

Danfoss A/S

6430 Nordborg Denmark CVR nr.: 20165715

Telephone: +45 7488 2222 +45 7449 0949

EU DECLARATION OF CONFORMITY

Danfoss A/S

Danfoss Drives

declares under our sole responsibility that the iC7 Series Liquid-cooled System Modules

Product category: Drive units

Type designation(s): iC7-60SLxxyy-zzzzE00Fw+****

Character xx: 3A, 3H, BR, DC, GC, or IN.

Character yy: 07, A7 or B5.

Character zzzz: 170A, 206A, 208A, 236A, 245A, 261A, 300A, 302A, 325A, 334A, 360A, 365A, 380A, 385A, 416A, 420A, 425A, 465A, 475A, 480A, 510A, 525A, 530A, 570A, 590A, 595A, 650A, 670A, 720A, 730A, 760A, 820A, 840A, 850A, 945A, 960A, 1040, 1060, 1080, 1200, 1230, 1325, 1400, 1440, 1500, 1640, 1680, 1700, 1795, 1800, 1920, 2000, 2080, 2160, 2250, 2300, 2400, 2500, 2650, 2830, 2880, 2940, 3050, 3120, 3240, 3260, 3500, 3600, 3900, 4035, 4320, 4400, 4750, 4850, 5040, 5300, 5400, 5600, 5750, 6100, 6400.

Character w: 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 62477-1:2012+A12:2021

EN 61800-5-1:2007 Adjustable speed electrical power drive systems – Part 5-1: Safety

EN 61800-5-1:2007+A1:2017 requirements - Electrical, thermal and energy EN 61800-5-1:2007+A11:2021

EN 62477-1:2012 Safety requirements for power electronic converter systems and

EN 62477-1:2012+A11:2014 equipment - Part 1: General

EN 62477-1:2012+A1:2017

Revision No: A,5

Issued by Date: 2023.06.07 Approved by DocuSigned by: DocuSigned by: Place of issue: Vaasa Place of issue: Vaasa Jani Smeds Frank Hansen Signature: Signature: Name: Jani Smeds Name: Frank Hansen Title: Product Owner Title: Head of Marine

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EMC Directive [2014/30/EU]

EN 61800-3:2004 Adjustable speed electrical power drive systems - Part 3: EMC

EN 61800-3:2004+A1:2012 requirements and specific test methods

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.

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UK DECLARATION OF CONFORMITY

Danfoss A/S

Danfoss Drives

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Product category: Drive units

Type designation(s): iC7-60SLxxyy-zzzzE00Fw+*****

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Character yy: 07, A7 or B5.

Character zzzz: 170A, 206A, 208A, 236A, 245A, 261A, 300A, 302A, 325A, 334A, 360A, 365A, 380A, 385A, 416A, 420A, 425A, 465A, 475A, 480A, 510A, 525A, 530A, 570A, 590A, 595A, 650A, 670A, 720A, 730A, 760A, 820A, 840A, 850A, 945A, 960A, 1040, 1060, 1080, 1200, 1230, 1325, 1400, 1440, 1500, 1640, 1680, 1700, 1795, 1800, 1920, 2000, 2080, 2160, 2250, 2300, 2400, 2500, 2650, 2830, 2880, 2940, 3050, 3120, 3240, 3260, 3500, 3600, 3900, 4035, 4320, 4400, 4750, 4850, 5040, 5300, 5400, 5600, 5750, 6100, 6400.

Character w: 3 or 4.
Character *: Options

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Electrical Equipment (Safety) Regulations 2016

BS EN 61800-5-1:2007 Adjustable speed electrical power drive systems – Part 5-1: Safety

BS EN 61800-5-1:2007+A11:2021

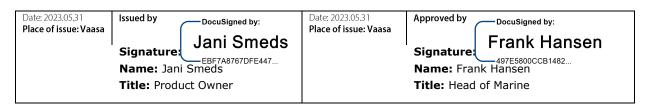
BS EN 62477-1:2012 Safety requirements for power electronic converter systems and

requirements - Electrical, thermal and energy

BS EN 62477-1:2012+A11:2014 equipment - Part 1: General

BS EN 62477-1:2012+A1:2017 BS EN 62477-1:2012+A12:2021

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



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Electromagnetic Compatibility Regulations 2016

BS EN 61800-3:2004 Adjustable speed electrical power drive systems - Part 3: EMC

BS EN 61800-3:2004+A1:2012 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 IEC 63000:2018 Technical documentation for the assessment of electrical and

electronic products with respect to the restriction of hazardous

substances

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

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.

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