IEEE Power Switchgear, Substations & Relays Standards 2010 Collection: VuSpec™

Summary:
- IEEE offers you this complete collection of all Power Switchgear, Substation, and Relay standards.
- Search by titles, keywords, abstracts, extended descriptions, HTML tags, or on the full text of the standards themselves. - 133 IEEE Standards.
- Includes 64 Switchgear standards, 34 Substation standards, 35 Relaying standards.
- Includes related bonus material on disc, including select historic ANSI/NEMA standards, key reference standards, and exclusive linked abstracts, keywords, and extended standard descriptions.

Contents for Power Switchgear:
- IEEE Std 1325™-1996, IEEE Recommended Practice for Reporting Field Failure Data for Power Circuit Breakers
- IEC 62271-111 2005, High voltage switchgear and control gear - Part 111: Overhead, pad-mounted, dry vault, and submersible automatic circuit recloses and fault interrupters for alternating current systems up to 38 kV
- IEEE Std C37.06™-2009, IEEE Standard for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis - Preferred Rating and Related Required Capabilities for Voltages Above 1000V
- ANSI C37.06.1-2000, Guide for High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis Designated "Definite Purpose for Fast Transient Recovery Voltage Rise Times"
IEEE Std C37.016™-2006, IEEE Standard for AC High-Voltage Circuit Switcher rated 15.5 kV through 245 kV
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. 8.3.2: Recovery Voltage for Terminal Faults, Asymmetrical Short-Circuit
IEEE Std C37.11™-1997 (R2003), IEEE Standard Requirements for Electrical Control for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis
IEEE Std C37.16™-2009, IEEE Standard for Preferred Ratings, Related Requirements, and Application Recommendations for Low-Voltage AC (635 V and below) and DC (3200 V and below) Power Circuit Breakers
IEEE Std C37.18™-1979 (R2003), IEEE Standard Enclosed Field Discharge Circuit Breakers for Rotating Electric Machinery
Amendment 1: Short-Time and Short-Circuit Withstand Current Tests—Minimum Areas for Multiple Cable Connections

- IEEE Std C37.20.2™-1999 (R2005), IEEE Standard for Metal-Clad Switchgear
- IEEE Std C37.20.3™-2001, IEEE Standard for Metal-Enclosed Interrupter Switchgear
- IEEE Std C37.20.4™-2001 (R2006), IEEE Standard for Indoor AC Switches (1kV-38kV) for Use in Metal-Enclosed Switchgear
- IEEE Std C37.20.6™-2007, IEEE Standard for 4.76 kV to 38kV Rated Grounding and Testing Devices Used in Enclosures
- ANSI Std C37.22-1997, Preferred Ratings and Related Required Capabilities for Indoor AC Medium-Voltage Switches Used in Metal-Enclosed Switchgear
- IEEE Std C37.30™-1997, IEEE Standard Requirements for High-Voltage Switches
- IEEE Std C37.42™-2009, IEEE Standard Specifications for High-Voltage (>1000) Expulsion Type distribution-class Fuses, Fuse and Disconnecting Cutouts, Fuse Disconnecting Switches and Fuse Links, and Accessories Used with These Devices
- IEEE Std C37.45™-2007, IEEE Standard Specifications for High-Voltage Distribution Class Enclosed Single-Pole Air Switches with Rated Voltages from 1 kV through 8.3 kV
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- IEEE Std C37.47™-2000 (ANSI/NEMA), American National Standard for High Voltage Current-Limiting Type Distribution Class Fuses and Fuse Disconnecting Switches
- IEEE Std C37.50™-1989 (ANSI), Low-Voltage AC Power Circuit Breakers Used in Enclosures; Test Procedures
- IEEE Std C37.51™-1989 (ANSI), Metal-Enclosed Low-Voltage AC Power-Circuit-Breaker Switchgear Assemblies; Conformance Test Procedures
- IEEE Std C37.53.1™-1989 (ANSI), High-Voltage Current-Limiting Motor-Starter Fuses-Conformance Test Procedures

Contents for Substations:
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- IEEE Std 1379™-2000 (R2006), IEEE Recommended Practice for Data Communications Between Remote Terminal Units and Intelligent Electronic Devices in a Substation
- IEEE Std 1527™-2006, IEEE Recommended Practice for the Design of Flexible Buswork Located in Seismically Active Areas

Contents for Power Systems Relaying:
- IEEE Std C37.90.3™-2001 (R2006), IEEE Standard Electrostatic Discharge Tests for Protective Relays
- IEEE Std C37.91™-2008 (Revision of IEEE Std C37.91-2000), IEEE Guide for Protective Relay Applications to Power Transformers
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- IEEE Std C37.105™-1987 (R1999), IEEE Standard for Qualifying Class 1E Protective Relays and Auxiliaries for Nuclear Power Generating Stations
- IEEE Std C37.112™-1996 (R2007), IEEE Standard Inverse-Time Characteristic Equations for Over current Relays
IEEE Std C37.231™-2006, IEEE Recommended Practice for Microprocessor-Based Protection Equipment Firmware Control
IEEE Std C37.232™-2007, IEEE Recommended Practice for Naming Time Sequence Data Files