

TRADE AND COMMERCE
CANADA

STANDARDS BRANCH

S-EA. 537

OTTAWA January 15, 1962.

TYPE APPROVALCANADIAN GENERAL ELECTRIC TYPES "CTP-0", "CTP-5"
AND "CTP-15" 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: Types "CTP-0", "CTP-5" and "CTP-15" Current Transformers, manufactured by the Canadian General Electric Company Limited, Toronto, Ontario.

Rating of Apparatus:

Primary Currents:

"CTP-0" 300, 400, 500, 600, 800, 1000, 1200, 1500,
2000 and 2500 amperes

"CTP-5" and "CTP-15" 1500, 2000, 2500, 3000 and 4000 amperes

Secondary Current 5 amperes

Voltage Rating 5 to 15 KV

Accuracy Ratings:

300 amperes 0.6B0.1, B0.2, B0.5^{*}
400 amperes 0.3B0.1; 0.6B0.2, B0.5, B0.9^{*}
500 and 600 amperes 0.3B0.1, B0.2; 0.6B0.5, B0.9^{*}
800 amperes 0.3B0.1, B0.2, B0.5; 0.6B0.9^{*}, B(2x0.9), B1.0
1000 amperes 0.3B0.1, B0.2, B0.5, B0.9^{*}; 0.6B(2x0.9), B1.0,
B2.0
1200 to 4000 amperes incl. 0.3B0.1, B0.2, B0.5, B0.9^{*}, B(2x0.9), B1.0,
B2.0

Phase 1

Frequency 60 cycles

R.F. (rating factor) 1.5

Style Dry Type

* stamped on nameplate.

Description: These transformers are of the "through type" with no primary bar and are insulated for 600 volts. They are intended primarily for use in power switching equipment with voltage classes of 5 to 15 kilovolts. The primary will be an insulated bus-bar. The size and configuration of the insulated bus-bars will depend upon the voltage and current ratings of the equipment involved. The type "CTP-0" has a window opening of 4-5/8", the "CTP-5" a window opening of 5-5/8", and the "CTP-15" a window opening of 6-3/8" diameter. The manufacturer specifies high grade silicon steel for use in the cores. A manually-operated short-circuiting switch and terminal cover with sealing device is provided. Polarity

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is indicated by white markings on the insulation and on the secondary terminal box.

R. W. MacLean
R. W. MacLean,
Director,
Standards Branch.

E. F. Power
E. F. Power,
Chief, Electricity & Gas Division,
Standards Branch.

Ref: A-931

CANADIAN GENERAL ELECTRIC TYPE "GTP-O" CURRENT TRANSFORMER



