

EC declaration of conformity

Doc. No.: TC-30123-003

Date: 2013-11-18

- ☒ in accordance with Machinery Directive 2006/42/EC
☐ in accordance with Low Voltage Directive 2006/95/EC
☐ in accordance with EMC Directive 2004/108/EC
☐ in accordance with Pressure Equipment Directive 97/23/EC
☐ in accordance with ATEX Directive 94/9/EC

The manufacturer

Bosch Rexroth AG
 Bürgermeister-Dr.-Nebel-Straße 2
 97816 Lohr am Main / Germany

hereby declares that the products below

Name: Optional safety technology module S4 ["Safe Motion" (SMO)]
 for the electrical drive system "IndraDrive Cs"

Type: HCS01.1*-*****-B-**-S4-**-**
 HCS01.1*-*****-A-**-S4-**-**

Name: Safety zone module
 Type: HSZ01.1-D08-D04-NNNN

From the date of manufacture: 2013-11-18

were developed, designed and manufactured in compliance with the above-mentioned EU directive.

Harmonized Standards applied:

Standard	Title	Edition
EN ISO 13849-1 (ISO 13849-1)	Safety of machinery – Safety-related parts of control systems – Part 1: General principles for design	2008+AC:2009 (2006+AC:2009)
EN 62061 (IEC 62061)	Safety of machinery – Functional safety of safety-related electrical, electronic and programmable electronic control systems	2005 (2005)
EN 61800-5-2 (IEC 61800-5-2)	Adjustable speed electrical power drive systems – Part 5-2: Safety requirements - Functional	2007 (2007)
EN 60204-1 (IEC 60204-1)	Safety of machinery – Electrical equipment of machines – Part 1: General requirements	2006+A1:2009 (2005+A1:2008)

Notified body that has conducted the EC type-examination procedure in accordance with the above-mentioned directive:

Name: TÜV Rheinland Industrie Service GmbH
 Address: Alboinstr. 56, 12103 Berlin / Germany
 Identification number: 0035
 No. of EC type-examination certificate: 01/205/5359.00/13

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

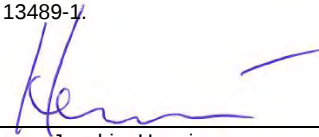
Name: Christian Russo, Department DC-IA/EDY4
 Address: Bürgermeister-Dr.-Nebel-Str. 2, 97816 Lohr am Main / Germany

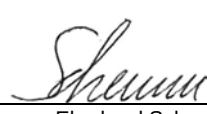
Further explanations:

The optional module S4 and the safety zone module have been implemented in accordance with SIL 3 according to EN 62061 / EN 61800-5-2 and Category 4 and PL e according to EN ISO 13489-1.

Lohr am Main ,
 Place

2013-11-18
 Date

ppa. 
 Joachim Hennig
 Plant Manager LoP2

i.V. 
 Eberhard Schemm
 Head of Development Drives Solutions