

EC Type-Examination Certificate



Reg.-No.: 01/205/5215.02/21

Product tested	Safety function "Safe Torque Off (STO)" within Adjustable Frequency AC Drive	Certificate holder	Danfoss A/S Nordborgvej 81 6430 Nordborg Denmark
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Type designation	Vacon 20 AC Drive VACON0020-3L-a-b-c +d +e a = 0001-0008; (Frame Size 2), a = 0009-0016; (Frame Size 3), b = 4, 5; (Voltage Rating), c = CP, X; (Enclosure Option), +d, +e = Additional Codes
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Codes and standards	EN 61800-5-2:2007 EN 61800-5-2:2017 EN 61800-5-1:2007 + A1:2017	EN IEC 61800-3:2018 EN ISO 13849-1:2015 EN 61508 Parts 1-7:2010
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Intended application	The safety function "Safe Torque Off" complies with the requirements of the relevant standards (up to PL e / Cat. 4 acc. to EN ISO 13849-1, SIL 3 acc. to EN 61800-5-2 / EN 61508) and can be used in applications up to PL e and SIL 3, depending on the usage and applied fault detection on application level.
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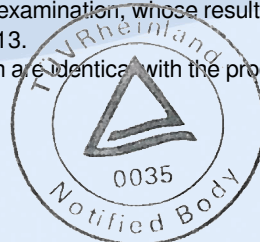
Specific requirements	The instructions of the associated Installation and Operating Manual shall be considered.
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It is confirmed that the product under test complies with the requirements for machines defined in Annex I of the EC Directive 2006/42/EC.

Valid until 2026-12-14

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/M 349.03/21 dated 2021-12-13.

This certificate is valid only for products which are identical with the product tested.



Köln, 2021-12-14

Notified Body for Machinery, NB 0035

Dipl.-Ing. Jelena Stenzel