

INTERNATIONAL ELECTROTECHNICAL COMMISSION
COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

IEC 62271-211
Edition 1.0 2014-04

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High-voltage switchgear and controlgear –

Part 211: Direct connection between power
transformers and gas-insulated
metal-enclosed switchgear for rated voltages
above 52 kV

Appareillage à haute tension –

Partie 211: Raccordements directs entre
transformateurs de puissance et
appareillage sous enveloppe métallique à
isolation gazeuse de tensions
assignées supérieures à 52 kV

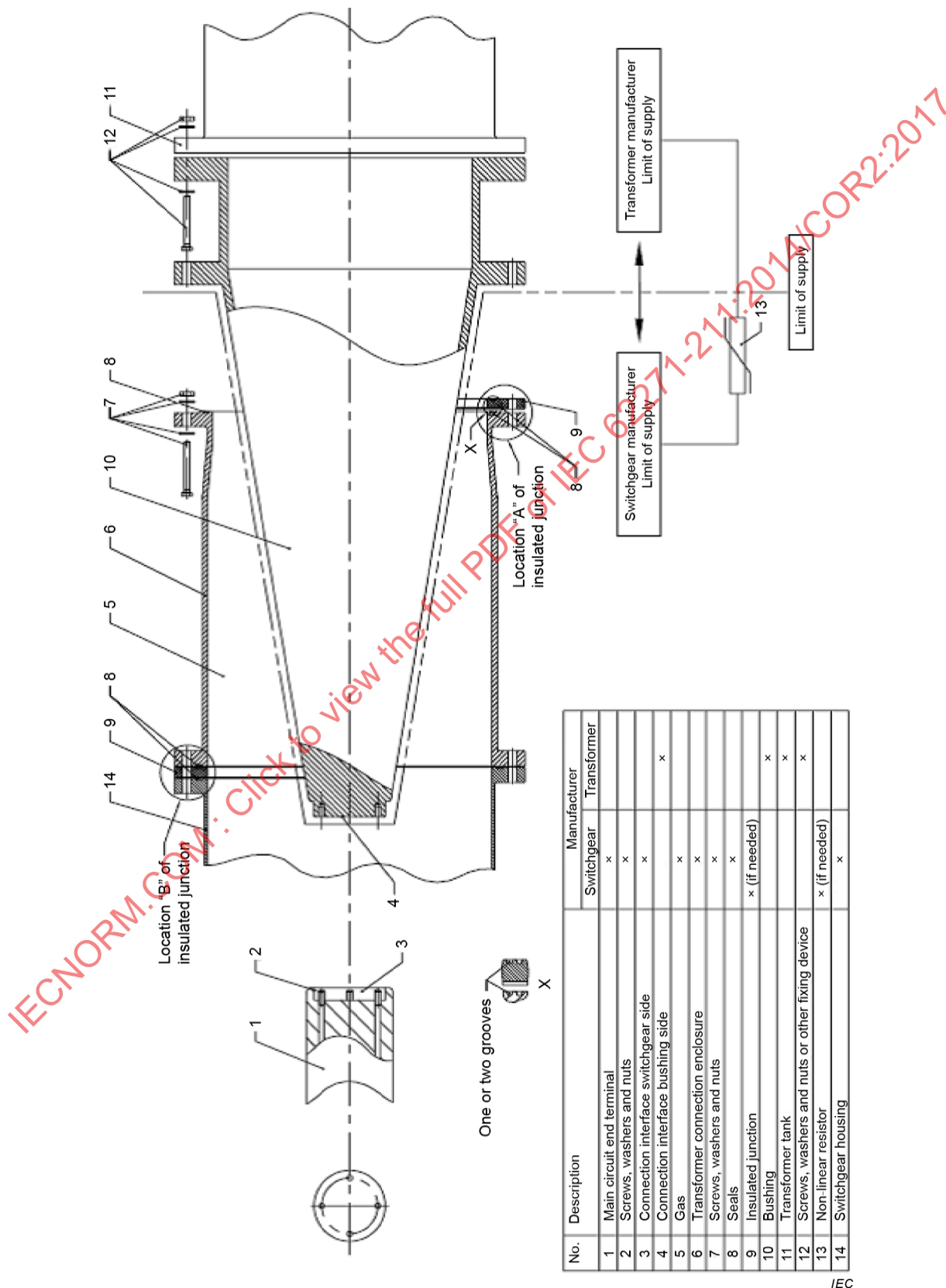
CORRIGENDUM 2

Corrections to the French version appear after the English text.

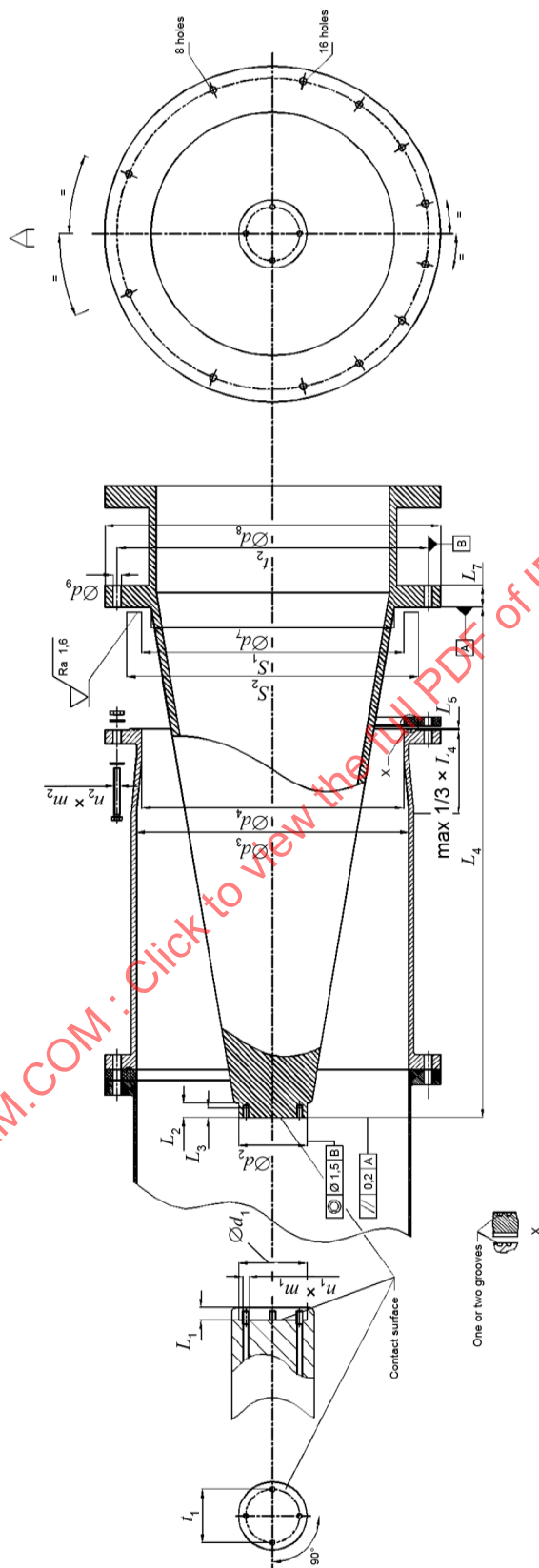
Les corrections à la version française sont données après le texte anglais.

Figure 1 – Typical direct connection between power transformer and gas-insulated metal-enclosed switchgear

Replace the existing figure (including the table) by the following new figure as follows:



Replace the existing figure (including the table) by the following new figure as follows:



Rated voltage [kV]	Rated lightning impulse withstand voltage [kV]	ϕd_1	ϕd_2	ϕd_3	ϕd_4	ϕd_5	ϕd_6	ϕd_7	ϕd_8	ϕd_9	L_1 max	L_2 min	L_3 min	L_4	I_{-5} max (note 2)	L_7 max	x_1 (note 1)	x_2 (note 1)	S_1 max	S_2 min	ϕt_1	ϕt_2
52	325	$\begin{smallmatrix} +0.5 \\ 100 \\ 0 \end{smallmatrix}$	$\begin{smallmatrix} 99 \\ 0 \end{smallmatrix}$	$\begin{smallmatrix} 250 \\ 0 \end{smallmatrix}$	$\begin{smallmatrix} 200 \\ +3 \end{smallmatrix}$						16	25	30	330	3	25	4-M12	8-M12	200	260	$\begin{smallmatrix} +3 \\ 70 \end{smallmatrix}$	285
100	450	$\begin{smallmatrix} +0.5 \\ 100 \\ 0 \end{smallmatrix}$	$\begin{smallmatrix} 99 \\ 0 \end{smallmatrix}$	$\begin{smallmatrix} 250 \\ -0.5 \end{smallmatrix}$							16	25	30	330	3	25	4-M12	8-M12	200	260	$\begin{smallmatrix} +3 \\ 70 \end{smallmatrix}$	285
123	550	$\begin{smallmatrix} +0.5 \\ 100 \\ 0 \end{smallmatrix}$	$\begin{smallmatrix} 99 \\ 0 \end{smallmatrix}$	$\begin{smallmatrix} 300 \\ -0.5 \end{smallmatrix}$	$\begin{smallmatrix} 220 \\ +3 \end{smallmatrix}$						16	25	30	520	3	30	4-M12	8-M12	220	280	$\begin{smallmatrix} +3 \\ 70 \end{smallmatrix}$	305
170	750	$\begin{smallmatrix} +0.5 \\ 140 \\ 0 \end{smallmatrix}$	$\begin{smallmatrix} 139 \\ 0 \end{smallmatrix}$	$\begin{smallmatrix} 450 \\ -0.5 \end{smallmatrix}$	$\begin{smallmatrix} 450 \\ +3 \end{smallmatrix}$						16	25	30	770	3	40	4-M12	16-M12	450	510	$\begin{smallmatrix} +3 \\ 110 \end{smallmatrix}$	535
245	850	$\begin{smallmatrix} +0.5 \\ 140 \\ 0 \end{smallmatrix}$	$\begin{smallmatrix} 139 \\ 0 \end{smallmatrix}$	$\begin{smallmatrix} 450 \\ -0.5 \end{smallmatrix}$	$\begin{smallmatrix} 450 \\ 0 \end{smallmatrix}$						16	25	30	770	3	40	4-M12	16-M12	450	510	$\begin{smallmatrix} +3 \\ 110 \end{smallmatrix}$	535
300	1050	$\begin{smallmatrix} +0.5 \\ 140 \\ 0 \end{smallmatrix}$	$\begin{smallmatrix} 139 \\ 0 \end{smallmatrix}$	$\begin{smallmatrix} 500 \\ -0.5 \end{smallmatrix}$	$\begin{smallmatrix} 540 \\ +3 \end{smallmatrix}$						20	25	30	1 050	3	45	4-M16	16-M12	540	600	$\begin{smallmatrix} +3 \\ 110 \end{smallmatrix}$	640
362	1 175	$\begin{smallmatrix} +0.5 \\ 140 \\ 0 \end{smallmatrix}$	$\begin{smallmatrix} 139 \\ 0 \end{smallmatrix}$	$\begin{smallmatrix} 540 \\ -0.5 \end{smallmatrix}$	$\begin{smallmatrix} 540 \\ 0 \end{smallmatrix}$						20	25	30	1 050	3	45	4-M16	16-M12	540	600	$\begin{smallmatrix} +3 \\ 110 \end{smallmatrix}$	640
550	1 550	$\begin{smallmatrix} +0.5 \\ 140 \\ 0 \end{smallmatrix}$	$\begin{smallmatrix} 139 \\ 0 \end{smallmatrix}$	$\begin{smallmatrix} 540 \\ -0.5 \end{smallmatrix}$	$\begin{smallmatrix} 540 \\ 0 \end{smallmatrix}$						20	25	30	1 050	3	45	4-M16	16-M12	540	600	$\begin{smallmatrix} +3 \\ 110 \end{smallmatrix}$	640

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Corrections à la version française:

Figure 1 – Raccordement direct type entre le transformateur de puissance et l'appareillage sous enveloppe métallique à isolation gazeuse

Cette correction ne s'applique qu'à la langue anglaise

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