



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): PLV102xxlxxx***xxx*****x****

Where:

Character 7-8: T4, P4, H4, L4, U4, T7, P7, H7, L7 or U7.

Character 10-12: 110, 132, 160, 200, 250, 315, 355, 400, 450, 500, 560, 630, 710 or 800.

Character 16-17: MX, M1, M2, M3, M4, MA or MB.

Character 18: X, D, S, C, 1 or 2.

Character 36: 2 or 4.

* may be any character indicating drive options which do not impact this DoC

Total Characters: 40

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

EN 61800-5-1:2007 + A1:2017

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

EMC Directive 2014/30/EU

EN 61800-3:2004+A1:2011



Adjustable speed electrical power drive systems – Part 3: EMC requirements and specific test methods.

Class C2 for N4 Version; Class C3 for N2 Version.

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: 2021.11.12 Place of issue: Graasten, DK	Issued by Signature:  Name: Martin Skov Holm Title: Head of PM - EU	Date: 2021.11.12 Place of issue: Graasten, DK	Approved by Signature:  Name: Michael Quitzau Title: Head of PM&D, 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 -

(Safe stop function conforms with STO - Part 5-2: Safety requirements - Functional

Safe torque off, SIL 2 Capability



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UK DECLARATION OF CONFORMITY

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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 EN61800-3:2004 + 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: 2021.11.12 Place of issue: Graasten, DK	Issued by Signature: Name: Martin Skov Holm Title: Head of PM - EU	Date: 2021.11.12 Place of issue: Graasten, DK	Approved by Signature: Name: Michael Quitzau Title: Head of PM&D, Denmark
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Supply of Machinery (Safety) Regulations 2008

BS EN61800-5:2:2007

Adjustable speed electrical power drive systems -

(Safe stop function conforms with STO – Part 5-2: Safety requirements - Functional

Safe torque off, SIL 2 Capability