



**Danfoss A/S**

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**EU DECLARATION OF CONFORMITY**

**Danfoss A/S**

Danfoss Drives

declares under our sole responsibility that the **iC7 Series Air-cooled System Modules and Enclosed Drives**

**Product category:** Drive units

**Type designation(s):** iC7-60xAyy05-zzzzEwwFp+\*\*\*\*\*

Character x: S or E.

Character yy: 3A, 3H or IN.

Character zzzz: 0317, 0385, 0400, 0480, 0514, 0580, 0590, 0650, 0658, 0730, 0816, 0820, 0880, 0920, 1000, 1030, 1100, 1150, 1260, 1280, 1450, 1630, 1710, 1760, 1860, 1960, 2120, 2150, 2340, 2450, 2510, 2800, 3270, 3650, 4080, 4500, 4900

Character ww: 00, 21 or 54.

Character p: 3 or 4.

Character \*: Options

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

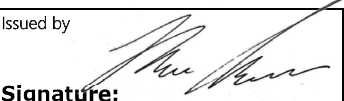

EN 62477-1:2012+A11:2014

Safety requirements for power electronic converter systems and equipment - Part 1: General

**EMC Directive [2014/30/EU]**

EN 61800-3:2004+A1:2012

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

Date: 2021.09.29 Place of issue: Vaasa	Issued by  <b>Signature:</b> <b>Name:</b> Hans Carlsson <b>Title:</b> Director, Regional Product Management - Finland	Date: 2021.09.29 Place of issue: Vaasa	Approved by  <b>Signature:</b> <b>Name:</b> Timo Kasi <b>Title:</b> Head of Product Management & Development - Finland
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**RoHS Directive [2011/65/EU including amendment 2015/863]**

EN IEC 63000:2018

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

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

EN 61800-9-2:2017

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.

**Other standards considered:**

EN 60204-1:2018

(Stop Category 0)

Safety of machinery - Electrical equipment of machines Part1: General requirements

EN 61439-1:2011

(Switchgear Section)

Low-voltage switchgear and controlgear assemblies - Part 1: General rules

EN 61439-2:2011

(Switchgear Section)

Low-voltage switchgear and controlgear assemblies - Part 2: Power switchgear and controlgear assemblies

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**Electrical Equipment (Safety) Regulations 2016**

BS EN 61800-5-1:2007+A1:2017 Adjustable speed electrical power drive systems – Part 5-1: Safety requirements – Electrical, thermal and energy

BS EN 62477-1:2012+A11:2014 Safety requirements for power electronic converter systems and equipment - Part 1: General

**Electromagnetic Compatibility Regulations 2016**

BS EN 61800-3:2004+A1:2012 Adjustable speed electrical power drive systems - Part 3: EMC requirements and specific test methods

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

BS EN IEC 63000:2018

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

**UK Statutory Instrument 2021 No 745: The Ecodesign for Energy-Related Products and Energy Information Regulations 2021, Chapter 6 & Schedules 16-18.**

BS EN 61800-9-2:2017

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.

**Other standards considered:**

BS EN 60204-1:2018

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(Switchgear Section)

Low-voltage switchgear and controlgear assemblies - Part 1: General rules

BS EN 61439-2:2011

(Switchgear Section)

Low-voltage switchgear and controlgear assemblies - Part 2: Power switchgear and controlgear assemblies

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