



XPTQ2.GuideInfo - TRANSFORMERS, GENERAL PURPOSE - COMPONENT

[Transformers - Component] Transformers, General Purpose - Component

See General Information for Transformers - Component

The devices covered under this category are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. THE FINAL ACCEPTANCE OF THE COMPONENT IS DEPENDENT UPON ITS INSTALLATION AND USE IN COMPLETE EQUIPMENT SUBMITTED TO UL.

USE

This category covers compound filled, exposed core and open core, coil, general purpose and industrial control transformers rated 600 V or less. Step-up, step-down, insulated and autotransformer types, as well as air-cooled reactors, are also included.

CONDITIONS OF ACCEPTABILITY

Consideration is to be given to the Conditions of Acceptability specified in the individual Reports when these components are employed in the end-use equipment.

RELATED PRODUCTS

Transformers of the air cooled, dry, ventilated or nonventilated type are covered under Power and General Purpose Transformers, Dry Type (XQNX2).

Reactors used for dimming, motor-starting autotransformers and variable voltage autotransformers are covered under Power Circuit and Motor-mounted Apparatus (NMTR2).

Voltage regulators are covered under Power Supplies, General Purpose (QQFU2).

Transformers for use in isolated power systems are covered under Isolating Transformers (KEYQ2).

Insulating systems for use in transformers are covered under System Components, Electrical Insulation (OBS2).

Ballasts for mercury lamps and fluorescent lamps are covered under HID Ballasts (FLCR2) and Fluorescent Ballasts (FKVS2), respectively.

Swimming pool transformers are covered under Swimming Pool and Spa Transformers (WDGV2).

Class 2 and Class 3 transformers are covered under Transformers, Class 2 and Class 3 (XOKV2).

REQUIREMENTS

The basic standard used to investigate products in this category is ANSI/UL 506, "Specialty Transformers," or ANSI/UL 5085-1, "Low Voltage Transformers - Part 1: General Requirements," and ANSI/UL 5085-2, "Low Voltage Transformers - Part 2: General Purpose Transformers."

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Last Updated on 2006-09-06

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