

UK Declaration of Conformity

Doc. No.: DCTC-30129-035

Date: 2022-09-07

- ☒ in accordance with Supply of Machinery (Safety) Regulation 2008, S.I. 2008/1597
- ☐ in accordance with Electrical Equipment (Safety) Regulation 2016, S.I. 2016/1101
- ☐ in accordance with Electromagnetic Compatibility Regulation 2016, S.I. 2016/1091
- ☐ in accordance with Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, S.I. 2016/1107
- ☐ in accordance with Ecodesign for Energy-Related Products and Energy Information (Amendment) (EU Exit) Regulations 2019, S.I. 2019/539
- ☐ in accordance with Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012, S.I. 2012/3032

Scope of RoHS Directive for products of the manufacturer:
DCTC-30806-006 "Declaration of compliance to the RoHS Directive 2011/65/EU & 2015/863/EU"

The manufacturer

Bosch Rexroth AG, Bgm.-Dr.-Nebel-Str. 2, 97816 Lohr a.Main / Germany

hereby declares that the product below

Name: Optional safety function modules S3 and SD „SafeMotion“ (SMO)
for the electric drive system „IndraDrive Mi“

Types: KSM02.1B-...-S3-... KSM02.1B-...-SD-... KCU02.2N-ET-ET*-025...
KMS02.1B-...-S3-... KMS02.1B-...-SD-... KMW03.1...

Trade name: Rexroth

from the date of manufacture: 2022-09-07

were developed, designed and manufactured in compliance with the above-mentioned statutory instrument(s).
This UK Declaration of Conformity is issued under the sole responsibility of the manufacturer.

Designated Standards or other technical standards and regulations applied:

Standard	Name	Issue
EN ISO 13849-1	Safety of machinery - Safety-related parts of control systems - Part 1: General principles for design	2015
EN 62061	Safety of machinery - Functional safety of safety-related electrical, electronic and programmable electronic control systems	2005/AC:2010/A1:2013/A2:2015
EN 61508-1 bis -7	Functional safety of electrical/electronic/programmable electronic safety-related systems	2010
EN 61800-5-2	Adjustable speed electrical power drive systems - Part 5-2: Safety requirements Functional	2007
EN 61800-5-1	Adjustable speed electrical power drive systems - Part 5-1: Safety requirements - Electrical, thermal and energy	2007

Notified body that has conducted the EC type-examination procedure in accordance with the above-mentioned directive
Name, address, identification number: TÜV Rheinland Industrie Service GmbH, Am Grauen Stein, 51105 Köln / Germany, 0035
No. of EC type-examination certificate: 01/205/5367.02/22

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

Name: Bosch Rexroth AG, Christian Russo (DC-AE/EPI3)
Address: Bgm.-Dr.-Nebel-Str. 2, 97816 Lohr a.Main / Germany

Further explanations:

The optional safety technology modules S3 and SD fulfil the requirements of SIL 3 according to EN 61800-5-2 / EN 61508,
SIL CL 3 according to EN 62061 and Category 4 / PL e according to EN ISO 13489-1.

<u>Lohr a.Main</u> ,	<u>2022-09-07</u>	<u>ppa.</u>	<u>p.p.</u>
Place	Date	Uwe Czych Plant Manager LoP2	Ralf Brod Product Owner Drives DC-AE/PJ-DPL

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