



DEPARTMENT OF TRADE AND COMMERCE  
STANDARDS BRANCH

**T-37**

OTTAWA May 3, 1968.

NOTICE OF APPROVAL

FOR

CANADIAN GENERAL ELECTRIC TYPES "CT-5", "CT-8.7", "CT-15",  
"CT-25", "CTD-5", "CTD-8.7", "CTD-15", "CTD-25", "CTL-5",  
"CTL-8.7", "CTL-15", "CTL-25", "CTLD-5", "CTLD-8.7", "CTLD-15",  
AND "CTLD-25" CURRENT TRANSFORMERS

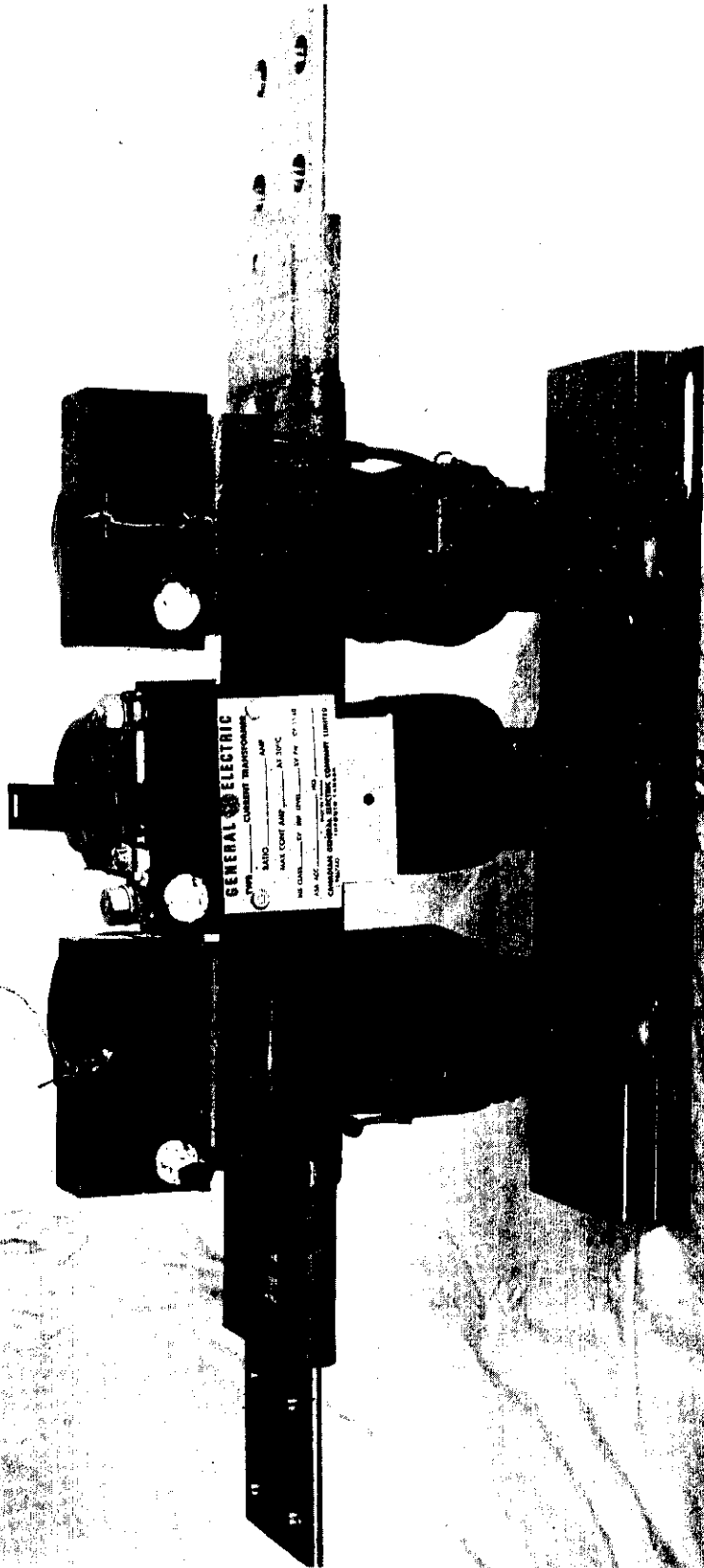
Apparatus

Primary Currents	600, 800, 1000, 1200, 1500, 2000, 2500, 3000, 4000, 5000, and 6000 amperes.#
Secondary Current	5 amperes (each secondary or #tap)
Accuracy Rating at 60 hz	
600 & 800 amperes	0.3B0.1, B0.2; 0.6B0.5*
1000, 1200 & 1500 amperes	0.3B0.1, B0.2, B0.5, B0.9; 0.6B1.0
2000 to 6000 amperes	0.3B0.1, B0.2, B0.5, B0.9, B1.0, B(2x0.9), B2.0
Voltage insulation class <sup>o</sup>	included in type designation
Frequency	60 hz
Wire	2
Type designation	
CT-	Single secondary winding
CTD-	Multiple secondary windings
CTL-	Single tapped secondary winding
CTLD-	Multiple tapped secondary windings
R.F. (rating factor)	1.0
Style	Dry, indoor

# Transformers may have 1, 2, 3 or more secondary windings.

\* Accuracy rating marked on the nameplate.

o The voltage insulation class forms part of the type designation, e.g., "CTLD-15", unit with multiple tapped secondary windings and 15 kv primary insulation.



### Description

This circular covers the 60 hz ratings receiving approval under circular SD-EA.257 together with transformers having tapped single and multiple secondary windings.

A transformer may consist of one or more core and coil assemblies mounted on a base so that in the case of multiple secondaries, all the openings are in line. In all cases, the primary is a single conductor.

A transformer may have any number of identical cores and windings, although three is the most common, and each winding may be untapped or may be tapped for any combination of the ratios listed.

The transformers may be either "bar" or "through" type and in the latter case the opening may be round or rectangular.

If one of the primary currents is 600 or 800 amperes, the accuracy rating marked on the nameplate will be 0.6B0.5, and if the other primary current is 1000 amperes or higher the nameplate will be marked 0.3B0.9 in addition.

High grade silicon steel is used in the cores and the entire core and coil assembly is painted.

A manually-operated short-circuiting switch and terminal cover with sealing device is provided.

The polarity of the primary is indicated by a white dot on the primary bar insulation or on the coil face on the primary entrance side in the case of the through type. Secondary polarity is indicated by a white dot moulded adjacent to the common terminal X1.

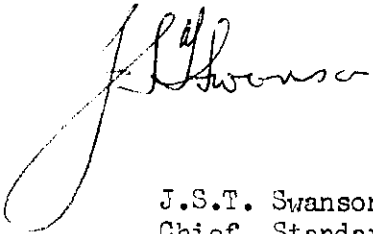
The transformers covered by this approval should not be confused with the types "CTW-", "CTDW-", "CTLW-" and "CTLDW-" covered by circular T-4 as they are entirely different.

In the case of transformers with tapped secondary windings, the common secondary terminal is "X1"; the other terminals "X2", "X3" etc. will be in order of increasing ratio.


In the case of transformers with multiple secondaries, any unused secondary winding must be short-circuited.

Approval granted to

Canadian General Electric Company Limited,  
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