

Test Documents for Vacuum Circuit-Breaker 3AH4 794-2 (27.5 kV, 25 kA, 1250 A)

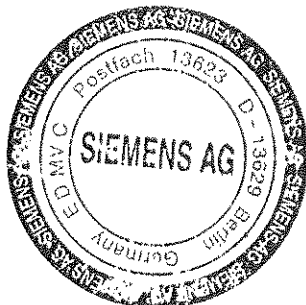
The vacuum circuit-breakers of type 3AH4 were type tested in accordance with

IEC 62271-1,
EN 50152-1 and the relevant harmonisation documents.

For vacuum circuit-breaker 3AH4 794-2 the following test documents are valid:

Type Tests	Rated Values	Test Documents
Dielectric tests	$U_p = 105 \text{ kV}$ $U_d = 250 \text{ kV}$	TVM2/3107E
Temperature-rise tests	$I_r = 1250 \text{ A}$	TVM1/0187E/00
Mechanical operation test at ambient temperature, Low and high temperature tests	20.000 op. Cycles	TVM1/0190E/00
Short-time withstand current and peak withstand current tests	$I_{sc} = 25 \text{ kA/3s}$ $I_{ma} = 63 \text{ kA}$	KEMA TDT 2005-10
Short-circuit making and breaking tests	$I_{sc} = 25 \text{ kA}$ $I_{ma} = 63 \text{ kA}$	KEMA TDT 2005-10


Nils Anger
 Energy Sector
 Power Distribution Division
 E D M V C I P M B



Berlin, July 14, 2010

Siemens AG
 Geschäftsgebiet: Medium Voltage
 Leitung: Wolfgang Heuring
 Bereich: Power Transmission and Distribution
 Vorstand: Udo Niehage, Vorsitzender; Pamela Knapp, Hans-Jürgen Schloß

Briefadresse:
 Siemens AG
 PTD M C R&D
 13623 Berlin

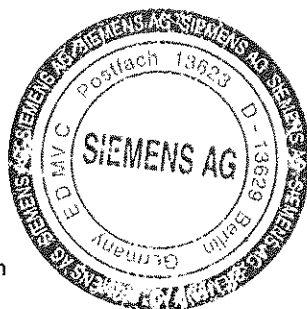
Hausadresse:
 Nonnendammallee 104
 Siemensstadt
 13629 Berlin
 Tel: +49 (30) 386-0

Test Documents
for Vacuum Circuit-Breaker
3AH4 794-2
(27.5 kV, 25 kA, 1250 A)

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.


Nijs Anger
Energy Sector
Power Distribution Division
E D M V C I P M B



Berlin, July 14, 2010

Siemens AG
Geschäftsgebiet: Medium Voltage
Leitung: Wolfgang Heuring
Bereich: Power Transmission and Distribution
Vorstand: Udo Niehage, Vorsitzender; Pamela Knapp, Hans-Jürgen Schloß

Briefadresse:
Siemens AG
PTD M C R&D
13623 Berlin

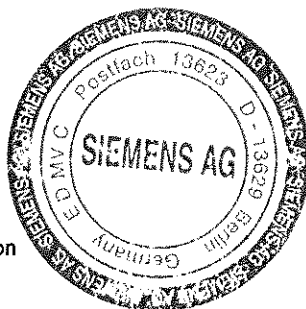
Hausadresse:
Nonnendammallee 104
Siemensstadt
13629 Berlin
Tel: +49 (30) 386-0

Test Documents
for Vacuum Circuit-Breaker
3AH4 794-2
(27.5 kV, 25 kA, 1250 A)

In addition to the type tests in accordance with IEC 62271-1 and EN 50152-1 the following tests were carried out:

Type Tests	Test Documents
Out of phase making and breaking test	KEMA TDT 2005-10


Nils Anger
Energy Sector
Power Distribution Division
E D M V C I P M B



Berlin, July 14, 2010

Siemens AG
Geschäftsgebiet: Medium Voltage
Leitung: Wolfgang Heuring
Bereich: Power Transmission and Distribution
Vorstand: Udo Niehage, Vorsitzender; Pamela Knapp, Hans-Jürgen Schloß

Briefadresse:
Siemens AG
PTD M C R&D
13623 Berlin

Hausadresse:
Nonnendammallee 104
Siemensstadt
13629 Berlin
Tel: +49 (30) 386-0