



# AUTOTRANSFORMERS OF ALL TYPES

## HELPFUL HINTS

Transformers should be allowed to have access to free air around them. They should not be operated when placed next to a radiator, in a box, under furniture, surrounded in a bookshelf, etc. Transformers are designed to operate and feel quite warm to the touch.

For large appliances whose nameplate shows both "running amps" and "starting amps," use the running amps to figure the wattage (VA) and, therefore, the transformer capacity needed. It is generally less costly (but less convenient) to use one larger transformer for several loads than to have one transformer for each. However, transformers intended for use with a permanently placed, frequently run load, such as a refrigerator, washing machine, etc., should be left attached and used for that load only.

## TRANSFORMER CONSTRUCTION

All TODD SYSTEMS transformers are precision wound and insulated with the latest hi-tech, insulating materials. The core laminations are of high grade annealed silicon steel, designed to keep heating to a minimum. All transformers are impregnated with a modified polyester heat cured varnish which seals the transformer, thus protecting the electrical windings from moisture and contamination. Metal housings are baked enamel finished, and all electrical components such as wire, power cords, switches, receptacles, insulation, etc. are U.L. approved. Every TODD SYSTEMS transformer is thoroughly

tested, twice, and thoroughly inspected to ensure top quality. The result of this use of superior materials, advanced design, and complete 100% testing is long, trouble-free transformer life.

## GUARANTEE

All TODD SYSTEMS transformers are indefinitely guaranteed to be free of defects in materials and workmanship. When operated properly, our transformers will last a lifetime and are guaranteed as such. In the event of a defect, TODD SYSTEMS will repair or replace a defective unit free of charge, pending our inspection, if returned to the factory, prepaid. Of course, transformers that have been misused by overvoltage or overload are not covered by this guarantee, since such abuse will decrease the life of the transformer, causing it to overheat and eventually burn out. **However, our Temp-Guard models have a thermal protector built-in and can never be burned out. The thermal protector will turn the transformer off automatically when overheated, and turn it on again after it cools down.**

## ALL MODELS IN STOCK

Because of our extensive inventory, most TODD SYSTEMS transformers can be shipped the same day. Larger production orders can be scheduled to meet JIT or other delivery schedules. This means that when you need transformers *now*, you get them *now*.

## WALL PLUGS

There are more than 10 different types of plugs in use throughout the world. Your TODD SYSTEMS transformer is available with different foreign plugs for different locations. It may also be had with any type of American plug. If your usage is to be in a country for which we do not stock plugs, it will be necessary to obtain an adapter for the plug you choose which will convert it to that of the local type where it will be used. If an adapter is not available, a qualified electrician should cut off the transformer plug on its power cord and replace it with the proper plug for local use. If the original transformer plug has a third prong grounding pin, make sure the replacement plug also has a grounding connector. TODD SYSTEMS transformers are made in a variety of styles to accommodate many types of equipment (load). A receptacle is generally mounted in the transformer and may be a U.S. type, a foreign type or be lead wires for permanent wiring. Since the load may be plugged directly into the transformer, choose a transformer that suits the load (equipment) that you are adapting.



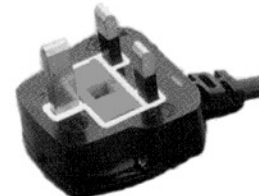
U.S. 115V Grounding



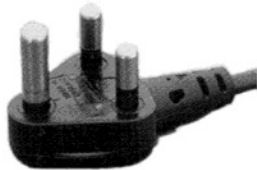
U.S. 220V Tandem Grounding



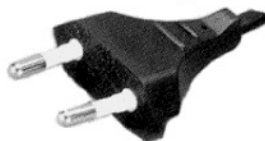
European "Schuko"



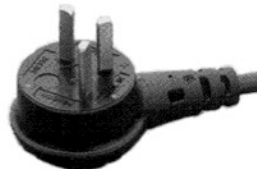
Fused United Kingdom



India, and other old U.K.



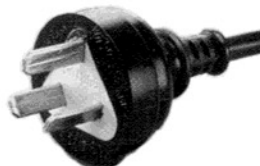
"Euro" cord - 2.5A max. ungrounded



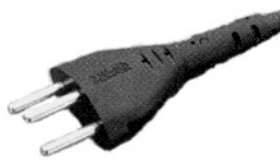
Israel



Italy



Australia



Switzerland



Denmark



Japan

QUALITY ENGINEERED

**TODD SYSTEMS**

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PRECISION BUILT

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