



Department of consumer and corporate affairs / Ministère de la consommation et des corporations



STANDARDS BRANCH - DIRECTION DES NORMES

NOTICE OF APPROVAL

T-88

OTTAWA April 26, 1973.

FERRANTI-PACKARD TYPE "VEA" AUXILIARY VOLTAGE AUTOTRANSFORMERS

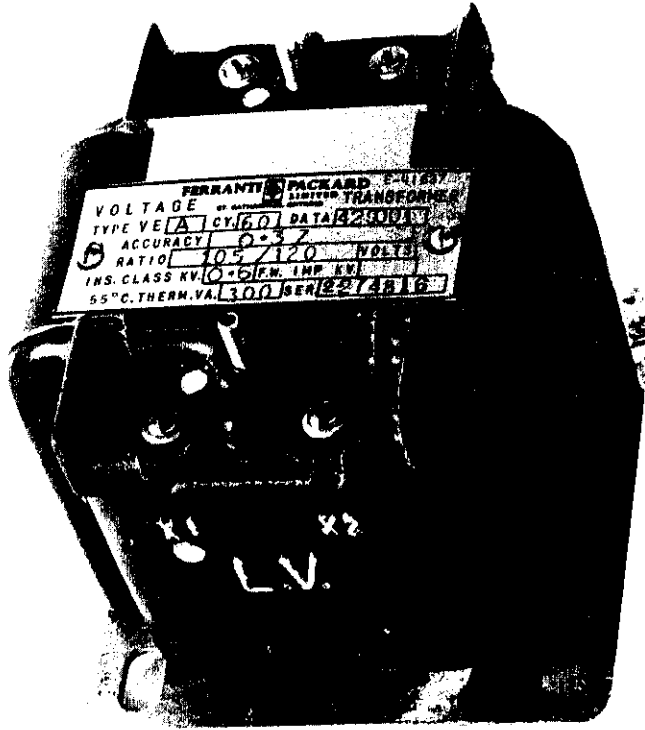
Primary Voltage	105 volts
Secondary Voltage	120 volts
Ratio	7:8
Accuracy Rating at 60 Hz	0.3WXYZ*
Frequency	60 Hz
Voltage Class	600 volts
Burden on Main Transformer	
with W on auxiliary	22 VA 0.24 P.F.
" X " "	39 VA 0.7 P.F.
" Y " "	102 VA 0.83 P.F.
" Z " "	260 VA 0.85 P.F.
Thermal Rating	300 VA
Style	Moulded, indoor, outdoor

* The nameplates are marked 0.3Z

These transformers are moulded design auto-transformers with single tapped windings.

The start of the winding goes to terminals "H1" and "X1"; "H2" is the tap and "X2" is the full winding and the ratio is 7:8 giving 120 volts across X1-X2 with 105 volts applied across H1-H2.

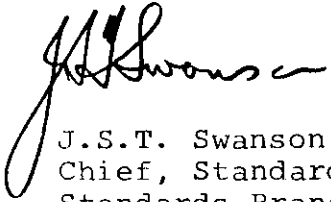
These autotransformers make the burden on the main transformer approximately 1.3 times the value of the burden on the secondary of the autotransformer.



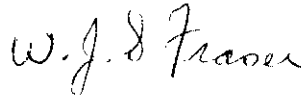
These transformers will be used with certain Type DS 15 Metering Outfits owned by Hydro Quebec to produce 120 volts from the voltage transformers rated at 13860Y/8000-100 volts to get an overall voltage ratio of 70:1. The DS 15 Metering Outfits are covered by NRC 72.

Approval granted to:

Ferranti-Packard Limited,
St. Catharines, Ontario



J.S.T. Swanson, P. Eng.,
Chief, Standards Laboratory,
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W.J.S. Fraser
Chief, Electricity & Gas Division,
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