

Certificate



Functional
Safety

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No.: 968/FSP 1217.03/20

Product tested	Safety function "Safe Torque Off" (STO) of Safety Card within drive controllers	Certificate holder	Danfoss Power Electronics A/S Ulsnaes 1 6300 Graasten Denmark
Type designation	Safety Card (STO Card) 132b6278 within K1, K2, K3, K4 and K5 series three-phase 400V, three-phase 200V and single-phase 200V VLT® Midi Drive FC 280 Details see actual "Revision List".		
Codes and standards	EN 61800-5-2:2017 EN 61800-3:2018 (in extracts) EN 61800-5-1:2007 + A1:2017 (in extracts)	EN ISO 13849-1:2015 IEC 62061:2005 + A1:2012 + A2:2015 IEC 61508 Parts 1-7:2010	
Intended application	The safety function STO (acc. to EN 61800-5-2) complies with the requirements of the relevant standards (Cat. 3 / PL e acc. to EN ISO 13849-1, SIL 3 / SILCL 3 acc. to EN 61800-5-2 / IEC 61508 / IEC 62061) and can be used in applications up to these safety levels.		
Specific requirements	The instructions of the associated Installation, Operating and Safety Manual (see Revision List) shall be considered.		

Valid until 2025-12-21

The issue of this certificate is based upon an evaluation in accordance with the Certification Program CERT FSP1 V1.0:2017 in its actual version, whose results are documented in Report No. 968/FSP 1217.03/20 dated 2020-12-18. This certificate is valid only for products, which are identical with the product tested.

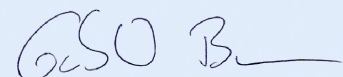
TÜV Rheinland Industrie Service GmbH

Bereich Automation
Funktionale Sicherheit

Am Grauen Stein, 51105 Köln

Köln, 2020-12-21

Certification Body Safety & Security for Automation & Grid


Dipl.-Ing. Gebhard Bouwer

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