



Product Service

# CERTIFICATE

No. Z10 082282 0005 Rev. 01

**Holder of Certificate:** Danfoss Drives A/S  
Ulsnæs 1  
6300 Gråsten  
DENMARK

**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: 200-690VAC  
Power output: 0,25kW – 1,2MW  
(VLT® AutomationDrive FC 302)  
0,25kW – 1,4MW  
(VLT® AQUA Drive FC 202)  
1,1kW – 1,4MW  
(VLT® HVAC Drive FC 102)

Safety parameters: SIL 2 (IEC 61508, EN 61800-5-2)  
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 manuals in the currently valid revisions are mandatory parts of this certificate.

**Tested according to:** IEC 61508-1:2010  
IEC 61508-2:2010  
EN ISO 13849-1:2015  
EN 61800-5-2:2017

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. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** DG84705C  
**Valid until:** 2027-11-02  
**Date,** 2022-11-04

( Matthias Ramold )