



Declaration of Conformity

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

Document code: 3ADW000212R0801

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)

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:

- EN 61800-5-1:2007+A1:2017+A11:2021
Adjustable speed electrical power drive systems –
Part 5-1: Safety requirements – Electrical, thermal and energy
- EN IEC 61800-3:2018
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, 06.09.2023

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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.



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

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

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/letters depending on version,
x could be empty, -, L, R
y could be a to z

May be followed by any combination of 0Jxxx, 0Sxxx, +Jxxx, +Kxxx, +Lxxx, +Pxxx, +Sxxx.