

TYPE TEST CERTIFICATE

APPROVED

B3009206

Type Test Certificate of Short-circuit performance and switching performance

Apparatus 245 kV SF6 gas-insulated dead-tank circuit-breaker with single operating mechanism

Designation 3AP1DT - 245kV - 3000A - 63kA - 60Hz

Rated voltage 245 kV ; Rated normal current 3000 A ; Rated frequency 60 Hz

Manufacturer SIEMENS AG, E T HP CB, - Berlin - Germany

Client SIEMENS AG, E T HP CB PLM R&D B EP, Berlin - Germany

Tested by CESI S.p.A., Milan, Italy
PEHLA, Prüffeld Berlin, Siemensstadt Nonnendammallee 104, D-13629 Berlin

Tests date from April 6, 2012 to July 3, 2012

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

IEEE Std C37.09-1999

IEEE Std C37.09b-2010

IEEE Std C37.09a-2005

This Type Test Certificate has been issued by CESI in accordance with above mentioned Standard(s).

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 Standard(s) and to justify the ratings assigned by the Manufacturer as listed on page No. 3.

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.

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Issue date April 2, 2013

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