

## **Factory testing of VLT<sup>®</sup> Frequency Converters**

The below test sequence is used for the factory testing of all VLT<sup>®</sup> Frequency Converters series 5000 (VLT<sup>®</sup> 5001-5062) and series 6000 (VLT<sup>®</sup> 6002-6072)

The test assures that the drives are in compliance with our specifications which can be documented.

The VLT<sup>®</sup> 5000 and VLT<sup>®</sup> 6000 series are designed to meet the requirements in the national and international standards listed in Certificate of Conformity (document-ID: 501G1026).

### **UNIT TEST**

#### **Combination of Function and Burn-in test**

Test	Description
	Insulation test at input/output terminals
Initial test	Power up Forward/Reverse 2 Phase short circuit Ground Fault
Burn-in test	Current limit test (5000 only) Brake test (5000 only) Mains drop out Over voltage protection Switching on output 100% load test
Final step	Factory setting

If further information is required, please do not hesitate to contact your Danfoss Drives Representative.



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