IEEE Switchgear Standards Collection: VuSpec™

IEEE Switchgear Standards Collection: VuSpec™ represents the most complete resource available for professional engineers looking for best practices and techniques covering design, construction and operation of devices or assembled gear to establish (make), interrupt, or change connections in any electric circuit under normal or abnormal condition, including treatment of the following:

* Automatic reclosers and sectionalizes
* Current limiting devices
* Fuses and cutouts
* Gas-insulated switchgear
* Insulation, insulators and hardware for switchgear
* Metal-enclosed buses and all buses included in switchgear assemblies
* Power circuit breakers,
* Switches, including pad-mounted switches
* Switchgear assemblies
* Switchgear devices

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This VuSpec contains 69 Active Standards, Guides, Recommended Practices and Corrigendums.

- IEEE Std C37.06.1-2017, IEEE Recommended Practice for Preferred Ratings for High-Voltage (>1000 volts) AC Circuit Breakers Designated Definite Purpose for Fast Transient Recovery Voltage Rise Times
- IEEE Std C37.09-1999(R2007), IEEE Standard Test Procedure for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis
- IEEE Std C37.09-1999/Cor 1-2007, IEEE Standard Test Procedure for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis - Corrigendum 1
- IEEE C37.09a-2005 (R2007), American National Standard Test Procedure for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis Amendment 1: Capacitance Current Switching
- IEEE Std C37.09b-2010, IEEE Standard Test Procedure for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis -- Amendment 2: To Change the Description of Transient Recovery Voltage for Harmonization with IEC 62271-100
- IEEE Std C37.010-2016, IEEE Application Guide for AC High-Voltage Circuit Breakers > 1000 Vac Rated on a Symmetrical Current Basis
- IEEE Std C37.10-2011, IEEE Guide for Investigation, Analysis, and Reporting of Power Circuit Breaker Failures
- IEEE Std C37.10.1-2000 (R2006, IEEE Guide for the Selection of Monitoring for Circuit Breakers
- IEEE Std C37.011-2011, IEEE Guide for the Application of Transient Recovery Voltage for AC High-Voltage Circuit Breakers
- IEEE Std C37.11-2014, IEEE Standard Requirements for Electrical Control for AC High-Voltage (>1000 V) Circuit Breakers
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- IEEE Std C37.12.1-2007, IEEE Guide for High-Voltage (>1000 V) Circuit Breaker Instruction Manual Content
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- IEEE Std C37.13-2015, IEEE Standard for Low-Voltage AC Power Circuit Breakers Used in Enclosures
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- IEEE Std C37.015-2017, IEEE Guide for the Application of Shunt Reactor Switching
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- IEEE Std C37.30.2-2015, IEEE Guide for Wind-Loading Evaluation of High-Voltage (>1000 V) Air-Break Switches
- IEEE Std C37.40-2003, IEEE Standard Service Conditions and Definitions for High-Voltage Fuses, Distribution Enclosed Single-Pole Air Switches, Fuse Disconnecting Switches, and Accessories
- IEEE Std C37.41-2016, IEEE Standard Design Tests for High-Voltage (>1000 V) Fuses and Accessories
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- IEEE Std C37.45-2016, IEEE Standard for Design Test Specifications for High Voltage (> 1000 V) Distribution Class Enclosed Single-Pole Air Switches
- IEEE Std C37.48-2005 PE/SWG/HVF-WG_C37.48 IEEE Guide for the Application, Operation, and Maintenance of High-Voltage Fuses, Distribution Enclosed Single-Pole Air Switches, Fuse Disconnecting Switches, and Accessories
- IEEE Std C37.48.1-2011, IEEE Guide for the Application, Operation, and Coordination of High-Voltage (>1000 V) Current-Limiting Fuses
- IEEE Std C37.59-2007, IEEE Standard Requirements for Conversion of Power Switchgear Equipment
- IEEE Std C37.60-2012, PE/SWG/RODE-WG_C37.60 IEEE/IEC High-voltage switchgear and controlgear - Part 111: Automatic circuit reclosers and fault interrupters for alternating current systems up to 38 kV
- IEEE Std C37.63-2013, IEEE Standard Requirements for Overhead, Pad-Mounted, Dry-Vault, and Submersible Automatic Line Sectionalizers for Alternating Current Systems Up to 38 kV
- IEEE Std C37.66-2005, IEEE Standard Requirements for Capacitor Switches for AC Systems (1 kV to 38 kV)

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- IEEE Std C37.081-1981 (R2007), IEEE Guide for Synthetic Fault Testing of AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis
- IEEE Std C37.81-2017, IEEE Guide for Seismic Qualification of Class 1E Metal-Enclosed Power Switchgear Assemblies
- IEEE Std C37.081a-1997 (R2007), Supplement to IEEE Guide for Synthetic Fault Testing of AC High Voltage Circuit Breakers Rated on a Symmetrical Current Basis
- IEEE Std C37.82-2017, IEEE Standard for the Qualification of Switchgear Assemblies for Class 1E Applications in Nuclear Power Generating Stations
- IEEE Std C37.083-1999 (R2007), IEEE Guide for Synthetic Capacitive Current Switching Tests of AC High-Voltage Circuit Breakers
- IEEE Std C37.100-1992 (R2001), IEEE Standard Definitions for Power Switchgear
- IEEE Std C37.100.1-2007, IEEE Standard of Common Requirements for High Voltage Power Switchgear Rated Above 1000 V
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- IEEE Std C37.301-2009, IEEE Standard for High-Voltage Switchgear (Above 1000 V) Test Techniques--Partial Discharge Measurements
- IEEE Std C37.302-2015, IEEE Guide for Fault Current Limiter (FCL) Testing of FCLs Rated above 1000 V AC