



TÜVRheinland®

ZERTIFIKAT  
CERTIFICATE

EC Type-Examination Certificate

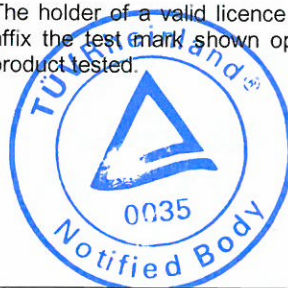
Reg.-No.: 01/205/5270/12

<b>Product tested</b>	Safety Function "Safe Torque Off" (STO) integrated within the adjustable Frequency AC Drives	<b>Certificate holder</b>	Control Techniques Ltd. The Gro, Newtown Powys SY16 3BE United Kingdom
<b>Type designation</b>	Unidrive M series, Versions see current "Version Release List"	<b>Manufacturer</b>	see certificate holder
<b>Codes and standards forming the basis of testing</b>	EN 61800-5-2:2007 EN 61800-5-1:2007 (in extracts) EN 61800-3:2004 EN ISO 13849-1:2008 + AC:2009 EN 62061:2005		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) IEC 61508 Parts 1-7:2010
<b>Intended application</b>	The safety function "Safe Torque Off" 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 Cat. 4 / 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.		
<b>Specific requirements</b>	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.			
This certificate is valid until 2017-11-20.			



The test report-no.: 968/M 345.02/12 dated 2012-11-20 is an integral part of this certificate.

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.



*E. Frejno*  
Dipl.-Ing. Eberhard Frejno

Berlin, 2012-11-20

Certification Body for Machinery, NB 0035

Description of the type nomenclature of the Unidrive M series

		Nomenclature Unidrive M series												
Example:		M700	-	03	2	00050	A10	1	##	####				
		I		II	III	IV	V	VI	VII	VIII				
I	Basic series	M600 M700 M701 M702		no encoder option Ethernet option, lead product RS-485 option Ethernet option, 2xSTO										
II	Frame size	03			04					06				
III	Voltage rating	2: 200 V		4: 400 V		2: 200 V		4: 400 V		2: 200 V		4: 400 V		5: 575 V
IV	Current rating / Model type (amps x 10)	00050 / (GT032X02) 00066 / (GT032X04) 00080 / (GT032X06) 00106 / (GT032X08)		00025 / (GT034X02) 00031 / (GT034X04) 00045 / (GT034X06) 00062 / (GT034X08) 00078 / (GT034X10) 00100 / (GT034X12)		00137 / (GT052X02) 00185 / (GT052X04)		00150 / (GT054X02) 00172 / (GT054X04)		00330 / (GT072X02) 00440 / (GT072X04)		00350 / (GT074X02) 00420 / (GT074X04) 00470 / (GT074X06)		00100 / (GT075X02) 00150 / (GT075X04) 00190 / (GT075X06) 00230 / (GT075X08) 00290 / (GT075X10) 00350 / (GT075X12)
V	Drive Format	A: AC in, AC out; Non-Modular 1: Reserved 0: Reserved												
VI	Documentation	0: Documentation delivered separately. This option will be used by OEM customers. 1 to 9: English original or a translation or a combination.												
VII	Customer code	May be followed by up to two numbers which indicate the customer (STO will not be influenced).												
VIII	Custom variation	May be followed by up to five numbers and/or letters which indicate optional features (STO will not be influenced).												



Product tested

Version Release List V1.0 - Annex to certificate  
Control Techniques Ltd. • EC Type-Examination Certificate  
Reg.-No.: 01/205/5270/12



	Released by Manufacturer:	Released by Test Institute:	Released by Certifier:
Signature:	 Colin Hargis N.N.	 Dipl.-Ing. Björn Gröger	 Dipl.-Ing. Stephan Häb
Date:	<del>2012-11-20</del> 2012-12-13	2012-11-20	2012-11-20