



TRADE AND COMMERCE
CANADA

STANDARDS BRANCH

3-EA.563

OTTAWA September 25, 1962.

TYPE APPROVAL

CANADIAN GENERAL ELECTRIC TYPES "CTW-5", "CTW-8.7", "CTW-15",
"CTDW-5", "CTDW-8.7" AND "CTDW-15" CURRENT 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 "CTW-5", "CTW-8.7", "CTW-15", "CTDW-5", "CTDW-8.7" and "CTDW-15" Current Transformers, manufactured by the Canadian General Electric Company Limited, Toronto, Ontario.

Rating of Apparatus:

Primary Current	600, 800, 1000, 1200, 1500, 2000, 2500, 3000, 4000, 5000, 6000 amperes
Secondary Current:	
(Type "CTW")	5 amperes
(Type "CTDW")	5/5 amperes or 5/5/5 amperes
Accuracy Class:	
(at 600 and 800 amperes)	0.3B0.1, 0.3B0.2, 0.6B0.5*
(at 1000, 1200 and 1500 amperes) ..	0.3B0.1, 0.3B0.2, 0.3B0.5*, 0.6B1.0
(at 2000 amperes and higher)	0.3B0.1, 0.3B0.2, 0.3B0.5*, 0.3B1.0, 0.3B2.0
Rated Voltage:	
(Types "CTW-5", "CTDW-5")	5 KV
(Types "CTW-8.7", "CTDW-8.7")	8.7 KV
(Types "CTW-15", "CTDW-15")	15 KV
Phase	1
Frequency	60 cycles
Style	Dry type

* Accuracy marked on nameplate.

Description: The types "CTW-5", "CTW-8.7" and "CTW-15" are designed for outdoor service, and are similar except for voltage rating and have single 5-ampere secondaries. The types "CTDW-5", "CTDW-8.7" and "CTDW-15" are similar except for voltage rating, and are similar to the above except that they may have 5/5 or 5/5/5 ampere secondaries, i.e., double or triple secondary windings.

The primary consists of a bar or tube through a porcelain sleeve or, where customers desire to mount on existing bus-bar, they are through type. The manufacturer specifies high grade silicon steel for use in the cores.

These transformers use the internal construction of the type "CT" or "CTD" transformers covered by Approval SD-EA.257 dated August 8, 1956. The core and coil assembly is mounted in a weatherproof compound filled metal tank

...../p.t.o.

for outdoor service. The secondary terminals are in a bottom compartment of the transformer which is provided with conduit openings.

R. W. MacLean
R. W. MacLean,
Director,
Standards Branch.

(Ref: A-482A)

E. F. Power
E. F. Power,
Chief, Electricity and Gas Division,
Standards Branch.

C.G.S. TYPE "CTM-5" OUTDOOR THROUGH TYPE CURRENT TRANSFORMER
COMPOUND FILLED WITH PRIMARY BAR



