

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

AMENDMENT 2  
AMENDEMENT 2

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**High-voltage switchgear and controlgear –  
Part 102: Alternating current disconnectors and earthing switches**

**Appareillage à haute tension –  
Partie 102: Sectionneurs et sectionneurs de terre à courant alternatif**





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## FOREWORD

This amendment has been prepared by subcommittee 17A: High-voltage switchgear and controlgear, of IEC technical committee 17: Switchgear and controlgear.

The text of this amendment is based on the following documents:

FDIS	Report on voting
17A/1029/FDIS	17A/1035/RVD

Full information on the voting for the approval of this amendment can be found in the report on voting indicated in the above table.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

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**Table 1 – Recommended contact zones for "fixed" contacts supported by flexible conductors**

Add the following new lines to the existing Table 1:

800	250	650	450	550
1 100	300	700	500	600
1 200	300	700	500	600

**Table 2 – Recommended contact zones for "fixed" contacts supported by rigid conductors**

Add the following new lines to the existing Table 2:

1 100	250	250	250
1 200	250	250	250

**Table 3 – Recommended static mechanical terminal loads**

Add the following new lines to the existing Table 3:

1 100 – 1 200	≤ 4 000	2 000	660	4 000	1 600	2 000
	> 4 000	2 500	1 000	5 000	2 000	

**Table 5 – Power frequency 1 min withstand voltages**

Add the following new lines to the existing Table 5:

1 100	1 270	-
1 200	1 386	-

**Figure 4 – Single-phase test arrangement for disconnectors with a horizontal isolating distance and for earthing switches with rated voltage of 52 kV and above**

Replace the existing Figure 4 by the following new figure: