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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):** VACON® 0100 3L 0007 2... to 0062 2 X  
 VACON® 0100 3L 0003 4... to 0072 4 X  
 VACON® 0100 3L 0003 5... to 0072 5 X

Covered by this declaration is in conformity with the following directive(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 and 2015/863/EU]**

EN 50581:2012 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

**Machine Directive 2006/42/EC**

EN 61800-5-2:2017 Adjustable speed electrical power drive systems - Part 5-2: Safety requirements - Functional  
 (Safe Torque Off - Safe Stop function)

**Other standards considered:**

IEC 60204-1:2016 (in extracts) Safety of machinery - Electrical equipment of machines Part1:  
 (Emergency Stop - Safety function) General requirements

EN ISO 13849-1:2015 Safety of machinery. Safety-related parts of control systems. Part 1:  
 (Safe Stop function) General principles for design

IEC 62061:2015 Safety of machinery - Functional safety of safety-related electrical,  
 (Safe Stop function) electronic and programmable electronic control systems

Notified body that carried out the EC type examination:

Date:	Issued by	Date:	Approved by
23/10 2019	Signature: Name: Michael Quitzau Title: Head of Standard & Decentral Drives	31/10 2019	Signature: Name: Timo Kasl Title: VP, Design Center Finland

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