



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



STANDARDS BRANCH - DIRECTION DES NORMES

NOTICE OF APPROVAL

T - 83

OTTAWA July 27, 1972

GENERAL ELECTRIC TYPE "JVA-O" VOLTAGE TRANSFORMERS

Primary Voltages	120, 240, 288, 300, 360, 480, and 600 volts
Secondary Voltages	69.4 volts (58% of Rated Voltage) - and 120 volts, single secondary
Ratios	1:1, 2:1, 2.4:1, 2.5:1, 3:1, 4:1, 5:1
Accuracy Rating at 60 Hz	at 120 volts at 69.4 volts
for all Ratios	0.3WX*, 0.6Y 0.6WX
Frequency	60 Hz
Nominal Voltage Class	0.6 kv
55°C Thermal Rating	300 va
Style	Indoor and Outdoor, molded

- * The Accuracy Rating marked on the nameplate is 0.3WX which is applicable to a secondary voltage of 120 volts only.

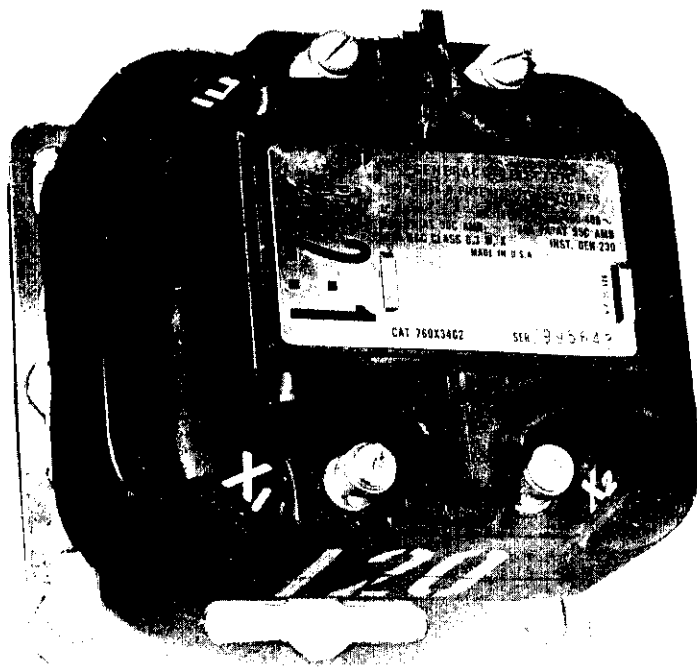
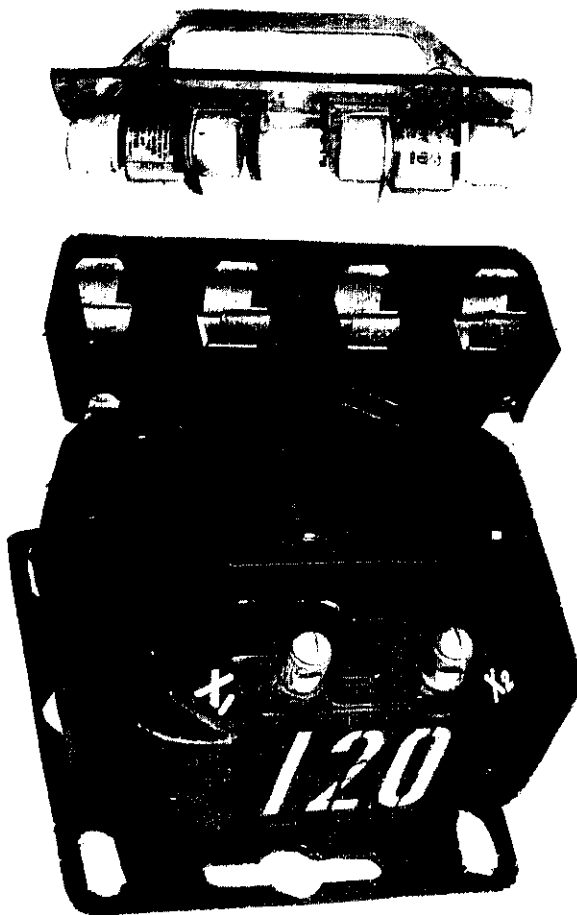
The Accuracy Rating for a secondary voltage of 69.4 volts is not marked on the nameplate.

Description

The type "JVA-O" has the skeleton core and coil assembly encapsulated in epoxy resin and the external case of the transformer is molded in HY-BUTE 60 insulation. The epoxy resin provides the strong internal, mechanical support to hold the component parts in their proper positions, while the HY-BUTE 60 insulation encases these components.

These transformers are constructed with a removable stainless-steel base.

They are available fused or unfused.



Primary and secondary terminals are located on top of the transformer and consist of tin-plated, brass posts with holes to accommodate No. 6 to No. 14 wire sizes. The brass screws for securing wires to the posts are also tin-plated.

The primary terminals, identified as H_1 and H_2 are engraved in the butyl mold and painted white.

Similarly the secondary terminals are marked X_1 and X_2 .

The terminals are provided with a transparent plastic cover.

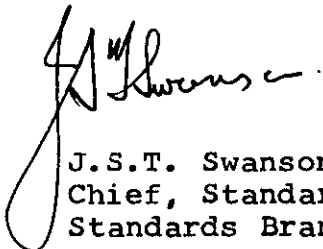
The permanently molded primary and secondary polarity markings are painted white for better visibility.

Each transformer has the primary and secondary voltages stenciled in large, orange digits on the butyl surface directly below the terminal locations.

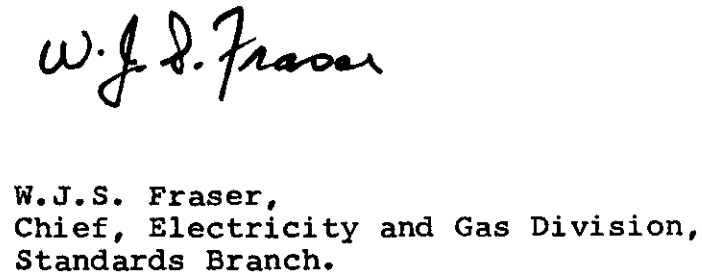
This type "JVA-O" voltage transformer is manufactured by the General Electric Company, New Hampshire, U.S.A., and distributed in Canada by C.G.E.

Approval granted to:

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



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