

EC Type-Examination Certificate



Functional
Safety
Type
Approved

www.tuv.com
ID 060000000

Reg.-No.: 01/205/5270.01/14

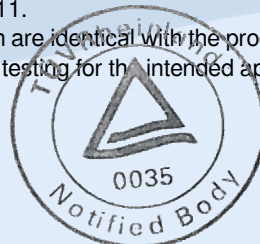
Product tested	Safety Function "Safe Torque Off" (STO) integrated within the variable speed motor drives	Certificate holder	Control Techniques Ltd. The Gro Newtown, Powys SY16 3BE United Kingdom
Type designation	Unidrive M series, Versions see current "Version Release List"		
Codes and standards	EN 61800-5-2:2007 EN 61800-5-1:2007 (in extracts) EN 61800-3:2004 + A1:2012 EN ISO 13849-1:2008 + AC:2009 EN 62061:2005 + AC:2010 + A1:2013	IEC 61508 Parts 1-7:2010 EN 60204-1:2006 + A1:2009 + AC:2010 (in extracts) EN 81-1:1998 + A3:2009 (in extracts) EN 81-2:1998 + A3:2009 (in extracts)	
Intended application	Prevention of unintended motor operation. The safety function "Safe Torque Off" complies with the requirements of the relevant standards (SIL 3 acc. to EN 61800-5-2 / EN 62061 / IEC 61508 and Cat. 4 / PL e acc. to EN ISO 13849-1) 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 and in lift applications acc. to EN 81-1/-2.		
Specific requirements	The instructions of the associated Installation and Operating Manual and the current Version Release List 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.

Valid until 2019-11-11

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/M 345.05/14 dated 2014-11-11.

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, 2014-11-11

Certification Body for Machinery, NB 0035

Dipl.-Ing. Eberhard Frejno