

**TYPE TEST CERTIFICATE OF SHORT-CIRCUIT PERFORMANCE**

**APPARATUS** A three-pole outdoor-type SF<sub>6</sub>-insulated circuit-breaker, incorporating one interrupter per pole. Single-phase enclosure, common operated

**DESIGNATION** LW36-72.5 **SERIAL No.** DD120053

Rated voltage	72,5 kV	Rated normal current	3150 A
Rated short-circuit current	40 kA	Rated frequency	50 Hz

**MANUFACTURER** Jiangsu Rugao High Voltage Electric Apparatus CO., Ltd., Rugao, Jiangsu CN, China

**TESTED FOR** Jiangsu Rugao High Voltage Electric Apparatus CO., Ltd., Rugao, Jiangsu CN, China

**TESTED BY** KEMA HIGH-POWER LABORATORY  
Utrechtseweg 310 - 6812 AR Arnhem - The Netherlands

**DATE(S) OF TESTS** 5 June to 13 July 2012

The apparatus, constructed in accordance with the description, drawings and photographs incorporated in this Certificate, has been subjected to the series of proving tests in accordance with

**IEC 62271-100** (2008) subclauses 6.6 (STC), 6.102 to 6.106 (T10, T30, T60, T100), 6.108 (DEF), 6.109 (SLF) and 6.110 (Out-of-phase).


This Type Test Certificate has been issued by KEMA following exclusively the STL Guides.

**The results are shown in the record of Proving Tests and the oscillograms attached hereto. The values obtained and the general performance are considered to comply with the above Standard and to justify the ratings assigned by the manufacturer as listed on page 6.**

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

This Certificate consists of 344 sheets in total.

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KEMA Nederland B.V.  
  
S.A.M. Verhoeven  
Director Testing, Inspections & Certification The Netherlands

Arnhem, 5 April 2013