

# EC Type-Examination Certificate



**Reg.-No.: 01/205/5219.02/18**

**Product tested** Safety function "Safe Torque Off (STO)" within Adjustable Frequency AC Drive

**Certificate holder** Danfoss S.R.L.  
Via Roma, 2  
39014 Postal (BZ)  
Italy

**Type designation** 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

**Codes and standards**

EN 61800-5-2:2017	IEC 62061:2015
EN 61800-5-1:2007	IEC 61508 Parts 1-7:2010
EN 61800-3:2004 + A1:2012	IEC 60204-1:2016 (in extracts)
EN ISO 13849-1:2015	

**Intended application** The STO function complies with the requirements of the relevant standards (Cat. 4 / PL e acc. to EN ISO 13849-1, SIL CL 3 acc. to EN 61800-5-2 / EN 62061 / IEC 61508) and can be used in applications up to PL e and SIL 3.

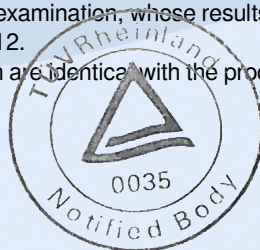
**Specific requirements** The instructions of the associated Installation and Operating Manual shall be considered.

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 2020-04-25

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/M 351.02/18 dated 2018-07-12.

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



Köln, 2018-07-12

Notified Body for Machinery, NB 0035

Dipl.-Ing. Eberhard Frejno