

INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 1
AMENDEMENT 1

Terminology for high-voltage direct current (HVDC) transmission

**Terminologie pour le transport d'énergie en courant continu à haute tension
(CCHT)**



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FOREWORD

This amendment has been prepared by subcommittee 22F: Power electronics for electrical transmission and distribution systems, of IEC technical committee 22: Power electronic systems and equipment.

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

CDV	Report on voting
22F/153/CDV	22F/163/RVC

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 amendment and the base publication will remain unchanged until the maintenance result 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

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

5 General terms related to converter circuits

5.3 bridge (converter connection)

Replace the definition by the following:

double-way connection as illustrated on Figure 2, comprising six converter arms such that the centre terminals are the phase terminals of the a.c. circuit, and that the outer terminals of like polarity are connected together and are the d.c. terminals

Add the following new definitions to the end of Clause 5:

5.11 capacitor commutated converter

converter in which series capacitors are included between the converter transformer and the valves (see Figure 13a)

5.12 controlled series capacitor converter

converter in which series capacitors are inserted between the a.c. filter bus and the a.c. network (see Figure 13b)