



Danfoss A/S

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EU DECLARATION OF CONFORMITY
Danfoss A/S
Danfoss Drives

declares under our sole responsibility that the

Product category: Frequency Converter, iC7-Automation
Type designation(s): iC7yyyyyyyyyyyyyyyyyyy***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) B, C, D, E
- Character 17 (Brake) X, 1
- Character 18 (Internal fuse) X, 1, 2, 3
- Character 19 (DC-terminals) X, 1
- Character 23 (Functional Safety) X, A, B

* 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 equals A or B, see below)
EN 61800-5-2:2017

Adjustable speed electrical power drive systems - Part 5-2:
Safety requirements - Functional
TüV SÜD Certificate Z10 082282 0011
Character 23: A: +BEF1
B: +BEF2

Date: 2025.02.26 Place of issue: Graasten, DK	Issued by DocuSigned by: Torben Brynningsen Signature: 7D84099A150E417... Name: Torben Brynningsen Title: Product Owner, iC7 Automation	Date: 2025.02.26 Place of issue: Graasten, DK	Approved by DocuSigned by: Stefan Desch Signature: 3407E91C691B4B6... Name: Stefan Desch Title: Vice President, Performance Drives & Motion
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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 61800-9-2:2023 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.

**Batteries Regulation 2023/1542 concerning batteries and waste batteries, amending Directive
2008/98/EC and Regulation (EU) 2019/1020 and repealing Directive 2006/66/EC**

EN 45554:2020 General methods for the assessment of the ability to repair,
reuse and upgrade energy-related products