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## EU DECLARATION OF CONFORMITY

### Danfoss A/S Danfoss Drives

declares under our sole responsibility that the product(s)

**VLT® HVAC Drive FC 102,  
VLT® Refrigeration Drive FC 103  
VLT® AQUA Drive FC 202 and  
VLT® Automation Drive FC 301, FC302**

Including available Safe Torque Off (STO) function according to unit typecode on the nameplate:

<b>Product:</b>	<b>Typecode</b>
VLT® HVAC Drive FC 102	T or U at digit 18 of the typecode
VLT® Refrigeration Drive FC 103	T at digit 18 of the typecode
VLT® AQUA Drive FC 202	T or U at digit 18 of the typecode
VLT® Automation Drive FC 301 enclosure type A1T	T at digit 18 of the typecode
VLT® Automation Drive FC 302	X, B or R at digit 18 of the typecode

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.

**Machine Directive 2006/42/EC**

EN/IEC 61800-5-2:2007

(Safe Stop function conforms with STO –  
Safe Torque Off, SIL 2 Capability)

Adjustable speed electrical power drive  
systems – Part 5-2: Safety requirements –  
Functional

**Other standards considered:**

EN ISO 13849-1:2015

(Safe Stop function, PL d

(MTTFd=14000 years, DC=90%, Category 3)

Safety of machinery - Safety-related parts of  
control systems - Part 1: General principles for  
design

Date: 18/4-'16	Issued by Signature Name: Gregers Geilager Title: Head of Premium Drives	Date: 18/4-16	Approved by Signature Name: Michael Termansen Title: VP, Design Center DK and DE
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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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**Safe Torque Off Declaration of Conformity**

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EN/IEC 61508-1:2011, EN/IEC 61508-2:2011  
(Safe Stop function, SIL 2 (PFH = 1E-10/h, 1E-8/h for specific variants, PFD = 1E-10, 1E-4 for specific variants, SFF>99%, HFT=0))

EN/IEC 62061:2005 + A1:2013  
(Safe Stop function, SILCL 2)

EN/IEC 60204-1:2006 + A1:2009  
(Stop Category 0)

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  
Safety of machinery - Functional safety of  
safety-related electrical, electronic and  
programmable electronic control systems  
Safety of machinery - Electrical equipment of  
machines - Part 1: General requirements

Further information can be found in manufacturers declarations:

EU Declaration of conformity 00730213 A.1, 00730215 A.1 and 00730217 A.1 or newer /  
Manufacturers declaration 00596226 A.9 or newer.