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
  Adjustable speed electrical power drive systems, Part 3: EMC requirements and specific test methods
  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
  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).

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