



TRADE AND COMMERCE
CANADA

SD-EA.106

STANDARDS DIVISION

OTTAWA..... May 13, 1953.

TYPE APPROVALPACKARD TYPES "E-5" AND "E-15" CURRENT TRANSFORMERS

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: Types "E-5" and "E-15" Current Transformers, manufactured by the Packard Electric Company Limited, St. Catharines, Ontario.

Rating of Apparatus:

Primary Current 2.5, 5, 10, 15, 20, 25, 30, 40, 50, 75,
150, 200, 300, 400, 600 amperes
Secondary Current 5 amperes
Voltage Rating 5 KV and 15 KV
Accuracy Rating 0.3B0.5
Frequency 25 - 60 cycles
Style Dry Indoor

Description: The type "E" current transformers are of the dry indoor type. They are being manufactured in two voltage ratings, namely 5 KV and 15 KV, and will be designated "E-5" and "E-15" respectively. The general design of both voltage ratings is similar, the higher voltage transformers being somewhat larger in overall size and in the core. The maximum burden for the transformers is 50 VA at 50% p.f. at 60 cycles. The ASA accuracy at this burden is specified 0.3B2.0 at 60 cycles and 0.6B2.0 at 25 cycles. The primary terminals are of the horizontal bus-bar type. The secondary terminals are mounted in a moulded box on one side of the core. The secondary is short-circuited when the moulded cover is removed. Polarity is indicated by painted red dots on the primary and on the terminal cover of the secondary. The core of the transformer is rectangular with the winding located on the top long leg. The iron is grain oriented steel.

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Ref: A-294 and A-294A

PACKARD TYPE "E-5" CURRENT TRANSFORMER

