



CANADA

S-BA.642

DEPARTMENT OF TRADE AND COMMERCE
STANDARDS BRANCH

OTTAWA, December 14, 1964

TYPE APPROVAL

FERRANTI-PACKARD TYPE "RY" CURRENT TRANSFORMERS

The apparatus specified and illustrated herein has been duly approved by the Standards Branch under the provisions of the Electricity Inspection Act, Chapter 94, R.S. 1952, and may be admitted to verification in Canada.

Apparatus Approved: Type "RY" Current Transformers, manufactured by Ferranti-Packard Electric Limited, St. Catharines, Ontario.

Rating of Apparatus:

Primary Currents	
Double ratio	400/800, 500/1000, 600/1200 amperes
Single ratio	800, 1000, 1200 amperes
Secondary Current	5 amperes
# Voltage Rating	51V, 8.7kV, 15kV
Accuracy Rating	
400 to 600 amperes inclusive	0.3B0.1, B0.5, B0.9; 0.6B(2 x 0.9), B2.0
800 to 1200 amperes inclusive	0.3B0.1, B0.5, B0.9; B(2 x 0.9), B2.0
Style	Three-type, or oil immersed in type "CS5" metering Outfits.
Frequency	60 cycles

See description.

* The nameplate may be marked either 0.3B0.5 or 0.3B0.9.

Description: Basically the design is a standard ring-type with a toroidal winding tapped at the mid point. The core is wound from continuous strip oriented steel and is oval shaped. The insulation provided is standard 600 Volt Class but by using a properly insulated primary conductor, the unit may be applied to 5kV, 8.7kV or 15kV Insulation Classes. It may be used in CS5, CS5B.7 and CS515 Metering Outfits, where it is immersed in oil and the primary conductors are insulated according to the Voltage Class required.

The secondary leads from the transformers are run to a terminal board on the side of the case.

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