

EC/EU declaration of conformity - Original

Doc. No.: DCTC-30423-039

Date: 2020-04-15

- ☒ in accordance with Machinery Directive 2006/42/EC
- ☒ in accordance with Low Voltage Directive 2014/35/EU
- ☒ in accordance with EMC Directive 2014/30/EU
- ☐ in accordance with Pressure Equipment Directive 2014/68/EU
- ☐ in accordance with ATEX Directive 2014/34/EU
- ☒ in accordance with RoHS Directive 2011/65/EU

The manufacturer

Bosch Rexroth (Xi'an) Electric Drives and Controls Co., Ltd

No. 3999, Shangji Road, Economic and Technological Development Zone, 710021, Xi'an, Shaanxi, P.R. China

hereby declares that the product below

Name: Frequency Converter
Function: Power Conversion Equipment
Model: EFC 5610 Series
Type: EFC5610-x-3P2-MDA-**-*****-L1**
x=0K40, 0K75, 1K50, 2K20, 3K00, 4K00, 5K50, 7K50, 11K0

Trade name: Rexroth

From the date of manufacture: 2020-04-15

were developed, designed and manufactured in compliance with the above-mentioned directive(s).

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Harmonized Standards applied:

Standard	Name	Issue
EN 61800-3 (IEC 61800-3)	Adjustable speed electrical power drive systems – Part 3: EMC requirements and specific test methods	2004+A1:2012 (2004+A1:2012)
EN 61800-5-1 (IEC 61800-5-1)	Adjustable speed electrical power drive systems –Part 5-1: Safety requirements – Electrical, thermal and energy	2007+A1:2017 (2007+A1:2016)
EN 61800-5-2 (IEC 61800-5-2)	Adjustable speed electrical power drive systems –Part 5-2: Safety requirements – Functional	2007 (2007)
EN ISO 13849-1	Safety of machinery - Safety-related parts of control systems - Part 1: General principles for design	2015
EN 62061 (IEC 62061)	Safety of machinery -- Functional safety of safety-related electrical, electronic and programmable electronic control systems	2005+A2:2015 (2005+A2:2015)
EN 50581	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances	2012

Notified body that has conducted the EC/EU type-examination procedure in accordance with the above-mentioned directive / approved the full quality assurance system in accordance with the above-mentioned directive:

Name: TÜV Rheinland Industrie Service GmbH
Address: Alboinstr. 56, 12103 Berlin / Germany
Identification number: NB0035
No. of EC/EU type-examination certificate: 01/205/5505.02/16

The individual below is authorized to compile the relevant technical files:

Name: Jia Yiming
Address: No. 3999, Shangji Road, Economic and Technological Development Zone, 710021, Xi'an, Shaanxi, P.R. China
Further explanations:

The installation instructions have to be considered according to the manual.

Bosch Rexroth (Xi'an) , 2020-04-15 pp. Wang Jianyuan pp. Leonhardt Uwe
Place Date R&D director Plant manager

We reserve the right to make changes to the content of the EC/EU Declaration of Conformity. Current issue on request.