

# REPORT OF PERFORMANCE

07-1204

<b>OBJECT</b>	Ethernet switch
<b>TYPE</b>	RuggedSwitch RSG2100
<b>MANUFACTURER</b>	RuggedCom Inc. 30 Whitmore Road Woodbridge, Ontario, Canada L4L 1Z4
<b>CLIENT</b>	RuggedCom Inc. 30 Whitmore Road Woodbridge, Ontario, Canada L4L 1Z4
<b>TESTED BY</b>	KEMA HIGH-VOLTAGE LABORATORY Arnhem, The Netherlands
<b>DATE(S) OF TESTS</b>	2 October 2006 up to and including 25 January 2007
<b>REQUIREMENTS</b>	IEC 61850-3 (2002-01) for EMC immunity, climatic and mechanical conditions IEEE 1613 (2003) for EMC and climatic conditions IEC 61000-6-2 (1999-01) for EMC immunity in industrial environments IEC 61000-6-4 (2006-07) for EMC emission in industrial environments IEC/TS 61000-6-5 (2001-07) for EMC immunity in substation environments
<b>TEST PROGRAMME</b>	See appendix 1
<b>SUMMARY AND CONCLUSION</b>	The RuggedSwitch RSG2100 device tested complies with IEC 61850, IEEE 1613 class 1 for twisted pair (TP) connections and class 2 if only fiber optic connections are used and IEC/TS 61000-6-5 for EMC immunity, climatic and mechanical conditions for use in substation environments. The RSG2100 device tested also complies with IEC 61000-6-2 and IEC 61000-6-4 for EMC immunity and emission for use in industrial environments. (See page 4 and 5 of the report for a more detailed summary and conclusions).

This Report of Performance applies only to the object tested. The responsibility for conformity of any object having the same designations with that tested rests with the Manufacturer.

This report consists of 45 sheets in total.

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KEMA Nederland B.V.



P.G.A. Bus  
KEMA T&D Testing Services  
Managing Director

Arnhem, 4 April 2007