



**NOTICE OF APPROVAL
AVIS D'APPROBATION**

T-118

Ottawa, January 4, 1977

GENERAL ELECTRIC TYPES "JVT" AND "JVS"
VOLTAGE TRANSFORMERS

Transformer Data

Type	Insul Class (kV)	Primary Connections	Primary Voltage	Secondary Voltages	Number of Secondaries
JVT-150	25	Line to Line	24000	120	1 or 2
JVT-200	34.5	"	27600	115	"
JVT-200	34.5	"	34500	115	"
JVT-250	46	"	46000	115	"
JVT-350	69	"	69000	115	"
JVS-150	25	Line to Gnd.	14400	120-72	2 (tapped)
JVS-200	34.5	"	20125	115-67.08	"
JVS-250	46	"	27600	115-69	"
JVS-350	69	"	40250	115-67.08	"

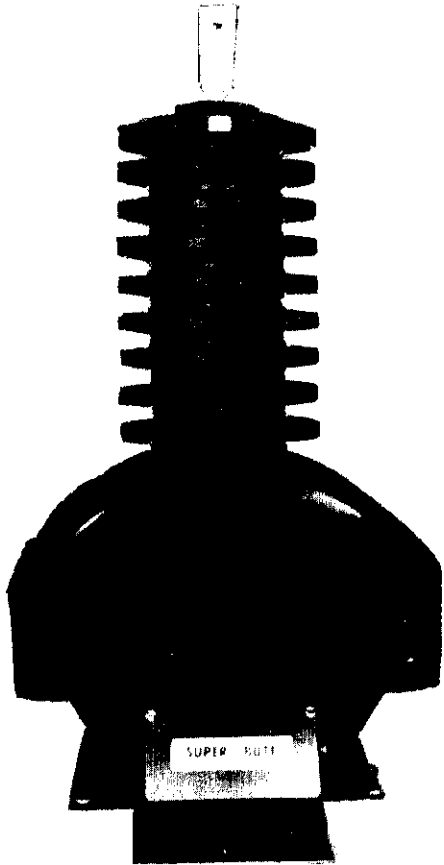
Accuracy rating @ 60 Hz
Frequency
Style

* 0.3ZZ
60 Hz
moulded, indoor or outdoor.

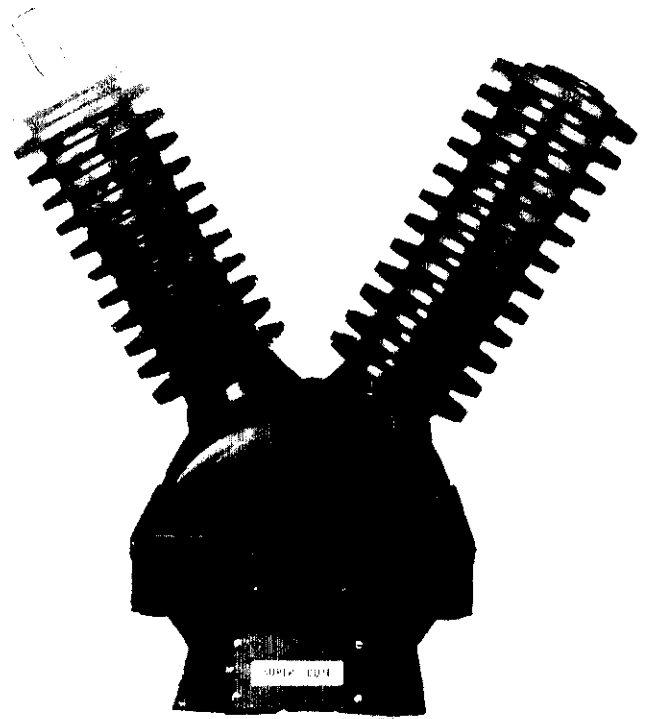
* This rating applies to the tap as well as the full winding. Where there are two secondaries, the accuracy rating applies to either coil with the other unloaded, or for any burden distribution up to a total of ZZ divided between the two coils.

Description

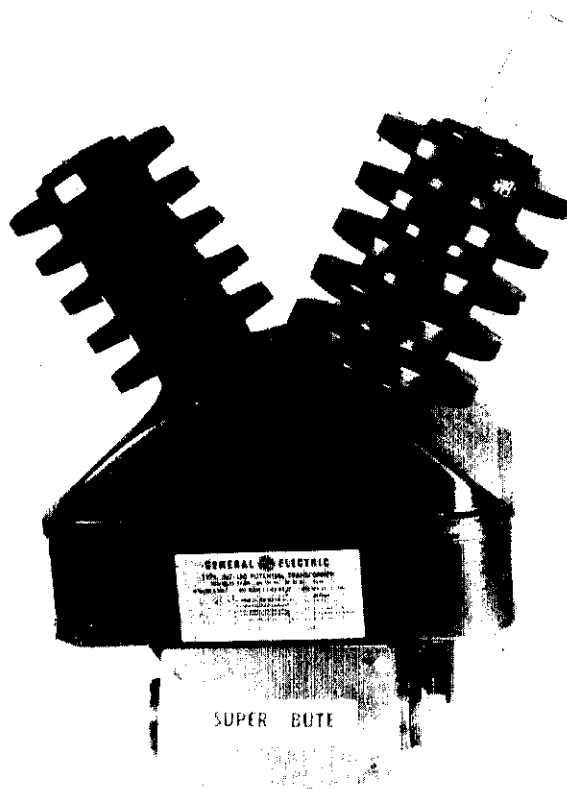
The Types JVT and JVS are dry, butyl-moulded transformers, suitable for indoor or outdoor use and can be mounted at any angle from vertically upright to upside down.



JVS-250



JVT-350



JVT-150

The core and coils are cast in epoxy resin, with the primary lead(s) extending upwards inside the bushing(s) to the terminal(s) at the top.

The secondary leads are brought out to terminals in a weather-proof, detachable box located on one side near the bottom of the transformer. Except for this box and the metal base, the entire transformer is encased in butyl.

The Type JVT is designed for line to line primary connections, and has two bushings mounted on top of the transformer in a "V" configuration. They are not approved for line to ground primary connections at operating voltages of 58% of nominal.

The terminals for the secondary winding are marked X1 and X2, and where there is a tertiary winding, its terminals are marked Y1 and Y2. The X1 and Y1 terminals identify with the primary H1 terminal for correct polarity relationship.

The secondary coils can be used singly; separately, each with its own burden, or connected in parallel for a higher VA rating. (Connection links are provided for this arrangement.)

The Type JVS is designed for line to ground primary connections, and has only one bushing which may be positioned vertically with respect to the transformer body, or at a slant, forming half the "V" configuration of the JVT configuration.

The H2 end of the primary winding is connected to an insulated terminal in the case and a metal strap is provided for connecting this terminal to the ground connector at the back near the bottom of the transformer.

There are two tapped secondary windings, of which the marked terminals are X1 and Y1 for the high ratio, and X2 and Y2 for the low ratio.

Approval granted to

Canadian General Electric Co. Ltd.,
Guelph, Ontario.



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