

**Danfoss A/S**6430 Nordborg
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Fax: +45 7449 0949**EU DECLARATION OF CONFORMITY****Danfoss A/S****Vacon**

Declares under our sole responsibility that the

Product category: Vacon OPT-AF option board to be used with Vacon NXP control board in NX family products.

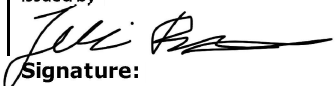

Type designation(s): OPT-AF option board, VB00328J (or newer revision)
NXP control board, VB00561J (or newer revision)

Product Safety Functions(s): Safe Torque Off (STO) and Safe Stop 1 (SS1) (Specified in EN 61800-5-2:2007) at SIL2 and Category 3 / PL d safety levels.

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.

- All of the relevant safety component requirements of EC Machinery Directive 2006/42/EC.
- EN ISO 13849-1:2015
Safety of machinery – Safety-related parts of the control systems. Part 1: General Principles for design
- EN ISO 13849-2:2012
Safety of machinery – Safety-related parts of the control systems. Part 2: Validation
- EN60204-1:2018
Safety of machinery – Electrical equipment of machines – Part 1: General requirements
- EN61800-5-2: 2007
Adjustable speed electrical power drive systems – Part 2_ safety requirements – Functional
- IEC61508:2010
Functional safety of electrical/electronic/programable electronic safety-related systems – Parts 1-7
- EN62061:2005/A1:2013, A2:2015
Safety of machinery – Functional safety of safety-related electrical, electronic and programmable electronic control systems

Notified body that carried out the EC Type examination: IFA – Institut für Arbeitsschutz der DGUV (IFA) Prüf- und Zertifizierungstelle im DGUV Test. Alte Heerstr. 111, 53757 Sankt Augustin, Germany.
European notified body, Identification number 0121 IFA. Certificate No: IFA 2001240. Person authorised to compile the relevant technical documentation: Vacon Ltd, Runsorintie 7, 65380 Vaasa, Finland.

Date: 2021.04.21 Place of issue: Vaasa	Issued by  Signature: Name: Jussi Rintamäki Title: Product Manager	Date: 2021.04.21 Place of issue: Vaasa	Approved by  Signature: Name: Timo Kasi Title: Head of PM&D Finland
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