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IEEE Standard for Submersible Single-Phase Transformers: 250 kVA and Smaller; High Voltage 34 500 GrdY/19 920 V and Below; Low Voltage 600 V and Below

IEEE Power and Energy Society

Developed by the
Transformers Committee

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Approved 5 December 2018

IEEE-SA Standards Board

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Abstract: Electrical, dimensional, and mechanical characteristics and certain safety features of single-phase, 60 Hz, liquid-immersed, self-cooled, submersible distribution transformers are covered in this standard. This standard is intended for use as a basis for establishing the performance, electrical and mechanical interchangeability, and safety of the equipment covered, and to assist in the proper selection of such equipment.

Keywords: distribution transformer, IEEE C57.12.23™, liquid immersed, self-cooled, single-phase, submersible, subsurface, transformer, underground

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