ABB

Declaration of Conformity

(DIRECTIVE 2014/35/EU [Low Voltage Directive])
(DIRECTIVE 2014/30/EU [EMC Directive])

Document code: 3ADW000212R0701

This declaration of Conformity is issued under the sale responsibility of the manufacturer.

>ABB AG
>Division Drives & Motors
>Wallstadter Str. 59 D - 68526 Ladenburg, Germany

that the product series

DCS 800 Converter Module up to supply voltage of 1000V~ (see Appendix)

to which this declaration relates, is a BDM / CDM according EN 61800-1: 1998
[IEC 61 800-1].

It is in conformity with the Low Voltage Directive (LVD) 2014/35/EU and the EMC Directive (EMCD) 2014/30/EU, provided that the equipment is selected, installed and used according our instructions.

Following European standards have been applied:

   o   EN 61800-5-1:2007+A1:2017   [IEC 61800-5-1:2007+A1:2016]
   Adjustable speed electrical power drive systems –
   Part 5-1: Safety requirements – Electrical, thermal and energy

   o   EN IEC 61800-3:2018   [IEC 61800-3:2017]
   Adjustable speed electrical power drive systems –
   Part 3: EMC requirements and specific test methods

Year of CE-marking: 2006

This declaration is based for LVD on statement of test reports STR L2544 and STR L2545 from notified body SGS Fimko Ltd. For EMCD the declaration is based on the EMC compliance statement no.21978 and no. 22249 from SGS Fimko Ltd.

Ladenburg, 28.10.2021

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Head of Global Center DC-Drives
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Product Maintenance and Quality DC Drives
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.

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Appendix A

with reference to ABB Declaration of Conformity, document code:

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The product series **DCS800 Converter Module** fulfills the requirements of
- the Low Voltage Directive (LVD) 2014/35/EU (valid from 20.04.2016)

- the EMC Directive (EMCD) 2014/30/EU (valid from 20.04.2016).

DCS800 Converter Modules include following types:

400V- modules

Type	Type
DCS800-S01-0020-04xy	DCS800-S02-0025-04xy
DCS800-S01-0045-04xy	DCS800-S02-0050-04xy
DCS800-S01-0065-04xy	DCS800-S02-0075-04xy
DCS800-S01-0090-04xy	DCS800-S02-0100-04xy
DCS800-S01-0125-04xy	DCS800-S02-0140-04xy
DCS800-S01-0180-04xy	DCS800-S02-0200-04xy
DCS800-S01-0230-04xy	DCS800-S02-0260-04xy
DCS800-S01-0315-04xy	DCS800-S02-0350-04xy
DCS800-S01-0405-04xy	DCS800-S02-0450-04xy
DCS800-S01-0470-04xy	DCS800-S02-0520-04xy
DCS800-S01-0610-04xy	DCS800-S02-0680-04xy
DCS800-S01-0740-04xy	DCS800-S02-0820-04xy
DCS800-S01-0900-04xy	DCS800-S02-1000-04xy
DCS800-S01-1190-04xy	DCS800-S02-1190-04xy
DCS800-S01-1200-04xy	DCS800-S02-1200-04xy
DCS800-S01-1500-04xy	DCS800-S02-1500-04xy
DCS800-S01-2500-04xy	DCS800-S02-2500-04xy
DCS800-S01-3300-04xy	DCS800-S02-3300-04xy
DCS800-S01-4000-04xy	DCS800-S02-4000-04xy

Positions with xy in the type codes are replaced with numbers depending of used options.

500V - modules

Type	Type
DCS800-S01-0020-05xy	DCS800-S02-0025-05xy
DCS800-S01-0045-05xy	DCS800-S02-0050-05xy
DCS800-S01-0065-05xy	DCS800-S02-0075-05xy
DCS800-S01-0090-05xy	DCS800-S02-0100-05xy
DCS800-S01-0125-05xy	DCS800-S02-0140-05xy
DCS800-S01-0180-05xy	DCS800-S02-0200-05xy
DCS800-S01-0230-05xy	DCS800-S02-0260-05xy
DCS800-S01-0315-05xy	DCS800-S02-0350-05xy
DCS800-S01-0405-05xy	DCS800-S02-0450-05xy
DCS800-S01-0470-05xy	DCS800-S02-0520-05xy
DCS800-S01-0610-05xy	DCS800-S02-0680-05xy
DCS800-S01-0740-05xy	DCS800-S02-0820-05xy
DCS800-S01-0900-05xy	DCS800-S02-1000-05xy
DCS800-S01-1190-05xy	DCS800-S02-1190-05xy
DCS800-S01-1200-05xy	DCS800-S02-1200-05xy
DCS800-S01-1500-05xy	DCS800-S02-1500-05xy
DCS800-S01-2050-05xy	DCS800-S02-2050-05xy
DCS800-S01-2500-05xy	DCS800-S02-2500-05xy
DCS800-S01-3300-05xy	DCS800-S02-3300-05xy
DCS800-S01-4000-05xy	DCS800-S02-4000-05xy

600V- modules

Type	Type
DCS800-S01-0900-06xy	DCS800-S02-0900-06xy
DCS800-S01-1500-06xy	DCS800-S02-1500-06xy
DCS800-S01-2050-06xy	DCS800-S02-2050-06xy
DCS800-S01-2500-06xy	DCS800-S02-2500-06xy
DCS800-S01-3300-06xy	DCS800-S02-3300-06xy
DCS800-S01-4000-06xy	DCS800-S02-4000-06xy

Positions with xy in the type codes are replaced with numbers depending of used options.

690V- modules

Type	Type
DCS800-S01-0900-07xy	DCS800-S02-0900-07xy
DCS800-S01-1500-07xy	DCS800-S02-1500-07xy
DCS800-S01-2050-07xy	DCS800-S02-2050-07xy
DCS800-S01-2500-07xy	DCS800-S02-2500-07xy
DCS800-S01-3300-07xy	DCS800-S02-3300-07xy
DCS800-S01-4000-07xy	DCS800-S02-4000-07xy

800V- modules

Type	Type
DCS800-S01-1900-08xy	DCS800-S02-1900-08xy
DCS800-S01-2500-08xy	DCS800-S02-2500-08xy
DCS800-S01-3300-08xy	DCS800-S02-3300-08xy
DCS800-S01-4000-08xy	DCS800-S02-4000-08xy

990V- modules

Type	Type
DCS800-S01-2050-10xy	DCS800-S02-2050-10xy
DCS800-S01-2600-10xy	DCS800-S02-2600-10xy
DCS800-S01-3300-10xy	DCS800-S02-3300-10xy
DCS800-S01-4000-10xy	DCS800-S02-4000-10xy

Positions with xy in the type codes are replaced with numbers depending of used options.