

Wind Power Transformer Normative References

IEEE Documents

C57.12.00, General Requirements for Liquid Filled Transformers and Voltage Regulators
C57.12.90, Standard Test Code for Liquid Filled Transformers and Reactors
C57.91, Loading Guide for Liquid Filled Transformers
C57.12.10, Standard Requirements for Power Transformers
C57.26, Standard Requirements for Compartment Type 3-Phase Distribution Transformers < or equal to 2500 kVA and < or equal to 34.5 kV highest voltage.
C57.28, Enclosure Integrity
C57.29, Enclosure Integrity for Coastal Environment
C57.32, Enclosure Integrity for Submersible Equipment
C57.12.01, General Requirements for Dry Type Transformers
C57.12.91, Standard Test Code for Dry Type Transformers
C57.96, Loading Guide for Dry Type Transformers
C57.12.51, Ventilated Dry Type 3 Phase Transformers up to 2500 kVA and up to 34,500 volts highest winding
C57.12.52, Sealed Dry Type 3 Phase
C57.12.55, Dry Type Transformers used in Unit Substations
C57.12.59, Dry Type Transformer Through-Fault Duration
C57.18.10, Rectifier transformers
C57.104, Guide for Interpretation of Gases in Oil-Filled Transformers
C57.105, Guide for Transformer Connections in Three Phase Distribution Systems
C57.106, Guide for Acceptance and Maintenance of Oil in Equipment
C57.109, Guide for Liquid-Filled Transformer Through-Fault Duration
C57.110, Recommended Practice for Establishing Transformer Capability for Non-Sinusoidal Load Currents
C57.113, Guide for Partial Discharge Measurements in Liquid Filled Transformers
C57.116, Guide for Transformers Directly Connected to Generators
C57.120, Loss Evaluation Guide for Transformers and Reactors
C57.121, Guide for Acceptance and Maintenance of Less Flammable Hydrocarbon Fluid in Transformers
C57.123, Guide for Transformer Loss Measurement
C57.124, Guide for Detection and Measurement of Partial Discharge in Dry Type Transformers
C57.127, Trial Use Guide for The Detection of Acoustic Emissions from Partial Discharges in Oil-Immersed Power Transformers
C57.131, Standard Requirements for Tapchangers
C57.142, Guide for Occurrence and Mitigation of Switching Transients

IEC Documents

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IEC 60076-2:2011, *Power transformers – Part 2: Temperature rise for liquid-immersed transformers*
IEC 60076-3:2000, *Power transformers – Part 3: Insulation levels, dielectric tests and external clearances in air*
IEC 60076-5:2006, *Power transformers – Part 5: Ability to withstand short circuit*
IEC 60076-7:2005, *Power transformers – Part 7: Loading guide for oil-immersed power transformers*
IEC 60076-8:1997, *Power transformers – Application guide*
IEC 60076-11:2004, *Power transformers – Part 11: Dry-type transformers*
IEC 60076-12:2008, *Power transformers – Part 12: Loading guide for dry-type power transformers*

IEC 60076-13:2006, *Power transformers – Part 13: Self-protected liquid-filled transformers*
IEC 61100, *Classification of insulating liquids according to fire-point and net calorific value*
IEC 61378-1:1997, *Converter transformers – Part 1: Transformers for industrial applications*
IEC 61378-3:2006, *Converter transformers – Part 3: Application guide*
IEC 61400-1:2005, *Wind turbines – Part 1: Design requirements*
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ISO 12944 (all parts), *Paints and varnishes – Corrosion protection of steel structures by protective paint systems*