



TRADE AND COMMERCE
CANADA

STANDARDS DIVISION

OTTAWA, February 13, 1952.

TYPE APPROVALCANADIAN WESTINGHOUSE TYPE "MR" CURRENT TRANSFORMER

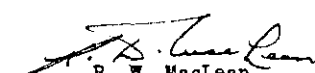
The apparatus specified and illustrated herein has been duly approved by the Standards Division under the provisions of The Electricity Inspection Act, Chapter 22, 1928, as amended, and may be admitted to verification in Canada.

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

Rating of Apparatus:

Primary Voltage Rating 600 volts
 Current Ratings 200 - 5; 400 - 5; 200/200 - 5
 Temperature Rating 55°C.(max.) rise at 200% load
 Frequency 60 cycles
 Rated Secondary Burden 2.5 VA (ASA Class 0.3 B0.1)
 Continuous Current Rating 200%

Description: The type "MR" current transformer is a small instrument which has been designed for use with metering equipment having low burdens. The size and weight of the transformer has been kept low by the use of "Hipersil", a cold rolled, oriented grain electrical sheet steel. The transformer is a "thru-bar" type and the "thru-bar" or primary conductor consists of a round silver-plated solid copper bar held in place by snap rings. The two-conductor primary for the 3-wire transformers consists of a round silver-plated solid copper bar mounted co-axially with, and insulated from, a silver-plated copper tube. The assembly is held in place with respect to the transformer and to each other by snap rings. The transformer is enclosed in a metal case, with four mounting holes, and a molded cover which supports the secondary terminals and the name-plate. Polarity markings are molded into the case and cover. Secondary terminals consist of solderless connectors which will accommodate #6 to #14 conductors. Terminals are mounted on phosphor bronze supports molded into the cover. No provision has been made to facilitate the shorting of the secondary terminals. Connections to the primary bars may be made by pressure clamp type connectors.


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Ref: A-235

WESTINGHOUSE TYPE "MR" CURRENT TRANSFORMER

