

**Danfoss A/S**6430 Nordborg
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Fax: +45 7449 0949**EU DECLARATION OF CONFORMITY****Danfoss A/S****Danfoss Drives**declares under our sole responsibility that the **VACON® 20 CP and VACON® 20 X AC drives****Product category:** Frequency Converter

Type designation(s):	VACON® 0020 1L 0004 2...0007 2 CP	VACON® 0020 1L 0004 2...0007 2 X
	VACON® 0020 3L 0004 2...0017 2 CP	VACON® 0020 3L 0004 2...0017 2 X
	VACON® 0020 3L 0003 4...0016 4 CP	VACON® 0020 3L 0003 4...0016 4 X
	VACON® 0020 3L 0003 5...0016 5 CP	VACON® 0020 3L 0003 5...0016 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

IEC 61800-5-2:2016

(Safe Torque Off – Safe Stop function)

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

Other standards considered:IEC 60204-1:2016 (in extracts)
(Emergency Stop - Safety function)

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

ISO 13849-1:2015
(Safe Stop function)

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

IEC 62061:2015
(Safe Stop function)

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

Product Safety Functions: Safe Torque Off (IEC 61800-5-2:2016) and Emergency Stop (IEC 60204-1:2016 in extracts) available only on three-phase models.

Date: 28/10 2019	Issued by Signature: Name: Michael Quitzau Title: Head of Standard & Decentral Drives	Date: Oct. 31, 2019	Approved by Signature: Name: Timo Kasi Title: VP, Design Center Finland
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