



# General Installation and Operating Instructions for Dry Type Transformer Products

## RECEIVING

Upon receipt of shipment examine the package for damage that may have been sustained in transit. If the shipping container must be opened outdoors, take proper precautions to prevent the entrance of moisture. While unpacking, examine the product for broken or loose parts or other damage. If injury from outside sources is evident, file a damage claim with the transportation company and notify the nearest General Electric Apparatus Sales Office. Tighten any parts which may have become loose during shipment.

## HANDLING

In general, units having a net weight in excess of 50 lb. will have provision for lifting. Damage to the finish and parts may be avoided by using a spreader on lifting chains. Very large units, in addition to lifting holes or lugs, may have provision for rolling, skidding or jacking.

## STORAGE

The storage room should be clean and dry and, when possible, without extreme temperature variations. Before placing a dry-type transformer in service after a period of storage, be sure that it is clean and dry by observing the instructions under "Installation".

## INSTALLATION

The only foundation necessary is a flat surface strong enough to support the weight of the unit. Regardless of the type of mounting surface, permanent and effective grounding of the metal case is recommended as a safety precaution for personnel. Unless specific instructions supplied with the transformer state that it is suitable for outdoor use, installation should be made only in a dry room reasonably free of dust and corrosive fumes. Free circulation of air is essential for the proper operation of all dry-type transformers.

Any accumulations of dirt or dust may be removed by brushing or by blowing dry air on the unit. If moisture is evident by the appearance of rust or mildew, the unit should be dried out by placing it in an oven or by blowing heated air over it. In either case the temperature should not exceed 110° C.

Make only those connections authorized by the nameplate or connection diagram, and do not change connections while the unit is energized.

## MAINTENANCE

In general, dry-type transformer products have no moving parts. The only maintenance required is periodic inspection of connections and removal of accumulated dust, dirt and lint.

## RENEWAL PARTS

Because of the unit structure of small transformers, field repairs are usually uneconomical and no spare and renewal parts are recommended. If conditions of operation dictate the need for stand-by equipment, a complete spare unit is recommended. On larger and more complicated equipments where components replacement may be desirable, contact the nearest General Electric Apparatus Sales Office for information.

## NOTE

These instructions do not purport to cover all details or variations in equipment, nor to provide for every possible contingency to be met in connection with installation, operation and maintenance. Should further information be desired or should problems arise which are not covered sufficiently for the Purchaser's purposes, the matter should be referred to the General Electric Company.

