

**Test Certificate of** General performance characteristics  
Rated service short-circuit breaking capacity

**Apparatus** D.C. circuit breaker

**Designation** UR36-81 I

Rated operational voltage ( $U_c$ ) 900 V ; Rated insulation voltage ( $U_i$ ) 2000 V ;  
Conventional free-air thermal current ( $I_{th}$ ,  $I_{the}$ ) 3600 A

**Manufacturer** SECHERON S.A.

**Tested for** SECHERON S.A. – GENEVE (Switzerland)

**Date(s) of tests** from January 13, 2005 to June 16, 2006

**Tested by** CESI S.p.A. – Milano – ITALY

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

**IEC 60947-2 (2003-04)**

Sub-clauses 8.3.3.1, 8.3.3.2, 8.3.3.3, 8.3.3.5, 8.3.3.6, 8.3.3.7, 8.3.4.1, 8.3.4.2, 8.3.4.3, 8.3.4.4, 8.3.4.5

This Test Certificate has been issued by CESI in accordance with above mentioned Standards.

The results are shown in the record of Proving Tests and the oscillograms attached in the Test Reports. The values obtained and the general performance are considered to comply with the above Standards and to justify the ratings assigned by the Manufacturer as listed on page No.2 .

The 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.

Only integral reproduction of this Certificate, or reproductions of this page accompanied by any pages on which are stated the endorsed ratings of the apparatus tested, are permitted without written permission from CESI.

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