of machinery – Safety-related parts of the control systems. Part 2: Validation
Safety of machinery – Electrical equipment of machines – Part 1: General requirements
Functional safety of electrical / electronic / programmable electronic safety-related systems
Adjustable speed electrical power drive systems – Part 5-2: Safety requirements - Functional

The product(s) referred in this declaration of conformity fulfil(s) the relevant provisions of other UK statutory requirements, which are notified in a single declaration of conformity 3AXD10001300094.

Authorized to compile the technical file: ABB Limited, Daresbury Park, Cheshire, United Kingdom, WA4 4BT.

Helsinki, May 7, 2021
Signed for and on behalf of:

Tuomo Tarula
Local Division Manager, ABB Oy

Mikko Korpinen
Product Unit Manager, ABB Oy

Document number 3AXD10001329543