



TRADE AND COMMERCE
CANADA

STANDARDS DIVISION

OTTAWA,..... January 16, 1957.

TYPE APPROVALEASTERN POWER DEVICES VOLTAGE TRANSFORMER TYPE "P3"

The apparatus specified 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: Type "P3" Voltage Transformer, manufactured by Eastern Power Devices Limited, 29 Wabash Avenue, Toronto 3, Canada.

Rating of Apparatus:

Primary Voltage 2400, 4200 volts
 Secondary Voltage 120 volts
 *Accuracy Rating ASA 0.3% \times , 0.6Y, 1.2Z
 Frequency 60 cycles
 Style Indoor

* marked on nameplate.

Description: The core of the type "P3" transformer is constructed similarly to the type "P1" approved under Circular SD-EA.280. The core clamping bars are suitably bent and drilled to mount the core and coils inverted upon the metal cover of the case. The primary leads pass through two of the hollow porcelain bushings to the load ends of the HRC primary fuses. These fuses are each supported on two porcelain bushings which are mounted on the metal cover. As an alternative, the transformer can be supplied with a single fuse which is suitable for line to neutral operation. The secondary leads are connected to terminals installed in a bakelite panel fastened to an opening on the side wall of the case. The coil construction is similar to the type "P1" with the addition of the extra insulation required for the 5KV service.

The transformer case and primary terminal arrangement is primarily designed for installation in the draw-out potential transformer drawers incorporated in the Eastern Power Devices Limited metalclad switchgear.

Polarity is indicated on primary by H₁ and H₂ painted on frame along side terminals. Secondary has X₁ and X₂ moulded in the terminal block.

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