

Test Documents for Vacuum Circuit-Breaker 3AH3128-7 (12 kV, 63 kA, 3150 A)

The vacuum circuit-breakers of type 3AH3 were type tested in accordance with

IEC 60694, edition 2.2, 2002-01,
IEC 62271-1, Edition 1.0, 2007-10,
IEC 60056, 4th edition, 1987,
IEC 62271-100, Edition 2.0, 2008-04 and the relevant harmonisation documents.

For vacuum circuit-breaker 3AH3128-7 the following test documents are valid:

Type Tests	Rated Values	Test Documents
Dielectric tests	U _P = 75 kV U _d = 28 kV	TVM2/3008E
Temperature-rise tests	I _r = 3150 A	TVM1/0029E/96
Mechanical operation test at ambient temperature, Low and high temperature tests	10.000 op. Cycles	TVM1/0156E/99
Short-time withstand current and peak withstand current tests	I _{sc} = 63 kA/3s I _{ma} = 160 kA	KEMA 115-05
Short-circuit making and breaking tests	I _{sc} = 63 kA I _{ma} = 160 kA	KEMA 115-05

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IC LMV MV C PMB



Berlin, July 11, 2012

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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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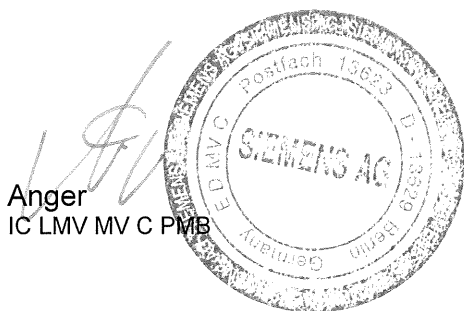
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In addition to the type tests in accordance with IEC 60694 and IEC 62271-100 the following tests were carried out:

Type Tests	Test Documents
Single-phase and double earth fault tests	KEMA 115-05
Capacitive current switching tests: -cable-charging current breaking tests -single capacitor bank switching tests	KEMA 116-05



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