

## TRADE AND COMMERCE

#### STANDARDS BRANCH

OTTAWA August 30, 1962.

### TYPE APPROVAL

# FERRANTI-PACKARD TYPE "VLA" STEP-UP RATIO AUXILIARY AUTO-VOLTAGE TRANSFORMER

The apparatus specified and illustrated herein has been duly approved by the Standards Branch under the provisions of the Electricity Inspection Act, Chapter 94, R.S. 1952, and may be admitted to verification in Canada.

Apparatus Approved: Type "VIA" Step-Up Ratio Auxiliary Auto-Voltage Transformer, manufactured by Ferranti-Packard Electric Limited, St. Catharines, Ontario.

Rating of Apparatus:

 Primary Voltage
 100.625 volts

 Secondary Voltage
 115 volts

 Ratio
 7:8

 Accuracy Rating
 0.3WXYZ\*

 Frequency
 60 cycles

 Style
 Outdoor

 Thermal Rating
 300 VA 55°C

Description: These transformers are of the auto-transformer type having a single winding in an epoxy-filled metal case with a tap so placed as to give a step-up voltage ratio of 8 to 7, or 115 volts output with 100.625 volts input. The transformer is provided with only three leads of stranded wire, one white and two black. The white lead joins the start of the winding and is common to both primary and secondary and is identified by H1, X1 painted on the case. The tap on the winding is one of the black leads and is identified by H2 denoting the primary. The remaining black lead is connected to the full winding and is identified by X2 denoting the secondary.

This transformer is designed for use as an auxiliary in conjunction with other voltage transformers where it is desired to provide a step-up in voltage. Whenever this transformer is used in cascade with other voltage metering transformers, the existing ratios must be multiplied by the factor 7/8. For example, if used with an 80:1 ratio transformer, the new ratio becomes 80:1 x 7/8 or 70:1.

E. F. Power

E. F. Power, Chief, Electricity and Gas Division, Standards Branch.

R. W. MacLean, Director, Standards Branch.

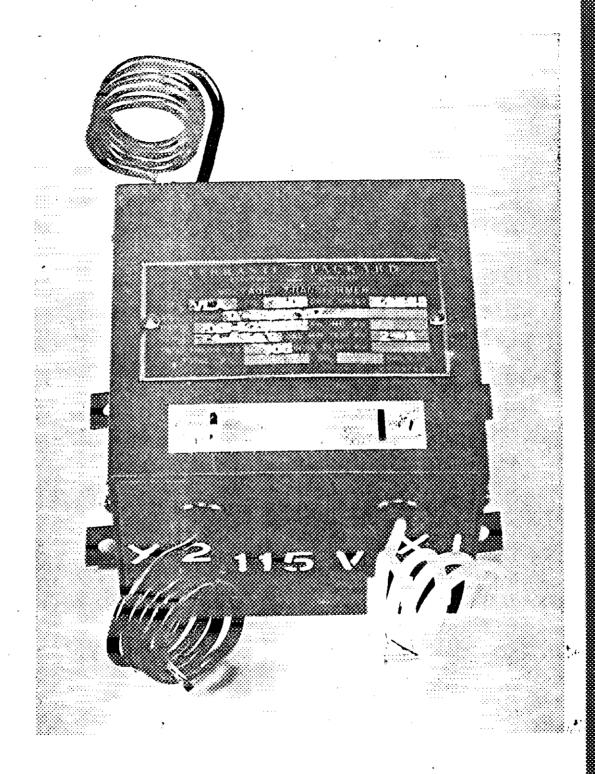
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<sup>\*</sup> marked on nameplate.

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Secure

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