

# EC Type-Examination Certificate



**Reg.-No.: 01/205/5219.03/20**

<b>Product tested</b>	Safety function "Safe Torque Off (STO)" within Adjustable Frequency AC Drive	<b>Certificate holder</b>	Danfoss S.R.L. Via Roma, 2 39014 Postal (BZ) Italy
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<b>Type designation</b>	Vacon 100 X AC Drive VACON0100-3L-a-b-c $\pm$ d $\pm$ e, a = 0003-0012; (Frame Size 4), a = 0016-0031; (Frame Size 5), a = 0038-0072; (Frame Size 6) b = 4, 5; (Voltage Rating), c = X; (Enclosure Option), $\pm$ d, $\pm$ e = Additional Codes
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<b>Codes and standards</b>	EN 61800-5-2:2017 EN 61800-5-1:2007 + A1:2017 EN 61800-3:2018 EN ISO 13849-1:2015	EN 62061:2005 + AC:2010 + A1:2013 + A2:2015 IEC 61508 Parts 1-7:2010 EN 60204-1:2018 (in extracts)
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<b>Intended application</b>	The STO function complies with the requirements of the relevant standards (Cat. 4 / PL e acc. to EN ISO 13849-1, SIL 3 / SILCL 3 acc. to EN 61800-5-2 / IEC 61508 / EN 62061) and can be used in applications up to PL e and SIL 3.
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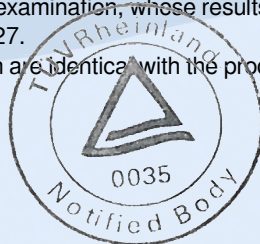
<b>Specific requirements</b>	The instructions of the associated Installation and Operating Manual shall be considered.
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It is confirmed, that the product tested complies with the requirements for machines defined in Annex I of the EC Directive 2006/42/EC.

Valid until 2025-04-27

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/M 351.03/20 dated 2020-04-27.

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



Köln, 2020-04-27

Notified Body for Machinery, NB 0035

Dipl.-Ing. Eberhard Frejno