



**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**

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, 3K7, 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), 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**

EN61800-3:2004 + 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 IEC63000:2018

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

Date: 2022.02.09 Place of issue:  Graasten, DK	Issued by  <b>Signature:</b>  <b>Name: Martin Skov Holm</b> <b>Title: Chief Product Architect</b>	Date: 2022.02.09 Place of issue:  Graasten, DK	Approved by  <b>Signature:</b>  <b>Name: Michael Quitzau</b> <b>Title: Head of PM&amp;D, Denmark</b>
---	--	---	---

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

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

EN61800-9-2:2017

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.

**Machinery Directive 2006/42/EC**

EN61800-5-2:2007

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

EN62061:2005 + A1:2013 + A2:2015

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

EN ISO 13849-1:2015

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

Notified body:

TÜV Rheinland Industrie Service GmbH (NB No.: 0035)

Am Grauen Stein

51105 Köln, Germany

**Other standards considered:**

EN61508 Parts 1-7:2010

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



**Danfoss A/S**

6430 Nordborg  
Denmark  
CVR nr.: 20 16 57 15

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

**UK DECLARATION OF CONFORMITY**

**Danfoss A/S**

**Danfoss Drives**

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, 3K7, 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), regulation(s), standard(s) or other normative document(s), provided that the product is used in accordance with our instructions.

**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 EN61800-3:2004 + A1:2012 Adjustable speed electrical power drive systems – Part 3: EMC requirements and specific test methods.

**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.

Date: 2022.02.09 Place of issue:	Issued by	Date: 2022.02.09 Place of issue:	Approved by
Graasten, DK	Signature: Name: <b>Martin Skov Holm</b> Title: <b>Chief Product Architect</b>	Graasten, DK	Signature: Name: <b>Michael Quitzau</b> Title: <b>Head of PM&amp;D, Denmark</b>

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

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

BS EN61800-9-2:2017

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.

**Supply of Machinery (Safety) Regulations 2008**

BS EN61800-5-2:2007

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

BS EN62061:2005 + A1:2013 + A2:2015

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

BS EN ISO 13849-1:2015

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

**Other standards considered**

BS EN61508 Parts 1-7:2010

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