

TRADE AND COMMERCE
CANADA

STANDARDS DIVISION

OTTAWA.....October 23, 1953.

TYPE APPROVALCANADIAN WESTINGHOUSE TYPE "CT" CURRENT TRANSFORMER

The apparatus specified and illustrated herein has been duly approved by the Standards Division under the provisions of The Electricity Inspection Act, Chapter 22, 1928, as amended, and may be admitted to verification in Canada.

Apparatus Approved: Type "CT" Current Transformer, manufactured by the Canadian Westinghouse Company Limited, Hamilton, Ontario.

Rating of Apparatus:


Primary Current 10, 15, 20, 25, 30, 40, 50, 75, 100, 150,
200, 300, 400, 600, 800 amperes
Secondary Current 5 amperes
Voltage Rating 5 KV, 8.7 KV, 15 KV, 25 KV
Accuracy Rating ASA 0.3B0.1, 0.3B0.2, 0.3B0.5*
Wire 2
Frequency 25 to 60 cycles
Style Dry Indoor

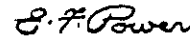
* marked on nameplate.

Description: The type "CT" line of transformers is of the dry indoor type with wound primary. The core is of the type "C" construction and uses "Hipersil", a cold rolled, grain oriented electrical steel, to reduce size and weight. The secondary coil is wound on a Micarta tube and is assembled inside the insulated primary coil. Polarity marks are white porcelain buttons located opposite corresponding primary and secondary terminals. The secondary terminal block is mounted on the side of the winding near the top of the transformer and the terminals are of the "solderless connector" type. The secondary terminal shorting device is of standard Westinghouse design and the transparent plastic terminal cover can be arranged for either automatic or manual shorting.

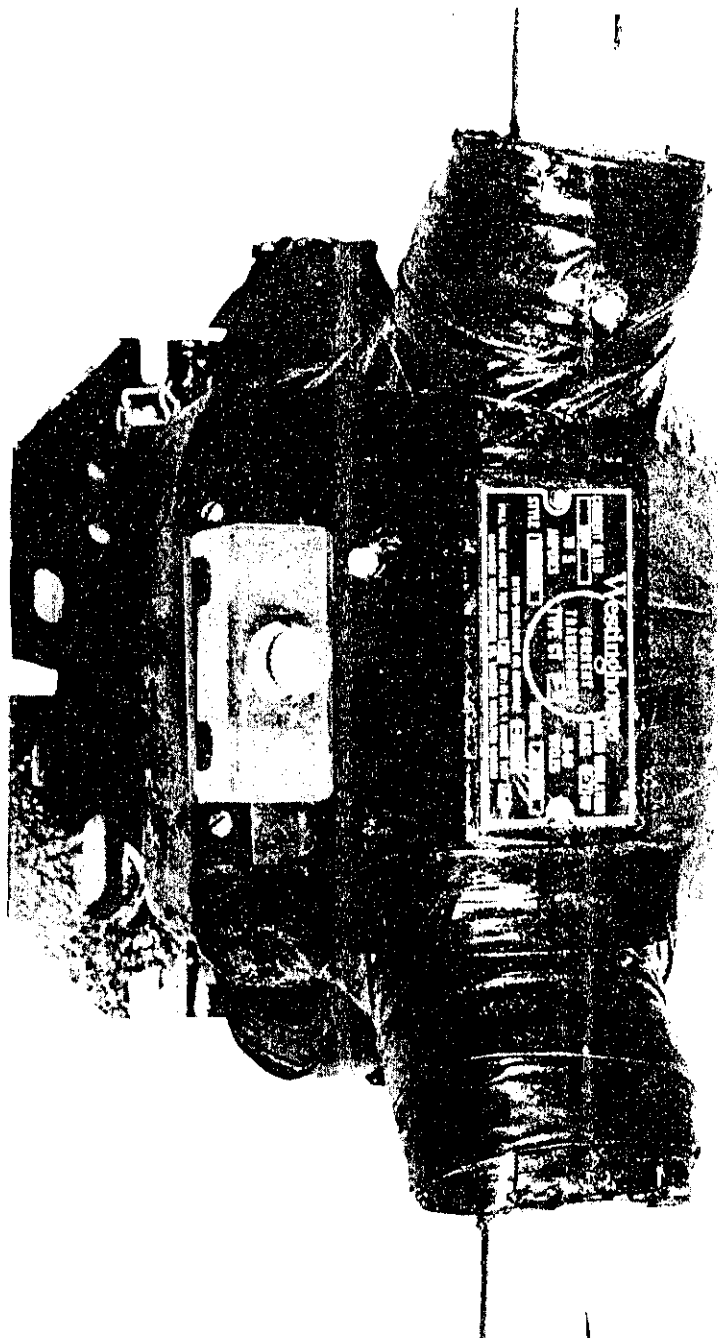
Approval is granted for four voltage ratings, namely, 5 KV, 8.7 KV, 15 KV, and 25 KV. The voltage class is included in the full type designation on the nameplate, e.g. "CT-25" for the 25 KV rating. Approval covers "standard units" only and does not embrace types with double secondaries or primaries or "special units" designed primarily for relaying.

Note:- The core which Canadian Westinghouse designates as type "C" is essentially a wound core which has been cut in half in order to insert the coils. After the coils are placed, the cut ends are butted together and the whole core bound with steel straps.


R. W. MacLean,
Director,
Standards Division.


E. F. Power,
Assistant Director (E&G),
Standards Division.

Ref: A-312



WESTINGHOUSE TYPE "CT" CURRENT TRANSFORMER

SD-EA.125