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EU DECLARATION OF CONFORMITY

**Danfoss A/S
Danfoss Drives A/S**

declares under our sole responsibility that the

Product category: Frequency Converter

Type designation(s): FC-280PXXXYY***ZZ*****

Character XXX: K37, K55, K75, 1K1, 1K5, 2K2, 3K0, 4K0, 5K5, 7K5, 11K, 15K, 18K, 22K

Character YY: S2, T2, T4

Character ZZ: H1, H2, E2

The meaning of the 30 characters in the type code string can be found in appendix 00729776.

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

EN61800-5-1:2007

Adjustable speed electrical power drive systems – Part 5-1: Safety requirements – Electrical, thermal and energy.

EMC Directive 2014/30/EU

EN61800-3:2005 + 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.

EN50581: 2012

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

Date: 2020.03.20 Place of issue: Graasten, DK	Issued by  Signature: Name: Gert Kjær Title: Senior Director, GDE	Date: 2020.03.20 Place of issue: Graasten, DK	Approved by  Signature: Name: Michael Termansen Title: VP, PD Center Denmark
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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

Machinery Directive 2006/42/EC

EN61800-5-2:2007

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

EN62061:2012

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

EN61508 Parts 1-7:2010

Functional safety of electrical/electronic/ programmable electronic
safety related systems.

EN ISO 13849-1:2015

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