



TRADE AND COMMERCE
CANADA

STANDARDS BRANCH

OTTAWA... January 5, 1962.

TYPE APPROVAL

PIONEER ELECTRIC TYPES "FMP 0.6" AND "FMP 5"
VOLTAGE 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: Types "FMP 0.6" and "FMP 5" Voltage Transformers, manufactured by Pioneer Electric Limited, Fort Garry, Winnipeg 19, Manitoba.

Rating of Apparatus:

Primary Voltages:

Type "FMP 0.6" 120, 300, 480 and 600 volts

Type "FMP 5" 1200, 2400, 4200 and 4800 volts

Secondary Voltage 120 volts - both types

Accuracy Rating 0.3WXY, 0.6Z⁴

Insulation Class:

Type "FMP 0.6" 600 V

Type "FMP 5" 5 KV

Frequency 60 cycles

Style Moulded

Thermal Rating 750 VA

* 0.3WXY, 0.6Z marked on nameplate.

Description: The types "FMP 0.6" and "FMP 5" are folded core voltage transformers encapsulated in epoxy resin. They are intended for use in switchgear, being usually mounted in a withdrawable drawer.

These types may be supplied in either one- or two-fuse designs. The single fuse design is usually intended for service on a wye circuit, and has the fuse mounted on the top of the transformer and has the other terminal of the high voltage winding placed on the end of the transformer. In the two-fuse design, both fuses are mounted on the top. The high and low voltage terminals are identified by H₁, H₂ and X₁, X₂ moulded adjacent to their respective terminals, and the polarity is indicated by white dots also moulded in the resin.

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