

TRADE AND COMMERCE
CANADA

STANDARDS DIVISION

OTTAWA, June 23, 1958.

TYPE APPROVALPACKARD TYPES "ET5", "ET5 SPECIAL" AND "EU8.7" 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 94, R.S. 1952, and may be admitted to verification in Canada.


Apparatus Approved: Types "ET5", "ET5 Special" and "EU8.7" Current Transformers, manufactured by the Packard Electric Company Limited, St. Catharines, Ontario.


Rating of Apparatus:

Primary Current	10, 15, 25, 40, 50, 60, 75, 100, 150, 200, 300, 400, 600 amperes
Secondary Current	5 amperes
Voltage Rating	5 KV and 8.7 KV
Accuracy Rating	0.3B0.1, B0.5 [*] , B0.9 [*] , B2x0.9, B2.0
Frequency	25 - 60 cycles
Style - Type "ET5"	dry type, indoor
- Type "ET5 Special"	oil-immersed, outdoor
- Type "EU8.7"	compound-filled, outdoor

* either 0.3B0.5 or 0.3B0.9 shown on the nameplate depending upon purchaser.

Description: This line of transformers has been designed to use wound core construction. Approved ratings of the type "ET5" will supersede the equivalent ratings of the type "E5" which was first approved under SD-EA.106, May 13, 1953. Except for the wound core the basic design and appearance is very similar to the type "E5". The type "ET5 Special" is similar to the type "ET5" but is supplied with top leads and, as it is intended for use in oil-insulated metering units, has crepe paper insulation instead of plastic tape. For this application the voltage rating is 8700 volts. The same basic unit as the type "ET5" is also used in the compound-filled type "EU8.7" outdoor current transformers. For this application the major insulation is crepe paper tape impregnated with an asphalt compound. Polarity is indicated by a red paint dot on the insulation adjacent to the correct primary terminal and a red dot near the correct secondary terminal. On the types "E5" and "EU8.7" a short-circuiting link is provided and the terminal block has a plastic cover.


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Ref: A-755



PACKARD TYPE "ET5" CURRENT TRANSFORMER

