

# EC Type-Examination Certificate



Functional  
Safety

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**Reg.-No.: 01/205/5505.03/20**

<b>Product tested</b>	Safety Function "Safe Torque Off" (STO) within EFC 5610 series AC Frequency Converter	<b>Certificate holder</b>	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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<b>Type designation</b>	EFC5610-x-y-z-w-****-L1** Details see actual "Revision List"
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<b>Codes and standards</b>	IEC 61800-5-2:2016 IEC 61800-5-1:2016 (in extracts) IEC 61800-3:2017 (in extracts)	IEC 62061:2015 ISO 13849-1:2015 IEC 61508 Parts 1-7:2010
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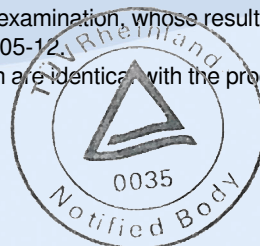
<b>Intended application</b>	The safety function STO (acc. to IEC 61800-5-2) complies with the requirements of the relevant standards (SIL 3 acc. to IEC 61800-5-2 / IEC 61508, SIL CL 3 acc. to IEC 62061, PL e / Cat. 4 acc. to ISO 13849-1) and can be used in applications up to these safety levels.
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<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 under test complies with the requirements for machines defined in Annex I of the EC Directive 2006/42/EC.

Valid until 2025-05-12

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1237.06/20 dated 2020-05-12.  
This certificate is valid only for products which are identical with the product tested.



Köln, 2020-05-12

Notified Body for Machinery, NB 0035

Dipl.-Ing. Eberhard Frejno

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