

Certificate



Functional
Safety

www.tuv.com
ID 0600000000

No.: 968/FSP 1217.04/22

Product tested	Converter with Ethernet Safety Functions (STO and SS1-t)	Certificate holder	Danfoss Power Electronics A/S Ulsnaes 1 6300 Graasten Denmark
Type designation	VLT® Midi Drive FC 280 with type code of "SFS1*AL" (within enclosures of K1, K2, K3, K4 and K5 series 0.37 kW to 22 kW, three-phase 400 V, three-phase 200 V and single-phase 200 V) Details see latest "Revision List".		
Codes and standards	EN 61800-5-2:2017 EN 61800-5-1:2007+ A1:2017, 4.3, 5.2.6	EN ISO 13849-1:2015 IEC 61508 Parts 1-7:2010	
Intended application	The integrated safety functions "Safe Torque Off" (STO) and "Safe Stop 1, Time controlled" (SS1-t) comply with the requirements of the relevant standards (Cat. 3 / PL e acc. to EN ISO 13849-1, SIL 3 acc. to EN 61800-5-2 / IEC 61508) and can be used in applications up to these safety levels. The product can be used in the application area of EN IEC 62061 and IEC 60204-1, Stop Category 0 and 1.		
Specific requirements	The instructions of the associated Installation, Operating and Safety Manual shall be considered.		

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 1217.04/22 dated 2022-05-24. This certificate is valid only for products, which are identical with the product tested.

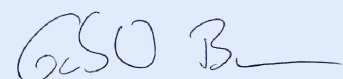
TÜV Rheinland Industrie Service GmbH

Bereich Automation
Funktionale Sicherheit

Am Grauen Stein, 51105 Köln

Köln, 2022-06-03

Certification Body Safety & Security for Automation & Grid


Dipl.-Ing. Gebhard Bouwer

www.fs-products.com
www.tuv.com

