

TRADE AND COMMERCE
CANADA

SD-EA.126

STANDARDS DIVISION

OTTAWA, October 23, 1953.

TYPE APPROVALCANADIAN WESTINGHOUSE TYPE "CT-2.5" 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-2.5" Current Transformer, manufactured by the Canadian Westinghouse Company Limited, Hamilton, Ontario.

Rating of Apparatus:

Primary Current 10, 15, 25, 40, 50, 75, 100, 150, 200, 300,
400, 600, 800 amperes
Secondary Current 5 amperes
Voltage Rating 2.5 KV
Accuracy Rating ASA 0.3B0.1, 0.3B0.2, 0.3B0.5*
Frequency 25 - 60 cycles
Style Dry Indoor
Wire 2
* marked on nameplate.

Description: The type "CT-2.5" current transformer is designed for indoor metering, relaying and other applications for operation on circuits up through 2890/5000 Y volts. The transformers are approved for burdens up to 12.5 VA, 0.9 p.f. Although smaller in size, the general construction and appearance is similar to the type "CT" current transformers having voltage ratings of 5, 8.7, 15 and 25 KV. The secondary coil is wound on a Micarta tube and assembled inside the insulated primary coil. Hipersil core steel is used in the core which is of the type "C" construction. (This type core is a wound core which has been cut in half to form two "C"'s so that the coil may be inserted.) Each primary terminal has two bolt holes, one of which is slotted permitting the use of terminals of various sizes. The primary terminals are silver-plated. The secondary terminals are of the "solderless" type and are mounted on Cupaloy terminal supports. They will accommodate from No. 6 to No. 14 wire. The standard Westinghouse secondary short-circuiting device, with plastic cover, is used. This may be arranged for either automatic or manual operation. Holes are provided in the one-piece mounting base which may be used for flat surface mounting or pipe frame mounting by means of U-bolts. Polarity is indicated by white porcelain buttons imbedded in the tape insulation adjacent to the appropriate terminals.

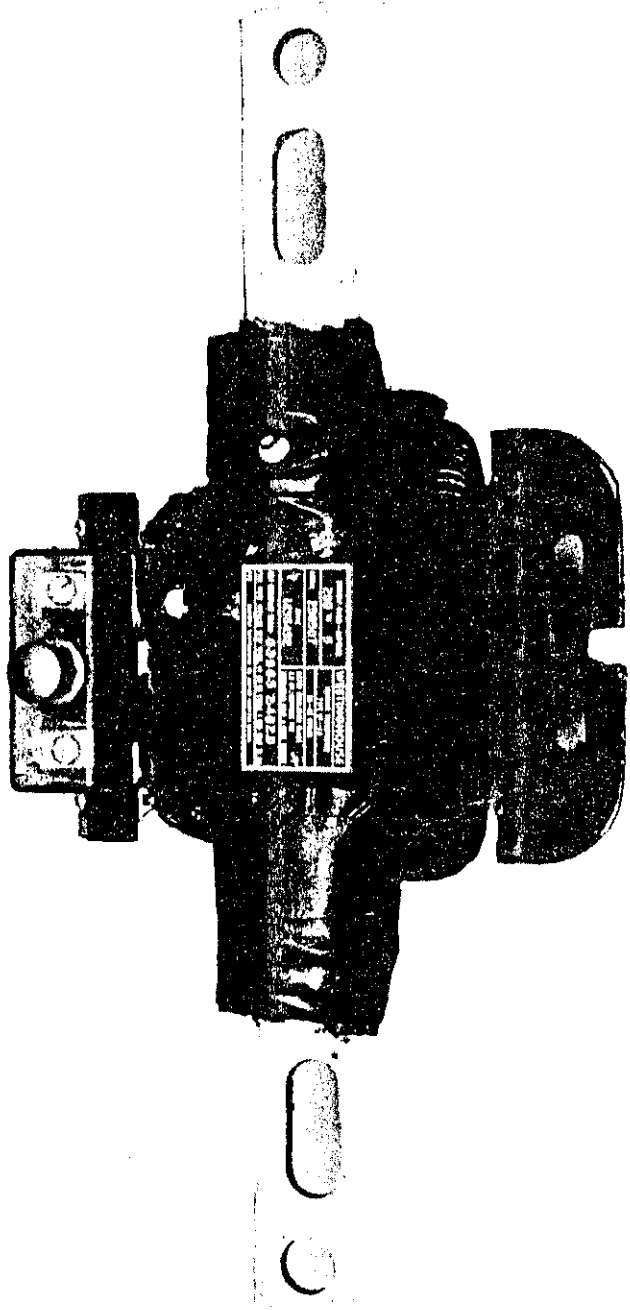

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Ref: A-312D

WESTINGHOUSE TYPE "CT-2.5" CURRENT TRANSFORMER



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