

EC Type-Examination Certificate



Functional
Safety

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ID 060000000

Reg.-No.: 01/205/5505.01/16

Product tested	Safety Function "Safe Torque Off" (STO) within AC Frequency Converter	Certificate holder	Bosch Rexroth (Xi'an) Electric Drives and Controls Co., Ltd. No. 3999, Shangji Road Caotan Ecology Industry Park, Economic and Technological Development Zone Xi'an, Shaanxi Province 710021 P.R. China
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Type designation	EFC5610-XK0-3P4-MDA-Y-NNNNN-L1NN, X= 30, 37, 45, 55, 75, 90 Y= NN, 7P
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Codes and standards	IEC 61800-5-2:2007 IEC 61800-5-1:2007 (in extracts) IEC 61800-3:2012 (in extracts)	IEC 62061:2015 ISO 13849-1:2015 IEC 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 (Cat. 4/ PL e acc. to ISO 13849-1, SIL CL 3 acc. to IEC 62061, SIL 3 acc. to IEC 61508/ IEC 61800-5-2) and can be used in applications up to PL e and SIL 3.
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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 2021-05-30

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1237.01/16 dated 2016-05-30.

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, 2016-05-30

Notified Body for Machinery, NB 0035

Dipl.-Ing. Eberhard Frejno

