

**Danfoss A/S**6430 Nordborg
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EU DECLARATION OF CONFORMITY

Danfoss A/S

Vacon

declares under our sole responsibility that the **VACON® NXP System Drive Products**

Product category: Frequency Converter

Type designation(s):

ADS sections, ADS_ : 400, 600, 800, 1000

MIS sections, MIS_ : 250, 320, 400, 630, 800, 1000, 1250, 1600, 2000, 2500, 3200, 4000, 5000

NFS sections, NFS_ : 1x, 2x

AFS sections, AFS_ : 9, 10, 13

IUS sections, IUS_ : 4, 6, 7, 8, 9, 9_2, 10, 10_2, 12, 13, 14

DBS sections, DBS_ : 4, 7, 8, 9, 10

TSU sections, TSU_ : 400

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

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

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

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

EN 61439-1:2011
(as relevant)

Low-voltage switchgear and controlgear assemblies - Part 1:
General rules

EN 61439-2:2011
(as relevant)

Low-voltage switchgear and controlgear assemblies - Part 2:
Power switchgear and controlgear assemblies

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UK DECLARATION OF CONFORMITY
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- TSU sections, TSU_ : 400

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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

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

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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

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