

**Test Certificate of** General performance characteristics  
Rated short-circuit making and breaking capacities  
Critical currents

**Tested samples/items** High-speed DC bi-directional air circuit breaker

**Designation** UR10-32TDS

Rated operational voltage (Ue) 1800 V ; Rated insulation voltage (Ui) 2300 V; Conventional free air thermal current 1000 A ;

**Manufacturer** SECHERON S.A.

**Client** SECHERON S.A. Rue du Pré-Bouvier 25 – Zimeysa  
CH-1217 MEYRIN - GENEVA - SWITZERLAND

**Tests date** **from** May 31, 2011 **to** August 30, 2011

**Tested by** CESI S.p.A. - Milan – 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 60077-3 (2001-12)**  
Clauses: 9.3.3, 9.3.4, 9.3.6

**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.

This Test 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 Test 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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**No. of pages annexed**

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**Issue date**

October 24, 2011

**Prepared**

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B1032774 2965 AUT

**Verified**

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B1032774 1800809 VER

B1032774 3019 VER

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**CESI** S.p.A.  
Testing & Certification Division  
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*Lorenzo Arcidiaco*