

# EC Type-Examination Certificate



Functional  
Safety

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**Reg.-No.: 01/205/5489.01/16**

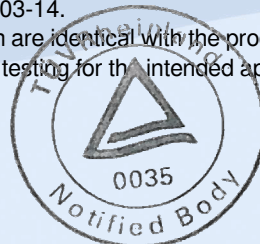
<b>Product tested</b>	Safety function "Safe Torque Off" (STO)	<b>Certificate holder</b>	Danfoss Power Electronics A/S Ulsnaes 1 6300 Graasten Denmark
<b>Type designation</b>	within K1, K2, K3, K4 and K5 series (0.37kW to 22kW) three-phase 400V VLT® Midi Drive FC 280		
<b>Codes and standards</b>	IEC 61800-5-2:2007 IEC 62061:2015	EN ISO 13849-1:2015 IEC 61508 Parts 1-7:2010	
<b>Intended application</b>	The safety function STO fulfils the requirements for SIL 2 acc. to IEC 61800-5-2 / IEC 61508, SIL CL 2 acc. to IEC 62061 as well as Cat. 3, PL d acc. to EN ISO 13849-1 and can be used in applications up to SIL 2 and PL d.		
<b>Specific requirements</b>	The instructions of the associated Installation and Operating Manual shall be considered.		

It is confirmed, that the product under test complies with the requirements for machines defined in Annex I of the EC Directive 2006/42/EC.

Valid until 2021-03-14

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1217.01/16 dated 2016-03-14.

This certificate is valid only for products which are identical with the product tested. It becomes invalid at any change of the codes and standards forming the basis of testing for the intended application.



Berlin, 2016-03-14

Notified Body for Machinery, NB 0035

Dipl.-Ing. Eberhard Frejno

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