

## Test Documents for Vacuum Circuit-Breaker 3AK7632 (17,5 kV, 40 kA, 1250 A)

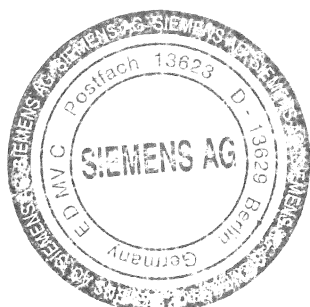
The vacuum circuit-breakers of type 3AK7 were type tested in accordance with  
IEEE Std C37.013-1997

For vacuum circuit-breaker 3AK7632 the following test documents are valid:

Type Tests	Rated Values	Test Documents
Dielectric tests	U <sub>p</sub> = 95 kV U <sub>d</sub> = 38 kV	U4402/672e
Temperature-rise tests	I <sub>r</sub> = 1250 A	U4445/141e
Mechanical operation test at ambient temperature, Low and high temperature tests	10.000 op. Cycles -5 / +55 °C	02-013-MM/E
Short-time withstand current and peak withstand current tests	I <sub>sc</sub> = 40 kA/3s I <sub>ma</sub> = 100 kA	KEMA 130-06
Short-circuit making and breaking tests	I <sub>sc</sub> = 40 kA I <sub>ma</sub> = 100 kA	KEMA 130-06



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Berlin, May 05, 2011

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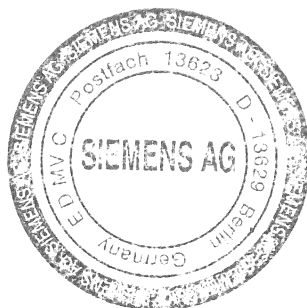
Siemens Aktiengesellschaft; Vorsitzender des Aufsichtsrats: Gerhard Cromme; Vorstand: Peter Löscher, Vorsitzender; Wolfgang Dehen, Brigitte Ederer, Joe Kaeser, Barbara Kux, Hermann Requardt, Siegfried Russwurm, Peter Y. Solmssen; Sitz der Gesellschaft: Berlin und München, Deutschland; Registergericht: Berlin Charlottenburg, HRB 12300, München, HRB 6684; WEEE-Reg.-Nr. DE 23691322

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If a test is carried out with a vacuum circuit-breaker with different order number, the validity of the test document is given by the following statements:

The listed test documents for the mentioned vacuum circuit-breaker are valid in respect to familiar design of the vacuum circuit-breakers, as the construction of the main current path and mechanical driving mechanism is nearly identical.

  
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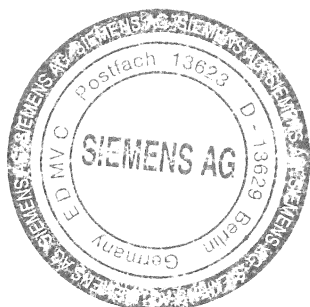
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In addition to the type tests in accordance with IEEE C37.013, the following tests were carried out:

Type Tests	Test Documents
Out-of-phase making and breaking tests	KEMA 130-06

  
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