

STN	Terminológia konvertorov napájaných napätím (VSC) pre systémy na prenos energie jednosmerným prúdom vysokého napätia (HVDC).	STN EN 62747 35 1540
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Terminology for voltage-sourced converters (VSC) for high-voltage direct current (HVDC) systems

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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INTERNATIONAL STANDARD

NORME INTERNATIONALE



Terminology for voltage-sourced converters (VSC) for high-voltage direct current (HVDC) systems

Terminologie relative aux convertisseurs de source de tension (VSC) des systèmes en courant continu à haute tension (CCHT)





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Terminologie relative aux convertisseurs de source de tension (VSC) des systèmes en courant continu à haute tension (CCHT)

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**TERMINOLOGY FOR VOLTAGE-SOURCED CONVERTERS (VSC)
FOR HIGH-VOLTAGE DIRECT CURRENT (HVDC) SYSTEMS**
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International Standard IEC 62747 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 standard is based on the following documents:

CDV	Report on voting
22F/301/CDV	22F/317A/RVC

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

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TERMINOLOGY FOR VOLTAGE-SOURCED CONVERTERS (VSC) FOR HIGH-VOLTAGE DIRECT CURRENT (HVDC) SYSTEMS

1 Scope

This International Standard defines terms for the subject of self-commutated voltage-sourced converters used for transmission of power by high voltage direct current (HVDC).

The standard is written mainly for the case of application of insulated gate bipolar transistors (IGBTs) in voltage sourced converters (VSC) but may also be used for guidance in the event that other types of semiconductor devices which can both be turned on and turned off by control action are used.

Line-commutated and current-sourced converters for high-voltage direct current (HVDC) power transmission systems are specifically excluded from this standard.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60027 (all parts), *Letter symbols to be used in electrical technology*

IEC 60617, *Graphical symbols for*

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