



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, VLT Midi drive

Type designation(s): FC-280Pyyyyy***yy*****

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

Character 8-10 (Power class) K37, K55, K75, 1K1, 1K5, 2K2, 3K0, 3K7, 4K0, 5K5, 7K5, 11K, 15K, 18K, 22K
Character 11-12 (Voltage class) S2, T2, T4
Character 16-17 (RFI class) H1, H2, E2

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

The product covered by this declaration is designed and manufactured in compliance with the following directive(s), standard(s), and other relevant normative document(s), provided it is installed and used as specified by the manufacturer.

Low Voltage Directive (LVD) (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.

Electromagnetic Compatibility Directive (EMC) (2014/30/EU)

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

Machinery Directive (MD) (2006/42/EU)

EN 61800-5-2:2017 Adjustable speed electrical power drive systems - Part 5-2:
(Safe Torque Off, SIL 3 Capability) Safety requirements – Functional

Date: 12 June 2026 Place of issue: Graasten, DK	Issued by Signed by:  Signature: Name: Kenneth Michelsen Title: Product Manager	Date: 18 June 2026 Place of issue: Graasten, DK	Approved by Signed by:  Signature: Name: Lennart Lund Title: Senior Director
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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.



RoHS Directive (2011/65/EU), as amended by Commission Delegated Directive (EU) 2015/863

EN IEC 63000:2018

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

Ecodesign Directive (2009/125/EC) & Ecodesign Commission Regulation (2019/1781/EU)

EN IEC 61800-9-2:2025

Adjustable speed electrical power drive systems (PDS) - Part 9-2: Ecodesign for motor systems - Energy efficiency determination and classification

Packaging and packaging waste Regulation (PPWR) (2025/40/EU)

The packaging complies with the requirements of Packaging and packaging waste Regulation (PPWR) (2025/40/EU), specifically Articles 5–12 covering:

- Chemical content restrictions
- Recyclability
- Recycled content
- Packaging minimization
- Labelling requirements

Additional information

Harmonised standards, the references of which are published in the Official Journal of the European Union, have been applied:

EN 61800-3:2004/A1:2012

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

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