

**Danfoss A/S**6430 Nordborg  
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CVR nr.: 20 16 57 15Telephone: +45 7488 2222  
Fax: +45 7449 0949**EC/EU DECLARATION OF CONFORMITY****Danfoss A/S****Vacon**

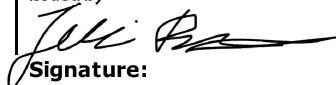

declares under our sole responsibility that the

<b>Product category:</b>	Vacon OPT-AF option board to be used with Vacon NXP control board in NX family
<b>Type designation(s):</b>	OPT-AF option board, VB00328J (or newer revision) NXP control board, VB00761J (or newer revision)
<b>Product Safety Functions</b>	Safe Torque Off, Safe Stop 1 (Specified in EN 61800-5-2:2007) at SIL3/PLe safety level

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/programmable 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 1901155. Person authorised to compile the relevant technical documentation: Vacon Ltd, Runsorintie 7, 65380 Vaasa, Finland.

Date: 2021.04.23 Place of issue: Vaasa	Issued by  <b>Signature:</b> <b>Name:</b> Jussi Rintamäki <b>Title:</b> Product Manager	Date: 2021.04.23 Place of issue: Vaasa	Approved by  <b>Signature:</b> <b>Name:</b> Timo Kasi <b>Title:</b> Head of PM&D Finland
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