

INTERNATIONAL ELECTROTECHNICAL COMMISSION
COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

IEC 62271-101:2012/AMD1:2017
Edition 2.0 2017-11

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HIGH-VOLTAGE SWITCHGEAR AND
CONTROLGEAR –

APPAREILLAGE A HAUTE TENSION –

Part 101: Synthetic testing

Partie 101: Essais synthétiques

CORRIGENDUM 1

Corrections to the French version appear after the English text.

Les corrections à la version française sont données après le texte anglais.

Table I.1 Corrected TRV values for the first-pole-to-clear for $k_{pp} = 1,3$ and $f_r = 50$ Hz

Replace, in Table I.1 as modified by Amendment 1, the row " $\tau = 75$ ms major loop" with the following new row:

$\tau = 75$ ms	550	349	580	388	669	409	722	421	754	428	775
major loop	800	501	785	560	928	592	1 015	610	1 070	621	1 106

Table I.2 – Corrected TRV values for the first-pole-to-clear for $k_{pp} = 1,3$ and $f_r = 60$ Hz

Replace, in Table I.2 as modified by Amendment 1, the row " $\tau = 45$ ms subsequent minor loop" with the following new row:

$\tau = 45$ ms subsequent minor loop	100	69	132	75	141	77	145	a	a				
	123	85	163	92	173	95	178						
	145	101	192	108	205	112	211						
	170	118	227	127	241	131	247						
	245	171	331	183	351	189	359						
	300	210	410	225	432	232	441						
	362	254	501	272	525	280	535						
	420	295	587	315	614	325	624						
	550	388	787	414	816	426	825						
	800	570	1 196	607	1 223	623	1 225						

Replace, in Table I.2 as modified by Amendment 1, the row " $\tau = 60$ ms major loop" with the following new row:

$\tau = 60$ ms major loop	100	66	120	72	133	76	140	78	144	a	a		
	123	81	146	89	162	93	171	95	176				
	145	95	171	104	191	110	201	112	207				
	170	111	199	122	222	128	235	132	242				
	245	159	281	176	316	185	335	189	346				
	300	194	338	215	382	226	407	232	422				
	362	234	400	259	455	272	487	279	505				
	420	270	456	299	522	315	560	324	582				

Table I.6 – Corrected TRV values for the first-pole-to-clear for $k_{pp} = 1,2$ and $f_r = 60$ Hz

Replace, in Table I.6 as modified by Amendment 1, the row " $\tau = 120$ ms major loop" with the following new row:

$\tau = 120$ ms	1 100	483	727	569	931	629	1 077	672	1 187	704	1 271	728	1 336
major loop	1 200	522	760	617	987	683	1 150	730	1 272	765	1 367	792	1 440

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