

EC Type-Examination Certificate



Functional
Safety

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Reg.-No.: 01/205/5427.01/15

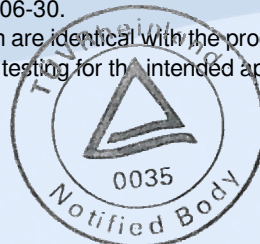
| | | | |
|------------------------------|---|---|--|
| Product tested | Optional safety module L3 (STO) for IndraDrive CL/ML series | Certificate holder | Bosch Rexroth AG Bgm.-Dr.-Nebel-Str. 2 97816 Lohr am Main Germany |
| Type designation | CSB02.5*...-L3-... ; CSH02.5*...-L3-... ; HMU05.1*...-Pxx ; HMU05.1*...-N1N ; HPC01.1-MN002 ; HPC01.1-P001 | | |
| Codes and standards | EN 61800-5-2:2007 EN 61800-5-1:2007 (in extracts) EN 61800-3:2004 + A1:2012 EN 62061:2005 + AC:2010 + A1:2013 | EN ISO 13849-1:2008 + AC:2009 EN 60204-1:2006 + A1:2009 + AC:2010 (in extracts) EN 61508 Parts 1-7:2010 | |
| Intended application | Safe Torque off (STO) function at IndraDrive drive controllers. The safety module L3 (STO) complies with the requirements of the relevant standards (Cat. 4 / PL e acc. to EN ISO 13849-1, SIL CL 3 acc. to EN 61800-5-2 / EN 62061 / IEC 61508) and can be used in applications up to PL e acc. to EN ISO 13849-1 and SIL 3 acc. to EN 62061 / IEC 61508. | | |
| 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 2020-06-30

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1073.03/15 dated 2015-06-30.

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, 2015-06-30

Certification Body for Machinery, NB 0035

Dipl.-Ing. Eberhard Frejno