



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  
DPD/Electrification and system drives

declares under our sole responsibility that the

**Product category:** Loose filter units for iC7-60 System modules

**Type designation(s):**

LCL filters:  
OF7Z3-M-AF-05-514A-A1-E00  
OF7Z3-M-AF-05-816A-A1-E00  
OF7Z3-M-AF-05-514A-A1-C54  
OF7Z3-M-AF-05-816A-A1-C54  
OF7Z3-M-AF-05-820A-A1-C54

LC filters:  
OF7Z1-M-LC-07-380A-A1-E00  
OF7Z1-M-LC-07-760A-A1-E00

Grid side L filters:  
OF7Z5-M-LC-07-400A-A1-E00  
OF7Z5-M-LC-07-1000-A1-E00  
OF7Z5-M-LC-07-1640-A1-E00  
OF7Z5-M-LC-37-2300-A1-E00

dU/dt filters:  
OF7U1-M-AF-37-590A-TA-E00  
OF7U1-M-AF-05-880A-TA-E00  
OF7U1-M-LC-07-416A-A1-E00  
OF7U1-M-LC-07-820A-A1-E00

<div>Date: 2024.12.09</div> <div>Place of issue: Vaasa</div>	<div>Issued by</div> <div><div>Signed by:</div><div>Jarkko Salomäki</div><div>1AE06A88A233413...</div></div> <div>Signature:</div> <div>Name: Jarkko Salomäki</div> <div>Title: Product Owner</div>	<div>Date: 2024.12.09</div> <div>Place of issue: Helsinki</div>	<div>Approved by</div> <div><div>DocuSigned by:</div><div>Jari Marjo</div><div>A614AA2339E943D...</div></div> <div>Signature:</div> <div>Name: Jari Marjo</div> <div>Title: Head of System Products</div>
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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

dU/dt + CM filters:

OF7U2-M-LC-07-416A-A1-E00

CM filters:

OFXC1-M-AF-05-590A-A1-E00

OFXC1-M-AF-05-880A-A1-E00

OFXC1-M-AF-37-416A-A1-E00

OFXC1-M-AF-37-590A-A1-E00

Sine-wave filters:

OF7S1SM-M-LC-07-400A-A1-E00

OF7S1SM-M-LC-07-800A-A1-E00

DC-DC filters:

OF7D1-M-LC-12-570A-A1-E00

OF7D1-M-LC-12-1200-A1-E00

Covered by this declaration is in conformity with the following directive(s), standard(s) or other normative document(s), provided that the product is used in accordance with our instructions.

For all Type designations when accompanied with Danfoss iC7-60 adjustable speed power drive systems or power electronic converter systems the following applies:

**Low Voltage Directive [2014/35/EU]**

EN 61800-5-1:2007

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

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

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

EN 62477-1:2012

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

EN 62477-1:2012+A11:2014

EN 62477-1:2012+A1:2017

EN 62477-1:2012+A12:2021

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

EN 61800-3:2004

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

EN 61800-3:2004+A1:2012

**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

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OF7Z5-M-LC-07-1000-A1-E00  
OF7Z5-M-LC-07-1640-A1-E00  
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OF7U1-M-LC-07-416A-A1-E00  
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OF7D1-M-LC-12-570A-A1-E00

OF7D1-M-LC-12-1200-A1-E00

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.

For all Type designations when accompanied with Danfoss iC7-60 adjustable speed power drive systems or power electronic converter systems the following applies:

**Electrical Equipment (Safety) Regulations 2016**

BS EN 61800-5-1:2007

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

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

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

BS EN 62477-1:2012

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

BS EN 62477-1:2012+A11:2014

BS EN 62477-1:2012+A1:2017

BS EN 62477-1:2012+A12:2021

**Electromagnetic Compatibility Regulations 2016**

BS EN 61800-3:2004

Adjustable speed electrical power drive systems

BS EN 61800-3:2004+A1:2012

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 IEC 63000:2018

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

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