

**Danfoss A/S**6430 Nordborg
Denmark
CVR nr.: 20 16 57 15Telephone: +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 Options

Type designation(s):

Safety Option:	Product Safety Function:
MCB150 (order no.: 130b3280)	STO, SS1, SLS
MCB151 (order no.: 130b3290)	STO, SS1, SLS
MCB152 (order no.: 130B9860)	STO (PROFIsafe)

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.

Machinery Directive 2006/42/EC

EN ISO 13849-1:2008 Safety of machinery – Safety related parts of control systems – Part 1: General principles for design.

EN 62061:2013 Safety of machinery – Functional safety of safety-related electrical, electronic and programmable electronic control systems


EN 61800-5-2:2008 Adjustable speed electrical power drive systems – Part 5-2: Safety requirement – Functional

EN 61508-1 to 7:2011 Functional safety of electrical/electronic/programmable electronic safety related systems – parts 1-7

EN 60204-1:2006 Safety of machinery - Electrical equipment of machines – Part 1: General requirement.

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: 2021.11.1 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



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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.

Supply of Machinery (Safety) Regulations 2008

BS EN ISO 13849-1:2008 Safety of machinery – Safety related parts of control systems – Part 1: General principles for design.

BS EN 62061:2013 Safety of machinery – Functional safety of safety-related electrical, electronic and programmable electronic control systems

BS EN 61800-5-2:2008 Adjustable speed electrical power drive systems – Part 5-2: Safety requirement – Functional

BS EN 61508-1 to 7:2011 Functional safety of electrical/electronic/programmable electronic safety related systems – parts 1-7

BS EN 60204-1:2006 Safety of machinery - Electrical equipment of machines – Part 1: General requirement.

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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