

Voltage sourced converter (VSC) valves for static  
synchronous compensator (STATCOM) - Electrical  
Testing

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

|                                                                                                                     |                                                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| See Eesti standard EVS-EN 62927:2017 sisaldab Euroopa standardi EN 62927:2017 ingliskeelset teksti.                 | This Estonian standard EVS-EN 62927:2017 consists of the English text of the European standard EN 62927:2017.                      |
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ICS 29.200, 29.240.99

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English Version

**Voltage sourced converter (VSC) valves for static synchronous  
compensator (STATCOM) - Electrical Testing  
(IEC 62927:2017)**

Valves de convertisseur source de tension (VSC) pour  
compensateur synchrone statique (STATCOM) - Essais  
électriques  
(IEC 62927:2017)

Ventile von Spannungszwischenkreis-Stromrichtern (VSC)  
für STATCOM - Elektrische Prüfungen  
(IEC 62927:2017)

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European Committee for Electrotechnical Standardization  
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**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

## European foreword

The text of document 22F/412/CDV, future edition 1 of IEC 62927, prepared by SC 22F "Power electronics for electrical transmission and distribution systems", of IEC/TC 22 "Power electronic systems and equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62927:2017.

The following dates are fixed:

|                                                                                                                                              |       |            |
|----------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|
| latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement | (dop) | 2018-05-16 |
|----------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|

|                                                                                                |       |            |
|------------------------------------------------------------------------------------------------|-------|------------|
| latest date by which the national standards conflicting with the document have to be withdrawn | (dow) | 2020-08-16 |
|------------------------------------------------------------------------------------------------|-------|------------|

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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

|               |      |                                 |
|---------------|------|---------------------------------|
| ISO/IEC 17025 | NOTE | Harmonized as EN ISO/IEC 17025. |
| IEC 61954     | NOTE | Harmonized as EN 61954.         |
| IEC 62747     | NOTE | Harmonized as EN 62747.         |

## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: [www.cenelec.eu](http://www.cenelec.eu).

| <u>Publication</u> | <u>Year</u> | <u>Title</u>                                                                                                          | <u>EN/HD</u> | <u>Year</u> |
|--------------------|-------------|-----------------------------------------------------------------------------------------------------------------------|--------------|-------------|
| IEC 60060          | series      | High-voltage test techniques -- Part 1: General definitions and test requirements                                     | EN 60060     | series      |
| IEC 60060-1        | -           | High-voltage test techniques -- Part 1: General definitions and test requirements                                     | EN 60060-1   | -           |
| IEC 60071-1        | 2006        | Insulation co-ordination -- Part 1: Definitions, principles and rules                                                 | EN 60071-1   | 2006        |
| IEC 60700-1        | 2015        | Thyristor valves for high voltage direct current (HVDC) power transmission -- Part 1: Electrical testing              | EN 60700-1   | 2015        |
| IEC 62501          | -           | Voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) power transmission - Electrical testing | EN 62501     | -           |

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