



Product Service

CERTIFICATE

No. Z10 13 01 82282 001

Holder of Certificate: **Danfoss Power Electronics A/S**

Ulsnæs 1
6300 Gråsten
DENMARK

Factory(ies):

82282, 83010

Certification Mark:



Product:

Safety components
AC Frequency Converter

Model(s):

VLT® AutomationDrive FC 302
VLT® AQUA Drive FC 202
VLT® HVAC Drive FC 102

Parameters:

Supply Voltage: 200-690 VAC
Power Output: 0,25 kW – 1,2 MW
(VLT® AutomationDrive FC 302)
0,25 kW – 1,4 MW
(VLT® AQUA Drive FC 202)
1,1 kW – 1,4 MW
(VLT® HVAC Drive FC 102)
Safety Parameters: SIL 2 (IEC 61508)
Cat 3, PL d (EN ISO 13849-1)
Safety Function: Safe Torque Off (STO)
according to EN 61800-5-2

The report DG84705C and the user documentation in the currently valid revision are mandatory part of this certificate

Tested
according to:

IEC 61508-1:2010 (SIL 2)
IEC 61508-2:2010 (SIL 2)
EN ISO 13849-1:2008 (Cat 3, PL d)
EN 62061:2005 (SILCL 2)
EN 61800-5-2:2007 (SIL 2)

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no.:

DG84705C

Date, 2013-01-15

(Jürgen Blum)

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