

# ZERTIFIKAT

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# CERTIFICATE

**Nr./No. 968/EZ 341.00/09**

<b>Prüfgegenstand/ Product tested</b>	Safe Speed Monitor Option - S1 within the Adjustable Frequency Drive	<b>Zertifikatsinhaber/ License holder Hersteller / Manufacture</b>	Rockwell Automation 6400 West Enterprise Drive Mequon, WI 53092 United States of America
<b>Typbezeichnung/ Type designation</b>	Allen-Bradley PowerFlex® 753 and PowerFlex® 755400-480V, Frame 2-7	<b>Verwendungszweck/ Intended application</b>	Safety relevant applications for drive systems where Monitoring and Safety Functions according to EN 61800-5-2 are required
<b>Prüfgrundlagen/ Codes and standards forming the basis of testing</b>	EN ISO 13849-1:2008 EN ISO 13849-2:2003 EN 60204-1:2006 EN 61800-5-1:2007 EN 62061:2005 EN 61800-5-2:2007 EN 61508 Part 1-7:2000 EN 61800-3:2004		
<b>Prüfungsergebnis/ Test results</b>	The Safe Speed Monitor Option - S1 can be used in applications up to SIL 3 according IEC 61508/EN 62061/61800-5-2 as well as up to category 4 and PL e according to EN ISO 13849-1 depending on the configuration and parameterization.		
<b>Besondere Bedingungen/ Specific requirements</b>	<p>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.</p> <p>The external wiring has to be performed in such a way, that the failure mode "Short-circuit between wires" can be excluded (see EN ISO 13849-2).</p> <p>The document "Safe Speed Monitor Option Module for PowerFlex® 750 Series AC Drives" has to be considered.</p>		



Der Prüfbericht-Nr.: 968/EZ 341.00/09 vom 20.01.2009 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 341.00/09 dated 2009-01-20 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.

**TÜV Rheinland Industrie Service GmbH**  
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2009-01-20

Datum/Date

Firmenstempel/Company stamp

Dipl.-Ing. Stephan Häb