



Danfoss A/S

DK-6430 Nordborg
Denmark
CVR nr.: 20 16 57 15

Telephone: +45 7488 2222
Fax: +45 7449 0949

EU DECLARATION OF CONFORMITY

Danfoss A/S

Vacon Ltd

declares under our sole responsibility that the

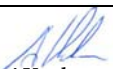
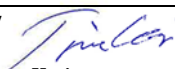
Product name Vacon OPTBJ option board to be used with Vacon 100 family products
Product identification 70CVB01380
Product Safety Functions Safe Torque Off (Specified in EN 61800-5-2)

fulfils all of the relevant safety component requirements of EC Machinery Directive 2006/42/EC.

Notified body that carried out the EC type examination:
TÜV Rheinland Industrie Service GmbH (NB0035)
Am Grauen Stein, 51105 Köln, Germany

The following standards and/or technical specifications referenced below were used:

- EN 61800-5-2:2007
Adjustable speed electrical power drive systems, Part 5-2: Safety requirements – Functional
- EN 61800-5-1:2007 (only for LV Directive compliance)
Adjustable speed electrical power drive systems, Part 5-2: Safety requirements - Electrical, thermal and energy
- EN 61800-3:2004/A1:2012 (only for EMC Directive compliance)
Adjustable speed electrical power drive systems, Part 3: EMC requirements and specific test methods
- EN ISO 13849-1:2008 + AC:2009
Safety of machinery - Safety-related parts of control systems –, Part 1: General principles for design
- EN 62061:2005 + AC:2010
Safety of machinery - Functional safety of safety-related electrical, electronic and programmable electronic control systems
- IEC 61508 Parts 1-7:2010
Functional safety of electrical/electronic/programmable electronic safety-related systems
- EN 60204-1:2006 + A1:2009 + AC:2010 (in extracts)
Safety of machinery – Electrical equipment of machines – Part 1: General requirements
- EN 61326-3-1:2008
Electrical equipment for measurement, control and laboratory use – EMC, Part 3-1: Immunity requirements for safety-related systems and for equipment intended to perform safety-related functions (functional safety).

Date 15-04-2016	Issued by Signature  Name: Antti Vuola Title: Head of Standard Drives	Date 15-04-2016	Approved by Signature  Name: Timo Kasi Title: VP, Design Center Finland and Italy
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