Declaration of Conformity
(DIRECTIVE 2006/42/EC [Machinery Directive])
(Original Declaration)

Document code: 3ADW000479R0201

We, ABB AG
Wallstader Str. 59
D-68526 Ladenburg, Germany

herewith declare under our sole responsibility, that the product series

DCS 880 Converter Module

to which this declaration relates, is a BDM / CDM according EN 61800-1:1998
[IEC 61800-1:1997].

With regard to the safety function “Safe torque off” (STO), it is in conformity with the
relevant safety component requirements of EU Machinery Directive 2006/42/EC, if the
listed safety function is used for Safety component functionality

Following European standards have been applied:

  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 ISO13849-1:2015 [IEC 13849-1:2015]
  Safety of machinery – Safety-related parts of control systems. Part 1: General principles for design
- EN 60204-1:2018 [IEC60204-1:2016]
  Safety of machinery – Electrical equipment of Machines

Year of CE-marking: 2016

The product referred in this Declaration of Conformity fulfil the relevant provisions of other
European Union Directives which are notified in Single EU Declaration of Conformity, see
3ADW000484.
Person, which is authorized to compile the technical file: Holger Kröhler

Ladenburg, 04.11.2021

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Motion, Germany

This declaration does not express any assurance of characteristics.
Installation and safety instructions mentioned in our installation manual must be obeyed.
The conformity was tested in a typical configuration.