

IEEE Standard Requirements for Liquid-Immersed Power Transformers

Corrigendum 2: Correction of A.3.2.13 Autotransformer LTC application considerations

IEEE Power and Energy Society

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Transformers Committee

IEEE
3 Park Avenue
New York, NY 10016-5997
USA

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Abstract: Requirements for power transformer application are set forth in this standard. It is intended to be used as a basis for performance, interchangeability, and safety of the equipment covered and to assist in the proper selection of such equipment. This document is a product standard that covers certain electrical, dimensional, and mechanical characteristics of 50 Hz and 60 Hz, liquid-immersed power transformers and autotransformers. Such power transformers may be remotely or integrally associated with either primary switchgear or substations, or both, for step-down or step-up purposes and base rated as follows: 833 kVA and above single-phase, 750 kVA and above three-phase. This standard applies to all liquid-immersed power transformers and autotransformers that do not belong to the following types of apparatus: instrument transformers, step voltage and induction voltage regulators, arc-furnace transformers, rectifier transformers, specialty transformers, grounding transformers, mobile transformers, and mine transformers.

Keywords: autotransformer, dimensional characteristics, electrical characteristics, IEEE C57.12.10, load tap changer, mechanical characteristics, power transformer, single-phase, three-phase

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