

TRADE AND COMMERCE

STANDARDS DIVISION

OTTAWA, September 21, 1953.

TYPE APPROVAL

CANADIAN GENERAL ELECTRIC TYPE "K51T" 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 "K51T" Current Transformer, manufactured by the Canadian General Electric Company Limited, Toronto, Ontario.

Rating of Apparatus:

Primary Current 1000, 1200, 1500, 2000, 2500, 3000, 4000 amperes

Secondary Current 5 amperes

Primary Voltage Rating depends on insulation provided on customer's bus Accuracy Classification ... 0.3B0.1, 0.3B0.5, 0.6B2.0 - 1000-2500 amps.,

25/60 cycles

0.3B0.1, 0.3B0.5, 0.3B2.0 - 3000-4000 amps.,

25/60 cycles

Frequency 25/125 cycles

Style Indoor

Note: Accuracy shown on nameplate: - 0.3B0.5 at 60 cycles.

Description: The type "K51T" current transformer is a 'through' type designed for indoor use. It may be used on circuits up to 15 KV provided the customer's bus, which forms the primary, is properly insulated for the voltage involved. The secondary winding is distributed on two of the legs of a rectangularshaped core of laminated silicon steel. Polarity is indicated by one white paint spot on frame for primary and white 'X' on secondary terminal base. Secondary leads come out to study mounted on one side of frame. A shortcircuiting bar is provided and the terminals and bar are protected with a bakelite cover.

CF Power

Assistant Director (E&G), Standards Division.

Standards Division.

Ref: A-296A

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