



TÜVRheinland®

ZERTIFIKAT CERTIFICATE

EC Type-Examination Certificate

Reg.-No.: 01/205/5354.00/13

| | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------|
| Product tested | Safety Function STO within compact frequency converter family for drives b maXX 3000 | Certificate holder | Baumüller Nürnberg GmbH Ostendstraße 80-90 90482 Nürnberg Germany |
| Type designation | BM3301-ST20-00500-B-21110-S01-00#00, BM3311-ST20-00500-B-21110-S01-00#00, BM3301-ST20-00500-B-11110-S01-00#00, BM3311-ST20-00500-B-11110-S01-00#00 | Manufacturer | see certificate holder |
| Codes and standards forming the basis of testing | EN 61800-5-2:2007 EN 61800-3:2004 EN 61800-5-1:2007 EN ISO 13849-1:2008 + AC:2009 | | EN 62061:2005 + AC:2010 + A1:2013 EN 60204-1:2006 EN 61508 Parts 1-7:2010 |
| Intended application | Realization of the safety function "Safe Torque Off" (STO) within the frequency converters. The safety function 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). | | |
| Specific requirements | The instructions of the associated Installation and Operating Manual shall 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. | | | |
| This certificate is valid until 2018-10-22. | | | |

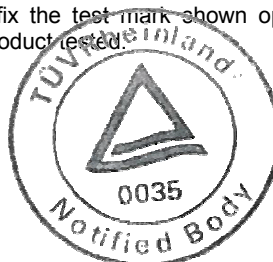


Functional Safety Type Approved

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The issue of this certificate is based upon an examination, whose results are documented in report-no.: 968/M 405.00/13 dated 2013-10-22.

The holder of a valid licence certificate for the product tested is authorized to affix the test mark shown opposite to products, which are identical with the product tested.



Berlin, 2013-10-22

Certification Body for Machinery, NB 0035

Dipl.-Ing. Eberhard Frejno