S-EA.525

TRADE AND COMMERCE
CANADA

STANDARDS BRANCH

OTTAWA September 25, 1961.

TYPE APPROVAL

GENERAL ELECTRIC TYPES "JVW-4" AND "JVW-5" VOLTAGE TRANSFORMERS

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

Apparatus Approved: Types "JVW-4" and "JVW-5" Voltage Transformers, manufactured by the General Electric Company, Schenectady, N.Y., U.S.A., and sold in Canada by the Canadian General Electric Company Limited, Toronto, Ontario.

Rating of Apparatus:

Primary Voltage:	"JVW-4"	2400, 4200, 4800, 7200 volts
	"JVW-5"	7200, 8400, 12000, 14400 volts
Secondary Voltage		120 volts
Accuracy Class		0.3WXYZ*; 1.2ZZ
Voltage Class:	"JVW-4"	8.7 KV
	"JVW-5"	15 KV
Wire		2
Phase		1
Frequency		60 cycles
Style		Dry, Outdoor

* 0.3Z marked on nameplate.

Description: These voltage transformers are designed for outdoor service and are of wound primary construction with single primary ratings. The manufacturer specifies a high grade silicon steel for use in the core. The entire core and coil assembly is moulded in a tough resilient butyl rubber compound to resist oxidation, arc-tracking and moisture. The secondary terminals are of the threaded stud type and are located in a protective compartment, moulded into the side of the transformer, with a stainless steel cover. The solderless type primary terminals are tin-plated bronze and are suitable for both copper and aluminum leads. Polarity markings for both primary and secondary are permanent, being moulded into the butyl. Polarity is subtractive.

R. W. MacLean,
Director,
Standards Branch.

(for) J.R. Gardiner
E. F. Power,
Chief, Electricity & Gas Division
Standards Branch.

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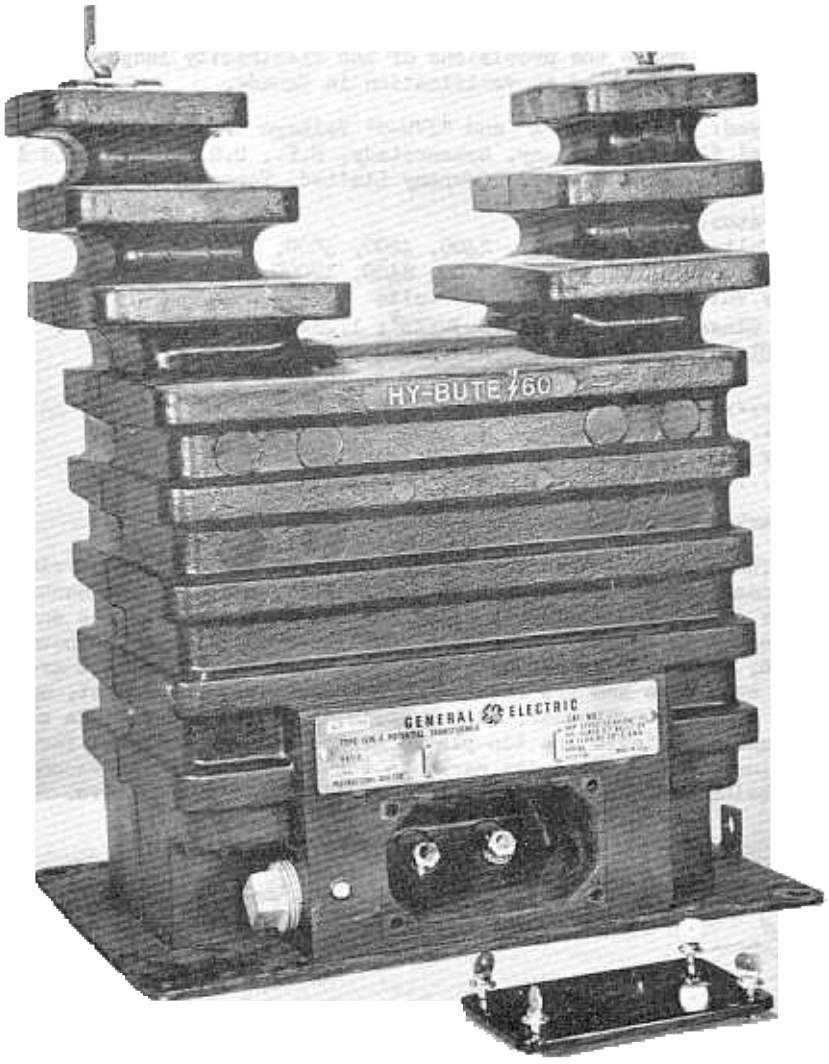
GENERAL ELECTRIC TYPE "JVW-4" VOLTAGE TRANSFORMER