

type test certificate of Short-circuit and switching performances

apparatus Three-pole SF6 circuit-breaker

designation FXT16D  
rated voltage 420 kV; rated normal current 4000 A; rated frequency 50 Hz

manufacturer ALSTOM Limited - High Voltage Switchgear - Chennai - INDIA

tested for ALSTOM Limited - High Voltage Switchgear - Chennai - INDIA

date(s) of tests from November 19, 2001 to December 5, 2001

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 60056 (1987)  
Sub-clauses 6.5, 6.102 to 6.106, 6.109, 6.110  
and 6.111 (for line-charging and cable-charging current switching tests)

this Type Test Certificate has been issued by CESI following exclusively the STL Guides.

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.

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no. of pages 3

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**CESI**  
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