DEPARTMENT OF TRADE AND COMMERCE

STANDARDS BRANCH

CANADA

T-4

OTTAWA October 7, 19 65.

NOTICE OF APPROVAL

FOR

CANADIAN GENERAL ELECTRIC TYPES "CTW-", "CTDW-", "CTLW-" and "CTLDW-" 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 Class	
600 and 800 amperes	0.3B0.1, B0.2; 0.6B0.5, B0.9*
1000, 1200 and 1500 amperes	0.3B0.1, B0.2, B0.5, B0.9*, B(2x0.9) B1.0; 0.6B2.0
2000-6000 amperes inclusive	0.3B0.1, B0.2, B0.5, B0.9*, B(2x0.9), B1.0, B2.0
oVoltage insulation classes	5 Kv, 8.7 Kv, 15 Kv, 25 Kv, 34.5 Kv, 46Kv and 69 Kv.
Phase	1
Wire	2
Frequency	60 cycles
Type description	
CTW	Units with single secondary winding
CTDW	Units with multiple secondary windings
CTLW	Units with single tapped secondary winding
CTLDW	Units with multiple tapped secondary windings
R.F. (rating factor)	1.5

* Accuracy marked on the nameplate

o The voltage insulation class forms part of the type designation, e.g., "CTLW-15" unit with single tapped secondary winding and 15 Kv primary insulation.

Description

These transformers are designed for outdoor use, the primary being a bar passing through the transformer and porcelain sleeves, these latter varying in length with the voltage rating. Where the customer desires to mount these units on an existing bus structure, the bars are omitted, and they would be supplied as through type. The core and coil assembly in all cases is installed in a weatherproof compound filled tank.

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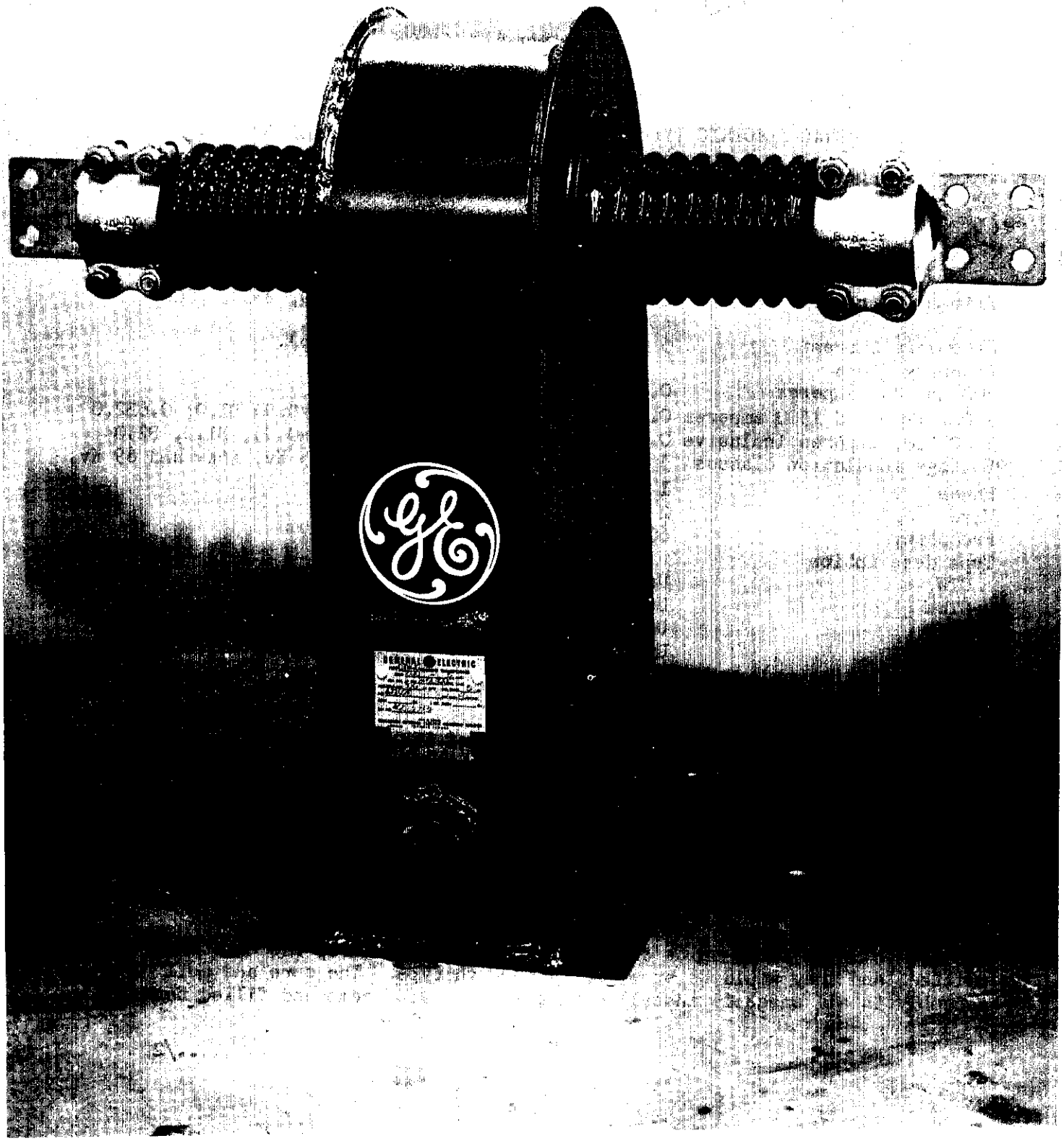
CURRENT TRANSFORMERS



Description Con'd.

The primary polarity is indicated by an identification tag marked "HI" attached to the LH side of the tank as you face the nameplate. The secondary terminals are in a bottom compartment of the tank, and will be marked X1, X2 for units with untapped secondaries, and X1, X2, X3 for units with tapped secondaries. X1 is the polarized terminal in all cases and is further identified with a white dot.

Marked on the nameplate of each unit will be a diagram of connections.

Tapped units may be supplied for any two of the primary currents listed, e.g., 600 and 1000 amperes, and the accuracy class will apply to the particular current ratings.

This circular supersedes circular S-EA.563 to include units with higher voltage insulation classes, units with tapped secondary windings and units whereon the accuracy class has been changed from B0.5 to B0.9. Consequently units may be encountered which have the accuracy at burden B0.5 marked on the nameplate.

Approval granted to: The Canadian General Electric Company Limited,
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Ref: SL-100-482