



TRADE AND COMMERCE
CANADA

S-EA.609

STANDARDS DIVISION

OTTAWA.....February 4, 1964..

TYPE APPROVALWESTINGHOUSE TYPE "CTR" 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: Type "CTR" Current Transformers, manufactured by Westinghouse Electric Corporation, Sharon, Pa. U.S.A., and distributed in Canada by Canadian Westinghouse Company Limited, London, Ontario.

Rating of Apparatus:	
Primary Currents	
Single ratio	200, 400, 600 and 800 amperes.
Double ratio	400/200, 600/300 and 800/400 amperes.
Secondary Current	5 amperes
Voltage Rating	600 volts.
Accuracy Rating	
200 amperes	0.3B0.1, B0.2*; 0.6B0.5
300 amperes	0.3B0.1, B0.2*, B0.5; 0.6B0.9
400 amperes	0.3B0.1, B0.2, B0.5*, B0.9
600 amperes	0.3B0.1, B0.2, B0.5*, B0.9, B(2x0.9), B1.0; 0.6B2.0
800 amperes	0.3B0.1, B0.2, B0.5*, B0.9, B(2x0.9), B1.0; 0.6B2.0
Wire	2
Frequency	60 cycles
R.F. (rating factor)	2.0
Style	Dry, indoor and outdoor
Insulation	10Kv BIL

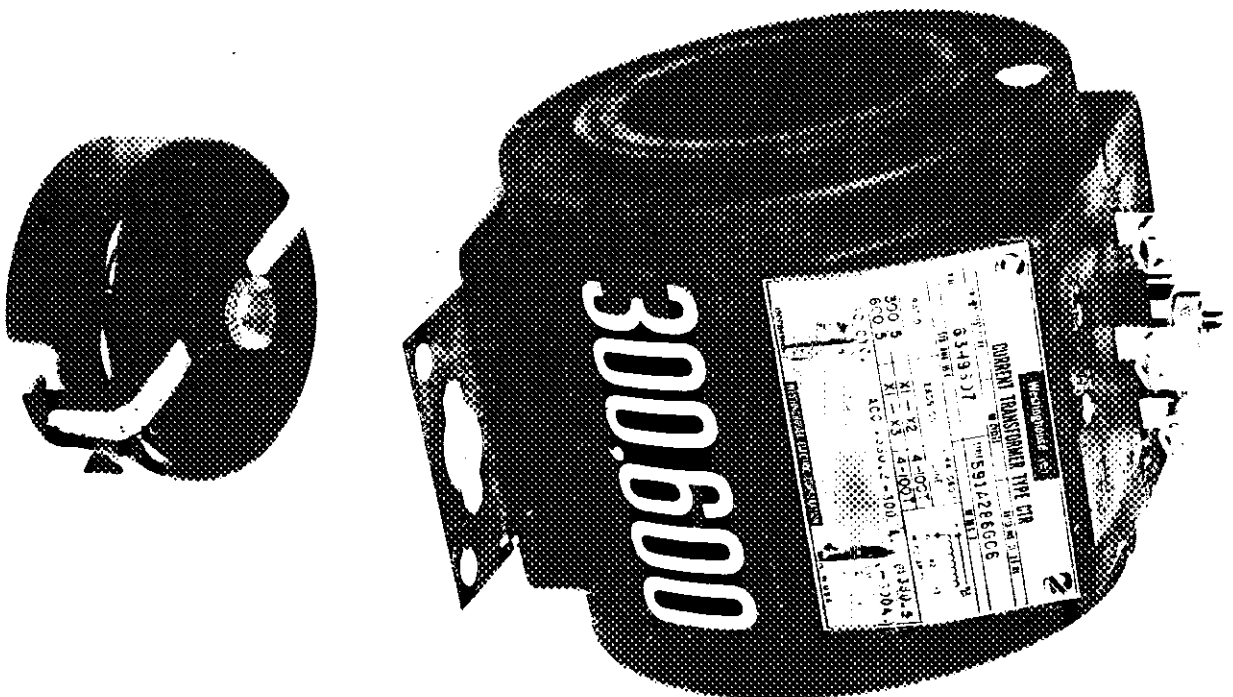
* marked on nameplate

The above accuracies apply to the particular current regardless of whether the transformer has single or double ratio.

Description: The type CTR ring-type current transformers are moulded of butyl rubber are especially designed for use with watt-hour meters, and may be mounted either indoors or outdoors. Silver plated, clamp type secondary terminals are supplied with a short-circuit device and a weather resistant, suitable for locking with a meter seal. To insure proper installation, the short circuiting device

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on single ratio units is designed so that when leads are connected into the secondary terminals, the cap will not fit and cannot be secured until the short circuit device has been moved to the open position. On double ratio units, the cap is marked with an indicator which points to the rating for which the transformer is connected. The primary current rating (s) is marked in large numerals on the side of the transformer.

Core and coils are of rugged through-type construction assembled around an insulating tube which is the major insulation for the primary conductor.

Polarity is subtractive and white dots are moulded adjacent to the identified primary conductor entrance side and secondary terminal.

W. J. S. Fraser
(for) E. F. Power,
Chief, Electricity & Gas Division,
Standards Branch.

R. W. Maclean
R. W. Maclean,
Director,
Standards Branch.

Ref: A19.

