



**Danfoss A/S**

6430 Nordborg  
Denmark  
CVR nr.: 20 16 57 15

Telephone: +45 7488 2222  
Fax: +45 7449 0949

**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):**

FCM106XYYYT4\*\*\*\*\*XYYY\*\*\*\*\*  
FCP106XYYYT4\*\*\*\*\*

X: N or H

YY: K55, K75, 1K1, 1K5, 2K2, 3K0, 3K7, 4K0, 5K5, 7K5

\* may be any number or letter indicating drive options which do not impact this DoC.

The meaning of the 39 characters (FCM106) and 25 characters (FCP106) in the type code string can be found in appendix 00729776.

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**

EN61800-5-1:2007 + A1:2017      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.

EN61000-3-2:2014      Electromagnetic compatibility (EMC). Part 3-2: Limits. Limits for harmonic current emissions (equipment input current ≤ 16 A per phase).

Date: 2021.12.01 Place of issue:  Graasten, DK	Issued by   <b>Signature:</b> <b>Name: Martin Skov Holm</b> <b>Title: Head of PM - EU</b>	Date: 2021.12.01 Place of issue:  Graasten, DK	Approved by   <b>Signature:</b> <b>Name: Michael Quitzau</b> <b>Title: Head of PM&amp;D, Denmark</b>
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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

EN61000-6-1:2007 Electromagnetic compatibility (EMC). Generic standards.  
Immunity for residential, commercial and light-industrial environments

EN61000-6-2:2005 Electromagnetic compatibility (EMC). Generic standards.  
Immunity for industrial environments

EN61000-6-4:2007+A1:2011 Electromagnetic compatibility (EMC). Generic standards.  
Emission standard for industrial environments

**RoHS Directive 2011/65/EU including amendment 2015/863.**

EN IEC63000:2018 Technical documentation for the assessment of electrical and  
electronic products with respect to the restriction of hazardous  
substances



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# UK DECLARATION OF CONFORMITY

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**Product category:** Frequency Converter

**Type designation(s):**

FCM106XYYYT4\*\*\*\*\*XYYY\*\*\*\*\*

FCP106XYYYT4\*\*\*\*\*

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YYY: K55, K75, 1K1, 1K5, 2K2, 3K0, 3K7, 4K0, 5K5, 7K5

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**Electrical Equipment (Safety) Regulations 2016**

BS EN61800-5-1:2007 + A1:2017      Adjustable speed electrical power drive systems – Part 5-1: Safety requirements – Electrical, thermal and energy.

**Electromagnetic Compatibility Regulations 2016**

BS EN61800-3:2005 + A1:2012      Adjustable speed electrical power drive systems – Part 3: EMC requirements and specific test methods.

BS EN61000-3-2:2014      Electromagnetic compatibility (EMC). Part 3-2: Limits. Limits for harmonic current emissions (equipment input current ≤ 16 A per phase

Date: 2021.12.01 Place of issue:	Issued by	Date: 2021.12.01 Place of issue:	Approved by
Graasten, DK	Signature:  Name: <b>Martin Skov Holm</b> Title: <b>Head of PM - EU</b>	Graasten, DK	Signature:  Name: <b>Michael Quitzau</b> Title: <b>Head of PM&amp;D, Denmark</b>

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BS EN61000-6-1:2007	Electromagnetic compatibility (EMC). Generic standards. Immunity for residential, commercial and light-industrial environments
BS EN61000-6-2:2005	Electromagnetic compatibility (EMC). Generic standards. Immunity for industrial environments
BS EN61000-6-4:2007+A1:2011	Electromagnetic compatibility (EMC). Generic standards. Emission standard for industrial environments

**The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 as amended**

BS EN IEC63000:2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.
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