



TÜVRheinland®

ZERTIFIKAT CERTIFICATE

Nr./No.: 968/EZ 436.00/10

Prüfgegenstand Product tested	Safety Related Programmable Electronic System	Zertifikatsinhaber Licence holder	Hitachi, Ltd. Information and Control Systems Co. 5-2-1 Omika-cho, Hitachi-shi Ibaraki-ken 319-1293 Japan
Typbezeichnung Type designation	R800FS/HSC800FS Functional Safety Controller: CPU Module LJC030 DI-S Module LJD600 DO-S Module LJD500 AI-S Module LJA600 AO-S Module LJA500 See Revision Release List	Hersteller Manufacturer	same as licence holder
Prüfgrundlagen Codes and standards forming the basis of testing	IEC 61508, Part 1-7:1998-2000 EN ISO 13849-1:2008 IEC 61131-2:2007 IEC 62061:2005 Annex D, E		
Bestimmungsgemäße Verwendung Intended application	The system is suitable for safety related applications up to SIL 2 according IEC 61508 and up to PL c, Cat. 3 according to EN ISO 13849-1 considering the results of the test report-no.: 968/EZ 436.00/10 dated 2010-03-24. For the use of AI-S module for PL c, Cat. 3 a redundant configuration of two inputs must be used.		
Besondere Bedingungen Specific requirements	For the use of the systems the test report mentioned above, the Safety Manual, the user manuals and the official module list of hardware modules and software components released by HITACHI Ltd. and TÜV Rheinland have to be considered.		
This certificate is valid until 2015-03-24.			



Der Prüfbericht-Nr.: 968/EZ 436.00/10 vom 24.03.2010 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 436.00/10 dated 2010-03-24 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.

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

2010-03-24

Zertifizierungsstelle bei der TÜV Rheinland
Industrie Service GmbH

Dipl.-Ing. Heinz Gall