

**Danfoss A/S**DK-6430 Nordborg
Denmark
CVR nr.: 20 16 57 15Telephone: +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 OPT-AF option board to be used with Vacon NXP control board in NX family products

Product identification OPT-AF option board, VB00328H (or newer revision)
NXP control board, VB00761B (or newer revision)

Product Safety Functions Safe Torque Off, Safe Stop 1 (Specified in EN 61800-5-2:2007)



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

Notified body that carried out the EC type examination:

IFA – Institute for Occupational Safety and Health of the German Social Accident Insurance
Testing and Certification Body in BG-PRÜFZERT
Alte Heerstraße 111
D-53757 Sankt Augustin, Germany
European notified body, Identification number 0121 IFA Certificate No: IFA 1001221

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

- EN ISO 13849-1:2006
Safety of machinery – Safety-related parts of the control systems. Part 1: General principles for design
- EN ISO 13849-2:2006
Safety of machinery – Safety-related parts of the control systems. Part 2: Validation
- EN 60204-1:2006
Safety of machinery – Electrical equipment of machines – Part 1: General requirements
- EN 61800-5-2:2007
Adjustable speed electrical power drive systems – Part 5-2: Safety requirements – Functional
- IEC 61508:2000
Functional safety of electrical/electronic/programmable electronic safety-related systems – Parts 1-7
- EN 62061:2005
Safety of machinery – Functional safety of safety-related electrical, electronic and programmable electronic control systems

Date 15-04-2016	Issued by Signature  Name: Kimmo Syvänen Title: Director, Premium Drives	Date 15-04-2016	Approved by Signature  Name: Timo Kasi Title: VP, Design Center Finland and Italy
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