

ZERTIFIKAT CERTIFICATE

Nr./No. 968/EZ 101.01/02

Prüfgegenstand/Product tested		Hersteller/Manufacturer	
Triple Modular Redundant (TMR), Fault Tolerant, Safety and Critical Control System		TRICONEX Invensys Systems, Inc. 15345 Barranca Parkway USA-Irvine, California 92618 United States of America	
Architecture 2-out-of-3 with diagnostics (2oo3D) 3-2-1-0 or 3-2-0 configurable mode of operation			
Typbezeichnung/Type designation		Verwendungszweck/Intended application	
Trident Version 1.2		Safety and high reliability related applications such as: A) Emergency Shutdown (ESD) B) Burner Management (BMS)	
Prüfgrundlagen Codes and standards forming the basis of testing	DIN V 19250/05.94 DIN V VDE 0801/01.90 + A1 10/94 DIN EN 50178/04.98 DIN VDE 0116/10.89 IEC 61508 (1 - 7)/2000 IEC 61131-2/2000 IEC 61000-4-2, 3, 4, 5	IEC 60068-2-1, 2, 6, 14, 27, 30 EN 55011/91 (CISPR 11) NFPA 8501/97 (BMS) NFPA 8502/99 (BMS)	
Prüfungsergebnis Test results	Suitable for safety related applications according to: - AK1 - AK6 (DIN V 19250, DIN V VDE 0801) - SIL 1 - 3 (IEC 61508)		
Besondere Bedingungen Specific requirements	The safety guidelines contained in the Trident System user's manual "Safety Considerations Guide", version 1.2 (Document No. 9720074-003), must be considered. For safety related applications modules from the list of approved modules ("Trident Version 1.2 Approved Components List") must be used.		



Der Prüfbericht Nr. 968/EZ 101.01/02 vom 2002-03-12 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 101.01/02 dated 2002-03-12 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.

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2002-03-12

Datum/Date

Firmenstempel/Company seal

Unterschrift/Signature