

**Danfoss A/S**6430 Nordborg
Denmark
CVR nr.: 20 16 57 15Telephone: +45 7488 2222
Fax: +45 7449 0949**EU DECLARATION OF CONFORMITY****Danfoss A/S****Vacon**

declares under our sole responsibility that the **VACON® NXL AC drive**

Product category: Frequency Converter

Type designation(s): NXL 0000 5 C 1 N 0 SSS XX ****

Characters can be replaced by following:

Character 0000: 0001, 0002, 0003, 0004, 0005, 0006, 0007, 0009, 0012, 0016, 0023, 0031, 0038, 0046, 0061

Character 5: 2, 5

Character C: B, C

Character 1: 1, 2, 5

Character N: C, H, N, T

Character 0: 0, 1

Character SSS: SSS, SDS, SSV

Character XX: Option board slots

* 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), regulation(s), standard(s) or other normative document(s), provided that the product is used in accordance with our instructions.

Low Voltage Directive [2014/35/EU]



EN 61800-5-1:2007

Adjustable speed electrical power drive systems - Part 5-1: Safety requirements - Electrical, thermal and energy

EMC Directive [2014/30/EU]

EN 61800-3:2004+A1:2012

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

Date: 2021.08.25 Place of issue: Vaasa	Issued by  Signature: Name: Hans Carlsson Title: Director, Regional Product Management	Date: 2021.08.25 Place of issue: Vaasa	Approved by  Signature: Name: Timo Kasi Title: VP, Product Management and Development Finland
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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 including amendment 2015/863]

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

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.

Other standards considered:

EN 60204-1:2018
(Stop Category 0)

Safety of machinery - Electrical equipment of machines Part1: General requirements

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Electrical Equipment (Safety) Regulations 2016



BS EN 61800-5-1:2007

Adjustable speed electrical power drive systems - Part 5-1: Safety requirements - Electrical, thermal and energy

Electromagnetic Compatibility Regulations 2016

BS EN 61800-3:2004+A1:2012

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

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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

UK Statutory Instrument 2021 No 745: The Ecodesign for Energy-Related Products and Energy Information Regulations 2021, Chapter 6 & Schedules 16-18.

BS 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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