

Transformers Collection

2002 Special Edition Contents

- IEEE Std 62-1995, Guide for Diagnostic Field Testing of Electric Power Apparatus –Part 1: Oil Filled Power Transformers, Regulators, and Reactors (ANSI)
- IEEE Std 259-1999, Standard Test Procedure for Evaluation of Systems of Insulation for Specialty Transformers (ANSI)
- IEEE Std 637-1985 (Reaff 1992), Guide for the Reclamation of Insulating Oil and Criteria for Its Use (ANSI)
- IEEE Std 638-1992 (Reaff 1999), Standard for Qualification of Class 1E Transformers for Nuclear Power Generating Stations
- IEEE 1276-2000 Edition, Guide for the Application of High Temperature Insulation Materials in Liquid-Immersed Power Transformers
- IEEE Std 1277-2000, General Requirements and Test Code for Dry-Type and Oil-Immersed Smoothing Reactors for DC Power Transmission
- IEEE Std 1388-2000, IEEE Standard for the Electric Reporting of Transformer Test Data (ANSI)
- IEEE Std 1538-2000, IEEE Guide for Determining of Maximum Winding Temperature Rise in Liquid-Filled Transformers (ANSI)
- IEEE Std C57.12.00-2000, Standard General Requirements for Liquid-Immersed Distribution, Power, and Regulating Transformers
- IEEE Std C57.12.01-1998, Standard General Requirements for Dry-Type Distribution and Power Transformer Including Those with Solid-Cast and/or Resin-Encapsulated Windings
- ANSI C57.12.10-1997, Standard for Transformers–230 Kv and Below 833/958 Through 8333/10 417 kVA, Single-Phase, and 750/862 Through 60 000/80 000/100 000 kVA, Three-Phase Without Load Tap Changing; and 3750/4687 Through 60 000/80 000/100 000 kVA with Load Tap Changing–Safety Requirements
- ANSI C57.12.20-1997, Standard for Overhead-Type Distribution Transformers, 500 kVA and Smaller: High Voltage, 34 500 Volts and Below; Low Voltage, 7970/13 800 Y Volts and Below
- ANSI C57.12.21-1992, Standard for Transformers–Pad-Mounted, Compartmental-Type, Self-Cooled, Three-Phase Distribution Transformers with High Voltage Bushings; High-Voltage, 34500 GRVD/19920 Volts and Below; Low-Voltage, 240/120 volts; 167 kVA and Smaller
- ANSI C57.12.22-1993 (Reaff 1998), Standard for Transformers–Pad-Mounted, Compartmental-Type, Self-Cooled, Three-Phase Distribution Transformers with High-Voltage Bushings, 2500 kVA and Smaller: High-Voltage, 34 500 GrdY/19 920 Volts and Below; Low Voltage, 480 Volts and Below
- IEEE C57.12.23-1992 (Reaff 1999), Standard for Transformers–Underground-Type, Self-Cooled, Single-Phase Distribution Transformers With Separable, Insulated, High-Voltage Connectors;

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ANSI C57.12.25-1990, Standard for Transformers-Pad-Mounted, Compartmental-Type, Self-Cooled, Single-Phase Distribution Transformers with Separable Insulated High-Voltage Connectors: High-Voltage, 34 500 GrdY/19 920 Volts and Below; Low-Voltage, 240/120 Volts; 167 kVA and Smaller-Requirements

ANSI C57.12.26-1992, Pad-Mounted, Compartmental-Type, Self-Cooled, Three-Phase Distribution Transformers for Use with Separable Insulated High-Voltage Connectors (34 500 GrdY/19 920 Volts and Below; 2500 kVA and Smaller)

ANSI C57.12.28-1999, Standard for Pad-Mounted Equipment-Enclosure Integrity

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ANSI C57.12.31-1996, Standard for Pole-Mounted Equipment-Enclosure Integrity

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IEEE C57.12.35-1996, Standard for Bar Coding for Distribution Transformers

ANSI C57.12.40-2000, Standard for Secondary Network Transformers-Subway and Vault Types (Liquid Immersed)-Requirements

IEEE C57.12.44-2000, Requirements for Secondary Network Protectors (ANSI)

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ANSI C57.12.52-1981 (Reaff 1998), Requirements for Sealed Dry Type Power Transformers, 50a kVA and Larger, Three Phase and High Voltage 601 to 34500 Volts, Low Voltage 208Y/120 to 4160 Volts

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IEEE C57.12.56-1986 (Reaff 1998), Standard Test Procedure for Thermal Evaluation of Insulation Systems for Ventilated Dry-Type Power and Distribution Transformers (ANSI)

IEEE C57.12.58-1991 (Reaff 1996), Guide for Conducting a Transient Voltage Analysis of a Dry-Type Transformer Coil (ANSI)

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IEEE C57.12.60-1998, Guide for Thermal Evaluation of Insulation Systems for Solid-Cast and Resin-Encapsulated Power and Distribution Transformers (ANSI)

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IEEE C57.12.91-2001, Test Code for Dry-Type Distribution and Power Transformers (ANSI)

IEEE C57.13-1993, Standard Requirements for Instrument Transformers

IEEE C57.13.1-1981 (Reaff 1999), Guide for Field Testing of Relaying Current Transformers (ANSI)

IEEE C57.13.3-1983 (Reaff 1990), Guide for the Grounding of Instrument Transformer Secondary Circuits and Cases (ANSI)

IEEE C57.15-1999, Standard Requirements, Terminology, and Test Code for Step-Voltage and Induction-Voltage Regulators (ANSI)

IEEE C57.16-1996 (Reaff 2001), Standard Requirements, Terminology, and Test Code for Dry-Type Air-Core Series-Connected Reactors (ANSI)

IEEE C57.18.10-1998, Standard Practices and Requirements for Semiconductor Power Rectifier Transformers (Revision and redesignation of ANSI/IEEE C57.18-1964) (ANSI)

IEEE C57.19.00-1991 (Reaff 1997), Standard General Requirements and Test Procedure for Outdoor Power Apparatus Bushings (ANSI)

IEEE C57.19.01-2000, Standard Performance Characteristics and Dimensions for Outdoor Apparatus Bushings (ANSI)

IEEE C57.19.03-1996, Standard Requirements, Terminology, and Test Bar Coding for Bushings for DC Applications (ANSI)

IEEE C57.19.100-1995, Guide for Application of Power Apparatus Bushings (ANSI)

IEEE C57.21-1990 (Reaff 1995), Standard Requirements, Terminology, and Test Code for Shunt Reactors Over 500 kVA (ANSI)

IEEE C57.91-1995, Guide for Loading Mineral-Oil-Immersed Overhead and Pad-Mounted Distribution Transformers Rated 500 kVA and Less with 65° C or 55° C Average Winding Rise

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IEEE C57.110-1998, Recommended Practice for Establishing Transformer Capability When Supplying Nonsinusoidal Load Currents

IEEE C57.111-1989 (Reaff 1995), Guide for Acceptance of Silicone Insulating Fluid and Its Maintenance in Transformers (ANSI)

IEEE C57.113-1991, Guide for Partial Discharge Measurement in Liquid-Filled Power Transformers and Shunt Reactors

IEEE C57.116-1989 (Reaff 2000), Guide for Transformers Directly Connected to Generators (ANSI)

IEEE C57.117-1986 (Reaff 1998), Guide for Reporting Failure Data for Power Transformers and Shunt Reactors on Electric Utility Power Systems (ANSI)

IEEE C57.119-2001, Performing Temperature Rise Tests on Oil-Immersed Power Transformers at Loads Beyond Nameplate Ratings (ANSI)

IEEE C57.121-1998, Guide for Acceptance and Maintenance of Less Flammable Hydrocarbon Fluid in Transformers (ANSI)

IEEE C57.124-1991 (Reaff 1996), Recommended Practice for the Detection of Partial Discharges and the Measurement of Apparent Charge in Dry-Type Transformers (ANSI)

IEEE C57.125-1991 (Reaff 1998), Guide for Failure Investigation, Documentation, and Analysis for Power Transformers and Shunt Reactors

IEEE C57.127-2000, Trial-Use Guide for the Detection of Acoustic Emissions from Partial Discharges in Oil-Immersed Power Transformers

IEEE C57.129-1999, General Requirements and Test Code for Oil-Immersed HVDC Converter Transformers

IEEE C57.131-1995, Guide for the Application of Metal Oxide Surge Arresters for AC Systems (ANSI)

IEEE Std C57.134-2000, Guide for Determination of Hottest Spot
Temperature in Dry Type Transformers (ANSI)

IEEE C57.138-1998, Recommended Practice for Routine Impulse Test for
Distribution Transformers (ANSI)