



TÜV Rheinland Group

TÜV Rheinland Industrie Service GmbH
Automation, Software und Informationstechnologie

ZERTIFIKAT CERTIFICATE

Nr./No. 968/EZ 205.02/06

Prüfgegenstand/ Product tested	Safety function "Safe standstill" within the Adjustable Frequency AC Drive	Zertifikatsinhaber/ License holder	Rockwell Automation 6400 West Enterprise Drive USA-Mequon, Wisconsin 53092 United States of America
		Hersteller/ Manufacturer	Rockwell Automation 1021 W 1st Street USA-Sumner, Iowa 50674 United States of America
Typbezeichnung/ Type designation	Verwendungszweck/ Intended application		Safety relevant applications with the Safety Function "Safe standstill" according to EN 954-1 category 3 and according to IEC 61508 up to Safety Integrity Level 3
Kinetix 6000 Safe Off AC Servo Drive Integrated Axis Modules Converter and Inverter Combined and Axis Modules Inverter Only 460 V Family Model numbers 2094-BC01-MP5-S, 2094-BC01-M01-S, 2094-BC02-M02-S, 2094-BC07-M05-S, 2094-BC04-M03-S, 2094-BMP5-S, 2094-BM01-S, 2094-BM02-S, 2094-BM03-S, 2094-BM05-S 230 V Family 2094-AC05-MP5-S, 2094-AC05-M01-S, 2094-AC09-M02-S, 2094-AC16-M03-S, 2094-AC32-M05-S, 2094-AMP5-S, 2094-AM01-S, 2094-AM02-S, 2094-AM03-S, 2094-AM05-S			
Prüfgrundlagen/ Codes and standards forming the basis of testing	EN 954-1:1996 EN ISO 13849-2:2003 EN 60204-1:1997	EN 50178: 1997 EN 61800-3:2004 IEC 61508:Part 1 - 7:2000	
Prüfungsergebnis/ Test results	The safety function "Safe standstill" fulfils the requirements for category 3 according EN 954-1 and Safety Integrity Level 3 according to IEC 61508.		
Besondere Bedingungen/ Specific requirements	The possibility of the small movement of the motor resulting from simultaneous IGBT failures must be taken into account during the hazard analysis of the system. Fault exclusion for the external wiring has to be made according to DIN EN ISO 13849-2. The Safety Reference Manual "Kinetix Motion Control Safe Off Feature" has to be considered.		



Der Prüfbericht-Nr.: 968/EZ 205.02/06 vom 2006-08-21 ist Bestandteil dieses Zertifikates.

Der Inhaber eines für den Prüfgegenstand gültigen Genehmigungs-Ausweises ist berechtigt, die mit dem Prüfgegenstand übereinstimmenden Erzeugnisse mit dem abgebildeten Prüfzeichen zu versehen.

The test report-no.: 968/EZ 205.02/06 dated 2006-08-21 is an integral part of this certificate.

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

TÜV Rheinland Industrie Service GmbH
Geschäftsfeld ASI
Automation, Software und Informationstechnologie
Am Grauen Stein, 51105 Köln
Postfach 91 09 51, 51101 Köln

2006-08-21

Datum/Date

Firmenstempel/Company seal

Unterschrift/Signature