

EC Type-Examination Certificate



Functional
Safety

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Reg.-No.: 01/205/5359.03/16

Product tested	Optional Safety Modules "Sx" (SafeMotion V2) and Safety Zone Module HSZ01.1 for the inverter drive series "IndraDrive C/M V1"	Certificate holder	Bosch Rexroth AG Bgm.-Dr.-Nebel-Str. 2 97816 Lohr am Main Germany
Type designation	IndraDrive Controls V2 CSB02.1B for IndraDrive C/M V1 (CSB02.1B-**-**-Sx-**-**-**), IndraDrive Controls V2 CSH02.1B for IndraDrive C/M V1 (CSH02.1B-**-**-Sx-**-**-**), IndraDrive Controls V2 CDB02.1B for IndraDrive C/M V1 (CDB02.1B-**-**-Sx-Sx-**-**-**), Safety Zone Module HSZ01.1 (HSZ01.1-D08-D04-NNNN)		
Codes and standards	IEC 61800-5-2:2016 EN 61800-5-1:2007 (in extracts) EN 61800-3:2004 + A1:2012 IEC 62061:2015	EN ISO 13849-1:2015 EN 60204-1:2006 + A1:2009 (in extracts) IEC 61508 Parts 1-7:2010	

Intended application The Safety Modules provide various safety functions for drive applications and the Safety Zone Module HSZ01.1 allows combining several axes of a drive system into a Safety Zone. The Safety Modules and the Safety Zone Module HSZ01.1 comply with the requirements of the relevant standards (Cat. 4 / PL e acc. to EN ISO 13849-1, SIL 3 / SIL CL 3 acc. to IEC 61800-5-2 / IEC 62061 / IEC 61508) and can be used in application up to PL e and SIL 3.

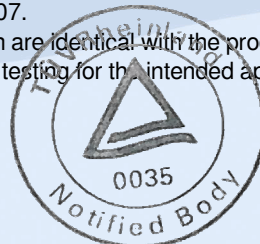
Specific requirements The associated Installation and Operating Manuals must be considered.

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 2021-09-07

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/M 408.10/16 dated 2016-09-07.

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, 2016-09-07

Notified Body for Machinery, NB 0035

Dipl.-Ing. Eberhard Frejno