



Danfoss A/S

6430 Nordborg
Denmark
CVR nr.: 20 16 57 15

Telephone: +45 7488 2222
Fax: +45 7449 0949

EU DECLARATION OF CONFORMITY
Danfoss A/S
Danfoss Drives

declares under our sole responsibility that the

Product category: Frequency Converter

Type designation(s): iC7yyyyyyyyyyyyyyyyy***y

y are varying numbers or letters indicating drive configurations which impact this DoC.

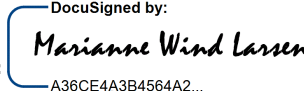

- Character 4-5 (Frame type) FA, FK, FB
- Character 6-7 (Frame size) 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12
- Character 8 (Cooling type) A
- Character 9-10 (Voltage class) T5
- Character 11-14 (Current rating) 01A3, 01A8, 02A4, 03A0, 04A0, 05A6, 07A2, 09A2, 12A5, 16A0, 24A0, 31A0, 38A0, 43A0, 61A0, 73A0, 90A0, 106A, 147A, 170A, 206A, 245A, 302A, 385A, 395A, 480A, 588A, 658A, 736A, 799A, 893A, 1000, 1120, 1260.
- Character 15 (Enclosure rating) 1, 2, 4
- Character 16 (RFI class) C, D, E
- Character 17 (Brake) X, 1
- Character 18 (Internal fuse) X, 1, 3
- Character 19 (DC-terminals) X, 1
- Character 23 (Functional Safety) X¹, A²

* may be any number or letter indicating drive options which do not impact this DoC.

Covered by this declaration is in conformity with the following directive(s), regulations(s), standard(s) or other normative document(s), provided that the product is used in accordance with our instructions.

Machinery Directive 2006/42/EU (only applicable for Character 23 = A)

EN 61800-5-2:2007 Adjustable speed electrical power drive systems - Part 5-2:
Safety requirements -Functional
Other standards used are specified on TÜV Süd Certificate :
Z10 082282 0011Rev.01

Date: 2024.05.27 Place of issue: Graasten, DK	Issued by DocuSigned by:  Signature: <i>Marianne Wind Larsen</i> Name: Marianne Wind Larsen Title: Product Owner iC7 Automation	Date: 2024.05.27 Place of issue: Graasten, DK	Approved by DocuSigned by:  Signature: <i>Christian Strahberger</i> Name: Christian Strahberger Title: Head of Performance Drives
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Danfoss only vouches for the correctness of the English version of this declaration. In the event of the declaration being translated into any other language, the translator concerned shall be liable for the correctness of the translation

Low Voltage Directive 2014/35/EU

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

EMC Directive 2014/30/EU

IEC 61800-3:2022 Adjustable speed electrical power drive systems – Part 3: EMC
requirements and specific test methods.

RoHS Directive 2011/65/EU including amendment 2015/863.

EN 63000:2018 Technical documentation for the assessment of electrical and
electronic products with respect to the restriction of hazardous
substances.

**Commission Regulation (EU) 2019/1781 under the Ecodesign Directive 2009/125/EC including
amendment in Commission Regulation (EU) 2021/341**

EN 61800-9-2:2017 Adjustable speed electrical power drive systems - Part 9-2: Ecodesign
for power drive systems, motor starters, power electronics and their
driven applications - Energy efficiency indicators for power drive
systems and motor starters.



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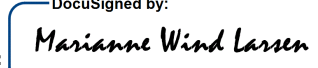

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The Supply of Machinery (Safety) Regulations 2008 (only applicable for Character 23 = A)

BS EN IEC 61800-5-2:2007 Adjustable speed electrical power drive systems - Part 5-2:
Safety requirements -Functional
Other standards used are specified on TÜV Süd Certificate :
Z10 082282 0011Rev.01

Date: 2024.05.27 Place of issue: Graasten, DK	Issued by DocuSigned by:  Signature: Marianne Wind Larsen Name: Marianne Wind Larsen Title: Product Owner iC7 Automation	Date: 2024.05.27 Place of issue: Graasten, DK	Approved by DocuSigned by:  Signature: Christian Strahberger Name: Christian Strahberger Title: Head of Performance Products
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Electrical Equipment (Safety) Regulations 2016

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

Electromagnetic Compatibility Regulations 2016

BS EN IEC 61800-3:2023 Adjustable speed electrical power drive systems – Part 3:
EMC requirements and specific test methods.

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 as amended

BS EN IEC 63000:2018 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.

Commission Regulation (EU) 2019/1781 under the Ecodesign Directive 2009/125/EC including amendment in Commission Regulation (EU) 2021/341

BS EN IEC 61800-9-2:2017 Adjustable speed electrical power drive systems - Part 9-2: Ecodesign for power drive systems, motor starters, power electronics and their driven applications - Energy efficiency indicators for power drive systems and motor starters.