



Errata to IEEE Standard Test Procedures for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V

Developed by the
Switchgear Committee
of the
IEEE Power and Energy Society

Correction Sheet
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In Table 1 on page 23, change the first “Test voltage (kV)” box under the “Single-phase fault tests” section of the table as follows:

Table 1—Single-phase or three-phase test duties for short-circuit current tests

Test duty	Operating duty	Test voltage (kV)	Making I [kA (pk)]	Short-circuit current (kA)	% asymmetry @ contact part
T10	O– t_r –CO– t_r' –CO	E		$0.1 I$	<20
T30	O– t_r –CO– t_r' –CO	E		$0.3 I$	<20
T60	O– t_r –CO– t_r' –CO	E		$0.6 I$	<20
T100s	O– t_r –CO– t_r' –CO or T100s(a) and T100s(b)	E	$F \times I$	I	<20
T100s(a)	C– t_r' –C	E	$F \times I$		
T100s(b)	O– t_r –O– t_r' –O	E		I	<20
T100a	Three Os	E		see 4.8.4.4	>20
Single-phase fault tests					
T100s 1ph	O	$\frac{U_r}{\sqrt{3}}$			<20
T100a 1ph	O	$\frac{U_r}{\sqrt{3}}$		see 4.8.4.5	>20
Single-phase, short-line fault tests					
L75	Three Os	$\frac{U_r}{\sqrt{3}}$		$0.7 I$ to $0.8 I$	<20
L90	Three Os	$\frac{U_r}{\sqrt{3}}$		$0.9 I$ to $0.95 I$	<20
Short-time current test					
STC	Closed position		$F \times I$	I for T seconds	