

**ZERTIFIKAT
CERTIFICATE**

Nr./No. 968/EZ 132.00/02

Prüfgegenstand Product tested	Safety Related Programmable Electronic System CPU Structure 1oo1D I/O Modules 1oo2 D	Hersteller Manufacturer	ABB STOTZ-KONTAKT GmbH Eppelheimer Straße 82 69123 Heidelberg
Typbezeichnung Type designation	Advant Controller 31-S	Verwendungszweck Intended application	Safety Related Programmable Electronic System for process control, emergency shut down and machinery, where the safe state is the de-energized state
Prüfgrundlagen Codes and standards forming the basis of testing	VDE V 0801:1990 and Amendment A1:1994 (up to RC 4) EN 954-1:1996 (up to Cat 3) DIN V 19250:1994 DIN VDE 0116:1989 DIN VDE 0832:1990 EN 298:1994 NFPA 8501:1997 NFPA 8502:1999 EN 61131-2:1994		
Prüfungsergebnis Test results	The system is suitable for safety related applications up to RC 4 (DIN V 19250) and CAT 3 (EN 954-1) considering the results of the test report no. 968/EZ 132.00 dated 2002-08-05.		
Besondere Bedingungen Specific requirements	For the use of the systems the test report mentioned above, the Safety Manual, the User Manual and the actual revision of the official list of product documentation, hardware modules and software components released by ABB STOTZ-KONTAKT GmbH and TÜV Rheinland has to be considered.		



Der Prüfbericht Nr. 968/EZ 132.00/02 vom 2002-08-05 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 132.00/02 dated 2002-08-05 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 Anlagentechnik GmbH
Geschäftsfeld ASI**

Automation, Software und Informationstechnologie
Am Grauen Stein, 51105 Köln
Postfach 91 09 51, 51101 Köln

2002-08-05

Datum/Date

Firmenstempel/Company seal



Unterschrift/Signature