



TRADE AND COMMERCE
CANADA

SD-EA.148

STANDARDS DIVISION

OTTAWA, April 8, 1954.

MODIFICATIONS OF TYPE APPROVALCANADIAN WESTINGHOUSE TYPE "FW" CURRENT TRANSFORMERS

The modifications to the apparatus specified and illustrated herein have been duly approved by the Standards Division under the provisions of the Electricity Inspection Act, Chapter 94, R.S. 1952, and the modified apparatus may be admitted to verification in Canada.

Apparatus Modified: Type "FW" Current Transformers, manufactured by the Canadian Westinghouse Company Limited, Hamilton, Ontario.

Rating of Apparatus:

Primary Voltage Rating 600 volts (These transformers may be used safely on higher voltage circuits with properly insulated cable.)

Ampere Ratings 200/5; 400/5; 800/5

Temperature Rating 55°C. rise

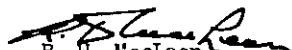
Frequency 25-60 cycles

Accuracy Classification * ASA Class 0.3B0.1, B0.2 except the 200/5 ratio, which is accuracy 0.6 on the B0.2

Continuous Current Rating .. 200% for the 200/5 and 400/5; 150% for the 800/5.

* Note: Accuracy for both burdens shown on the nameplate except in case of 200/5 rating, which shows only 0.3B0.1.

Modifications: These are modifications of the type approved under Circular SD-EA.98 of March 17, 1953. The major change is in the core and primary lead opening. The round core has been changed to an "obround" core. The round primary tube has been replaced by an obround tube permitting the use of two primary conductors or a larger single conductor. There are also some mechanical changes in the case and changes in its appearance. The ratio ratings have been changed from two, viz. 200/5 and 600/5, to three, viz. 200/5, 400/5 and 800/5. Polarity on the new design is indicated by a "+" embossed on the case and a "+" engraved on the bakelite terminal base, adjacent respectively to the appropriate primary and secondary terminals. These transformers are designed for indoor use.


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Ref: A-301A

WESTINGHOUSE TYPE "FW" CURRENT TRANSFORMER

