EC Type-Examination Certificate





Functional Safety

www.tuv.com ID 0600000000

Reg.-No.: 01/205/5489.00/15

Product tested

Safety function "Safe Torque

Off" (STO)

Certificate holder

Danfoss Power Electronics A/S

Ulsnaes 1 6300 Graasten Denmark

Type designation

within K1, K2 and K3 series (0.37kW to 7.5kW) three-phase 400V VLT®

Midi Drive FC 280

Codes and standards

IEC 61800-5-2:2007 IEC 62061:2015

EN ISO 13849-1:2008 + AC:2009

IEC 61508 Parts 1-7:2010

Intended application

The safety function STO fullfils 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

Specific requirements

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 2020-12-07

The issue of this certificate is based upon an examination, whose results are documented in

Report No. 968/FSP 1217.00/15 dated 2015-12-07.

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, 2015-12-07

Otified B Notified Body for Machinery, NB 0035

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