



**Danfoss A/S**

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Denmark  
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**EU DECLARATION OF CONFORMITY**

**Danfoss A/S**

**Vacon**

declares under our sole responsibility that the **VACON® NX Liquid-Cooled drives**

**Product category:** Frequency Converter

**Type designation(s):** NXP 0000 5 A 0 N 1 YWV XXXXX \*\*\*\*

Characters can be replaced by following:

Character NXP: NXP, NXB, NXA, NXN

Character 0000: 0016, 0022, 0031, 0038, 0045, 0061, 0072, 0087, 0105, 0144, 0168, 0170, 0205, 0208, 0261, 0300, 0325, 0385, 0416, 0460, 0502, 0520, 0590, 0650, 0730, 0750, 0820, 0920, 1030, 1150, 1180, 1300, 1370, 1500, 1640, 1700, 1850, 2000, 2060, 2120, 2300, 2340, 2470, 2700, 2950, 3100, 3710, 4140

Character 5: 5, 6, 8

Character A: A, B, F, G

Character 0: 0

Character N: N, T

Character 1: 0, 1

Character Y: I, S, Y, N, T, W, U, 2, 8

Character W: W, P

Character V: F, G, S, V

Character XXXXX: 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

Date: 2021.08.25 Place of issue: Vaasa	Issued by   Signature: Name: <b>Hans Carlsson</b> Title: <b>Director, Regional Product Management</b>	Date: 2021.08.25 Place of issue: Vaasa	Approved by   Signature: Name: <b>Timo Kasi</b> Title: <b>VP, Product Management and Development Finland</b>
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**EMC Directive [2014/30/EU]**

EN 61800-3:2004+A1:2012  
(only immunity)

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

**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

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**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  
(only immunity)

**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.

**Other standards considered:**

BS EN 60204-1:2018 Safety of machinery - Electrical equipment of machines Part1: (Stop Category 0) General requirements

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