



DEPARTMENT OF TRADE AND COMMERCE
STANDARDS BRANCH

T-9

OTTAWA February 8, 1966.

NOTICE OF APPROVAL

FOR

FERRANTI-PACKARD TYPES "VU5", "VC5", "DC5", "VU8.7", "VC8.7" & "DC8.7"
VOLTAGE TRANSFORMERS

Apparatus

Primary Voltages

VU5, VC5 & DC5	2400/4160Y, 4200 and 4800 volts
VU8.7, VC8.7 & DC8.7	4200/7280Y, 4800/8320Y, 7200 and 8400 volts
Secondary Voltage	120 volts all ratings

Accuracy Class

VU5, VC5 & DC5	0.3*WXY;0.6Z: 0.3*WXY;1.2Z
VU8.7, VC8.7 & DC8.7	0.3*WXY;0.6Z

Insulation Class

VU5, VC5 & DC5	5 Kv
VU8.7, VC8.7 & DC8.7	8.7 KV

Frequency 60 cycles

Style

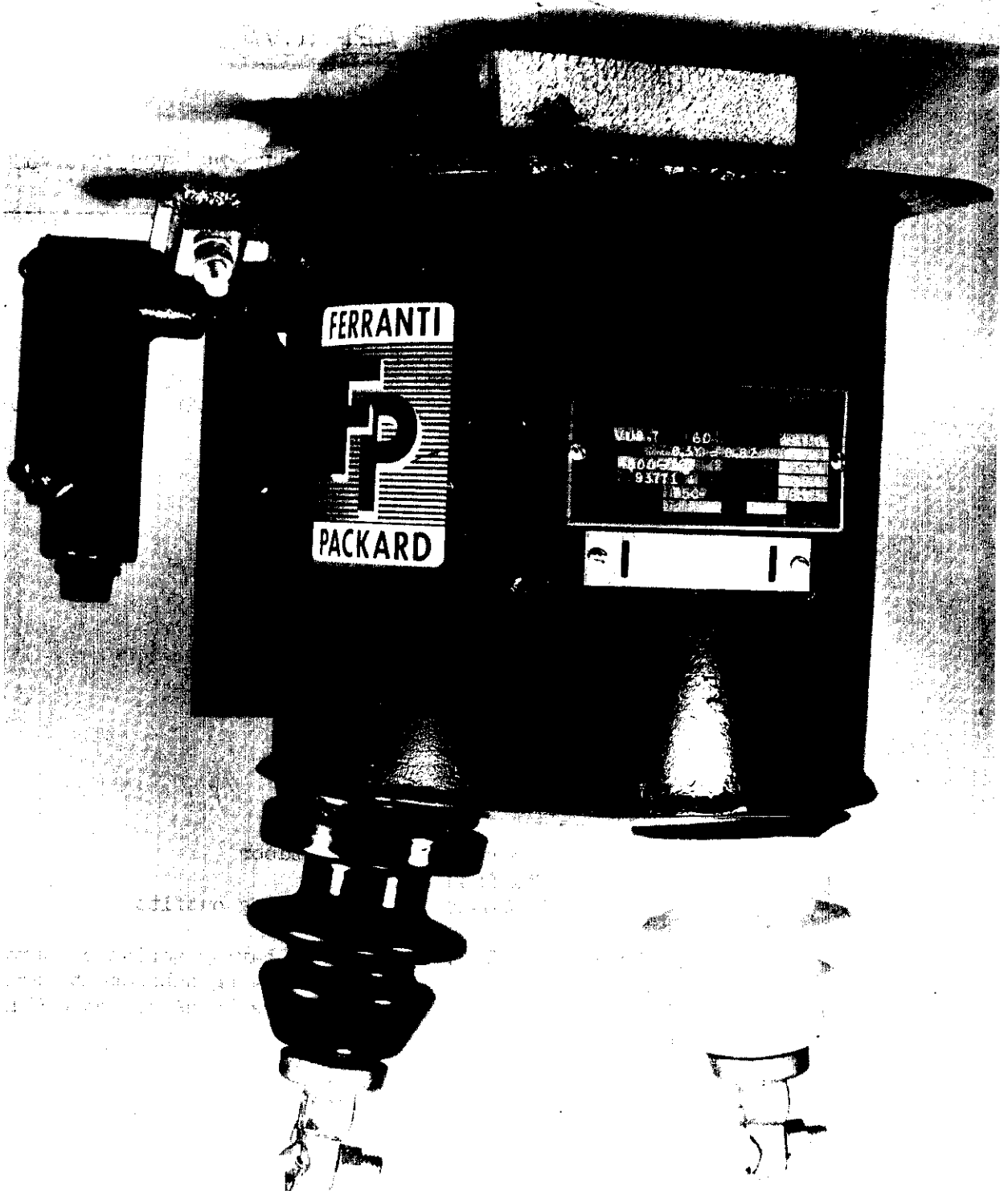
VU5, VU8.7	Compound filled, outdoor
VC5, VC8.7	Oil insulated
DC5, DC8.7	Compound filled metering outfits

* Nameplates of the types VU5, VC5 and DC5 having serial numbers prior to 2-64200 are marked 0.3Y; 1.2Z, those having subsequent serial numbers will be marked 0.3Y;0.6Z. The nameplates of the 8.7 kv types will be marked 0.3Y;0.6Z.

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FERRANTI-PACKARD TYPES "VU5", "VC5", "DC5", "VU8.7", "VC8.7" & DC8.7"
VOLTAGE TRANSFORMERS

T-6



Description

The core and coil design is the same for all types in that the major insulation is crepe paper tape and the core is lockwound shell type construction. These units may be mounted singly for single phase equipment or on a common core frame for use in polyphase metering outfits.

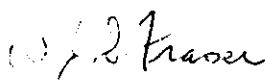
The types VU5 and VU8.7 have the core and coil assembly put in a metal case hermetically sealed and filled with compound under vacuum. Porcelain bushings are provided for the high voltage leads and a condulet for the secondary leads.


Types VC5 and VC8.7 oil insulated units are used in types CSS5 and CSS8.7 polyphase metering outfits and when types VU5 and VU8.7 are used in a compound filled metering outfit they are designated as types DC5 and DC8.7 respectively.

5 Kv units having serial numbers subsequent to 2-64200 are constructed using a revised core and coil design producing a higher accuracy which is reflected in the accuracy rating on the nameplate.

This circular covers 8.7 Kv units together with 5 Kv ratings previously covered by S-EA.506 (amended).

Approval granted to Ferranti-Packard Electric Limited,
St. Catharines,
Ontario.


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Ref: SL-100-65A