

**Danfoss A/S**

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EU DECLARATION OF CONFORMITY**Danfoss A/S****Danfoss Drives**

declares under our sole responsibility that the **VACON® 100 X AC drives**

Product category: Frequency Converter

Type designation(s): VACON0100-3L XXXX-Y-Z****

Character X: 0003, 0004, 0005, 0006, 0008, 0009, 0011, 0012, 0016, 0018, 0023, 0024, 0031, 0038, 0046, 0048, 0061, 0062, 0072

Character Y: 2, 4, 5

Character Z: X

* 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

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: 2021.06.15 Place of issue: Vaasa	Issued by  Signature: Name: Hans Carlsson Title: Director, Regional Product Management	Date: 2021.06.15 Place of issue: Vaasa	Approved by  Signature: Name: Timo Kasi Title: VP, Product Management and Development Finland
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Machine Directive 2006/42/EC

EN 61800-5-2:2017

(Safe Torque Off – Safe Stop function)

Adjustable speed electrical power drive systems - Part 5-2: Safety requirements – Functional

Commission Regulation (EU) 2019/1781 under the Ecodesign Directive 2009/125/EC including amendment in Commission Regulation (EU) 2021/341

EN IEC 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 (in extracts)

(Emergency Stop - Safety function)

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

EN ISO 13849-1:2015

(Safe Stop function)

Safety of machinery. Safety-related parts of control systems. Part 1: General principles for design

EN 62061:2015

(Safe Stop function)

Safety of machinery - Functional safety of safety-related electrical, electronic and programmable electronic control systems

Notified body that carried out the EC type examination:

TÜV Rheinland Industrie Service GmbH,

Alboinstr. 56, 12103 Berlin / Germany

Certification Body for Machinery NB 0035, Certificate No. 01/205/5219.02/18 (applied to 480V, 500V)

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