Docusign Envelope ID: 0830C2F3-DB6F-8A24-8131-642A792261E6

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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): iC7-60xAyyvv-zzzzEwwFp+***

Character x: S or E.

Character yy: 3A, 3H, GC or IN.

Character vv: 05 or 07.

Character zzzz: 236A, 261A, 300A, 317A, 325A, 334A, 365A, 380A, 385A, 400A, 416A, 425A, 465A, 475A, 480A, 514A, 525A, 530A, 580A, 590A, 595A, 650A, 658A, 670A, 730A, 760A, 816A, 820A, 850A, 880A, 920A, 945A, 1000, 1030, 1060, 1100, 1180, 1190, 1210, 1260, 1300, 1325, 1410, 1450, 1500, 1590, 1630, 1710, 1760, 1770, 1780, 1860, 1950, 1960, 2120, 2150, 2340, 2360, 2380, 2450, 2510, 2600, 2640, 2650, 2800, 2880, 2950, 2970, 3060, 3180, 3250, 3270, 3280, 3350, 3420, 3540, 3600, 3650, 3710, 3800, 4000, 4060, 4080, 4130, 4240, 4320, 4400, 4500, 4720, 4870, 4900, 5300, 5700, 6100, 6500

Character ww: 00, 21 or 54.

Character p: 3 or 4.

Character *: Options

The product covered by this declaration is designed and manufacturedin compliance with the following directive(s), standard(s), and other normative document(s), provided it is installed and used as specified by the manufacturer.

Date: 07 August 2026 Place of issue: Vaasa, FI	Issued by DocuSigned by: Kaj Rolander **Signature:** 648EDA550CDB499... **Name:** Kaj Rolander **Title:** Product Owner	Date: 07 August 2026 Place of issue: Helsinki, FI	Approved by DocuSigned by: Jari Marjo **Signature:** A614AA2339E943D... **Name:** Jari Marjo **Title:** Vice President, Industrial Drives

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Low Voltage Directive (LVD) [2014/35/EU]

EN IEC 61800-5-1:2023	Adjustable speed electrical power drive systems – Part 5-1: Safety requirements – Electrical, thermal and energy
EN IEC 62477-1:2023	Safety requirements for power electronic converter systems and equipment – Part 1: General

Character ww: 21

EN IEC 61800-5-1:2023	Adjustable speed electrical power drive systems – Part 5-1: Safety requirements – Electrical, thermal and energy

Character ww: 54

EN 61800-5-1:2007 EN 61800-5-1:2007+A1:2017 EN 61800-5-1:2007+A11:2021	Adjustable speed electrical power drive systems – Part 5-1: Safety requirements – Electrical, thermal and energy

Electromagnetic Compatibility Directive (EMC) [2014/30/EU]

EN IEC 61800-3:2023	Adjustable speed electrical power drive systems - Part 3: EMC requirements and specific test methods

RoHS Directive (2011/65/EU) & RoHS Commission Delegated Directive (2015/863/EU)

EN IEC 63000:2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Ecodesign Directive [2009/125/EC] & Ecodesign Commission Regulation [2019/1781/EU]

Character x: E

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.

Character x: S

EN IEC 61800-9-2:2025	Adjustable speed electrical power drive systems (PDS) - Part 9-2: Ecodesign for motor systems - Energy efficiency determination and classification

Packaging and packaging waste Regulation (PPWR) [2025/40/EU]

The packaging complies with the requirements of Packaging and packaging waste Regulation (PPWR) (2025/40/EU), specifically Articles 5–12 covering:

- Chemical content restrictions
- Recyclability
- Recycled content
- Packaging minimization
- Labelling requirements

Machinery Directive (MD) [2006/42/EC] (Applicable for drives equipped with +BEF2)

EN 61800-5-2:2017 (STO, SS1-t up to SIL 3 capability)	Adjustable speed electrical power drive systems - Part 5-2: Safety requirements - Functional

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Other standards considered:

EN IEC 61439-1:2021 (Enclosure Section)	Low-voltage switchgear and controlgear assemblies - Part 1: General rules
EN IEC 61439-2:2021 (Enclosure Section)	Low-voltage switchgear and controlgear assemblies - Part 2: Power switchgear and controlgear assemblies

Drives equipped with +BEF2. The following apply:

EN 61508 Parts 1-3:2010 (up to SIL 3)	Functional safety of electrical/electronic/programmable electronic safety-related systems Part 1: General requirements Part 2: Requirements for electrical/electronic/programmable electronic safety-related systems Part 3: Software requirements

Drives equipped with +BEF2 or +ILSS. The following apply:

EN ISO 13849-1:2023 (Safe Stop Category 0 and Safe Stop) Category 1 according to EN IEC 60204-1 up to PL e)	Safety of machinery - Safety-related parts of control systems – Part 1: General principles for design

Drives equipped with +ILSS. The following apply:

EN IEC 62061:2021 (Safe Stop Category 0 and Safe Stop Category 1 according to EN IEC 60204-1 up to SIL 3)	Safety of machinery – Functional safety of safety-related control systems

Additional information

Harmonised standards, the references of which are published in the Official Journal of the European Union, have been applied:

EN 61800-5-1:2007/A1:2017/A11:2021	Adjustable speed electrical power drive systems – Part 5-1: Safety requirements – Electrical, thermal and energy
EN 62477-1:2012/A11:2014/A1:2017/ A12:2021	Safety requirements for power electronic converter systems and equipment - Part 1: General
EN 61800-5-2:2007	Adjustable speed electrical power drive systems - Part 5-2: Safety requirements - Functional

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