



DEPARTMENT OF TRADE AND COMMERCE  
STANDARDS BRANCH

**T-22**

OTTAWA November 3 19 66.

NOTICE OF APPROVAL

FOR

CANADIAN GENERAL ELECTRIC TYPES PV-1.2, PV-2.5, PV-5, PV-8.7, PV-15, NV-1.2, NV-2.5, NV-5, NV-8.7, NV-15, VOLTAGE TRANSFORMERS

APPARATUS

Primary Voltages

PV-1.2,	NV-1.2,	1200, 600, 480,
PV-2.5,	NV-2.5,	2400,
PV-5,	NV-5,	4800, 4200, 2400, 600, 480,
PV-8.7,	NV-8.7,	7200, 4800,
PV-15,	NV-15,	14400, 12000, 8400, 7200, 4800.

Secondary Voltages

(all types)

120 and 120/120 single and double secondary, or 115 and 115/115 but having the same ratios.

Accuracy Class

PV-1.2,	PV-5,	PV-8.7,)	(0.3 WXY; 0.6Z single secondary
NV-1.2,	NV-5,	NV-8.7,)	(0.6 WXY; 1.2Z double secondary
PV-15,	NV-15,		*0.3 WXYZ single and double secondary.

Voltage Class

Kilovolt insulation class incorporated in type designation.

Wire	2
Frequency	60Hz
Style	Dry Indoor.

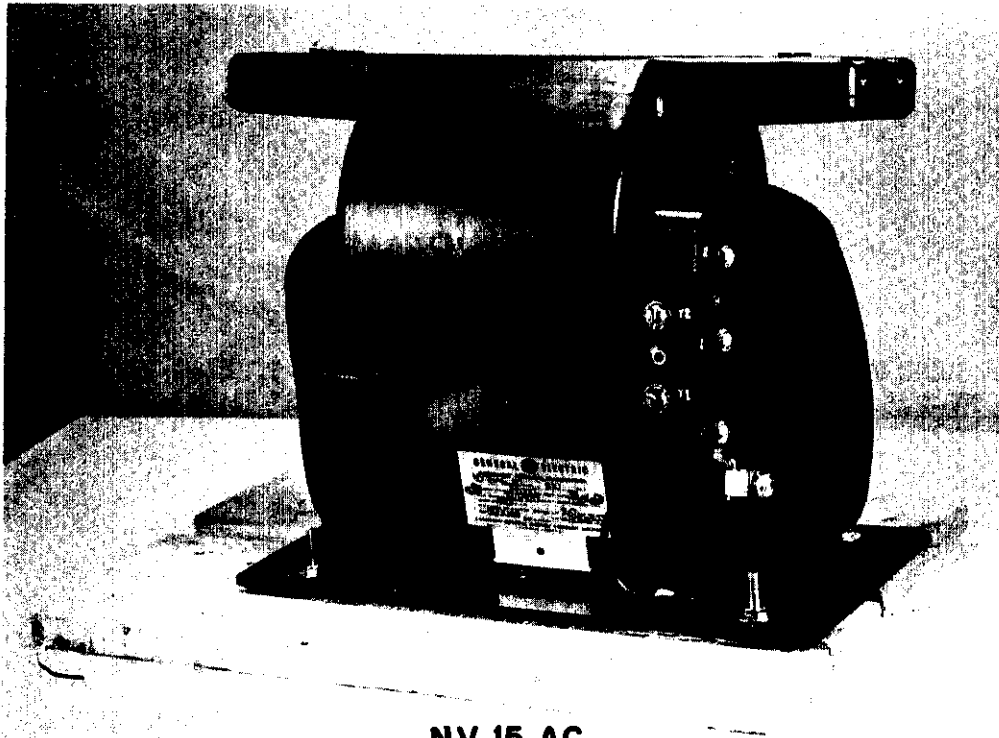
\* Applies to either secondary with the other unloaded or loaded with z burden.

# Approved variations indicated by suffix to type designation.

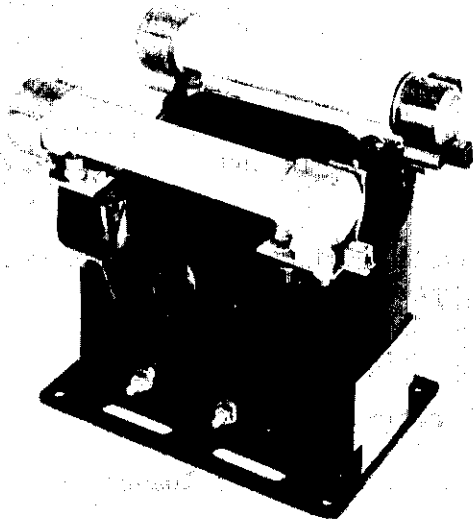
"A"	unfused
"F"	fused
"C"	high voltage terminal H2 grounded
"B"	primary terminal position changed.

CANADIAN GENERAL ELECTRIC TYPES PV-1.2, PV-2.5, PV-5, PV-8.7, PV-15,  
NV-1.2, NV-2.5, NV-5, NV-8.7, NV-15. VOLTAGE TRANSFORMERS.

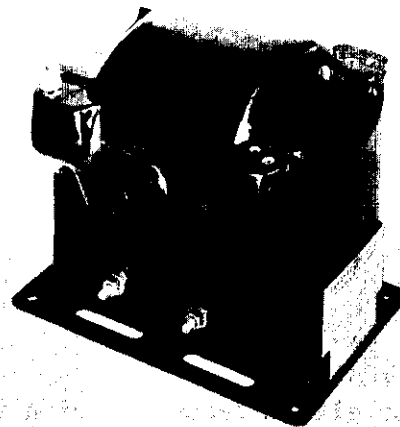
T-22



NV 15 AC



PV-5F



PV-5A

# All units covered by this circular will have one or more of the above letters as suffix in the type designation. e.g., "NV-15AC" open core, 15KV insulation unfused with H2 grounded.

NOTE: The use of the above letters distinguishes the transformers covered by this approval from the "PV-5" ratings covered by circulars SD-EA.184 and S-EA.570 which have different accuracy ratings and do not have a letter suffix.

#### DESCRIPTION

These transformers are designed for indoor service and have a single primary winding and a single or a double secondary winding.

The type "PV-" have the entire core and coil assembly impregnated and moulded in a thermosetting plastic material. The type "NV-" have coil only impregnated and moulded, the core being exposed.

Primary and secondary terminals are fixed studs or inserts moulded in the plastic, the polarities being indicated by white plugs. The primary terminals are marked by "H1" and "H2" and the secondary terminals by "X1 and X2" for units with a single secondary and by "X1", "X2", "Y1", "Y2" for units with double secondary.

This circular supersedes circulars S-EA.150A, S-EA.571 (amended) and S-EA.634 to include type "NV-" units with open core.

Approval granted to: Canadian General Electric Company Limited,  
Toronto, Ontario.

*W.J.S. Fraser*  
W.J.S. Fraser,  
Chief, Standards Laboratory,  
Standards Branch.

*K. Cryer*  
K. Cryer  
Chief, Electricity & Gas Division,  
Standards Branch.

Ref: SL-100-361K