**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 UR10-31TDS** 

Rated operational voltage (Ue) 900 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 gust 30, 2011

**Tested by** CESI S.p.A. - Milan - ITALY

The apparatus, constructed in accordance with the description, drawings and photographic drawings and photographic drawings and photographic drawings are provided in accordance with the description, drawings and photographic drawings are provided in accordance with the description drawings and photographic drawings are provided in accordance with the description drawings and photographic drawings are provided in accordance with the description drawings and photographic drawings are provided in accordance with the description drawing are provided in the provided drawing and the provided drawing are provided drawing and are provided drawing are provided drawing and are provided drawing are provided drawing an aphs incorporate the reference documents, identified in this certificate, has been subjected to the series of proving tests in accordance w

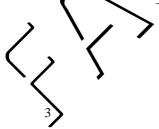
> IEC 60077-3 (2001 Clauses? 9.3.3

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 applratus 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 Certificat 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.



No. of pages

Issue date

**Prepared** PPR - Arneodo Giorgio

Verified PPR - Vidori Mauro, TPI - Pizzi Franco

October 24, 2011

**Approved** - Arcidiaco Lorenzo PMI - The Manager

**Testing & Certification Division** Testing Operations Area "Milan Platform"

No. of pages annexed

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