

A. Croyer.

DEPARTMENT OF



TRADE AND COMMERCE
CANADA

SD-EA.291

STANDARDS DIVISION

OTTAWA, April 4, 1957.

TYPE APPROVAL

EASTERN POWER DEVICES TYPE "T" 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: Type "T" Current Transformers, manufactured by Eastern Power Devices Limited, 29 Wabash Avenue, Toronto 3, Ontario.

Rating of Apparatus:

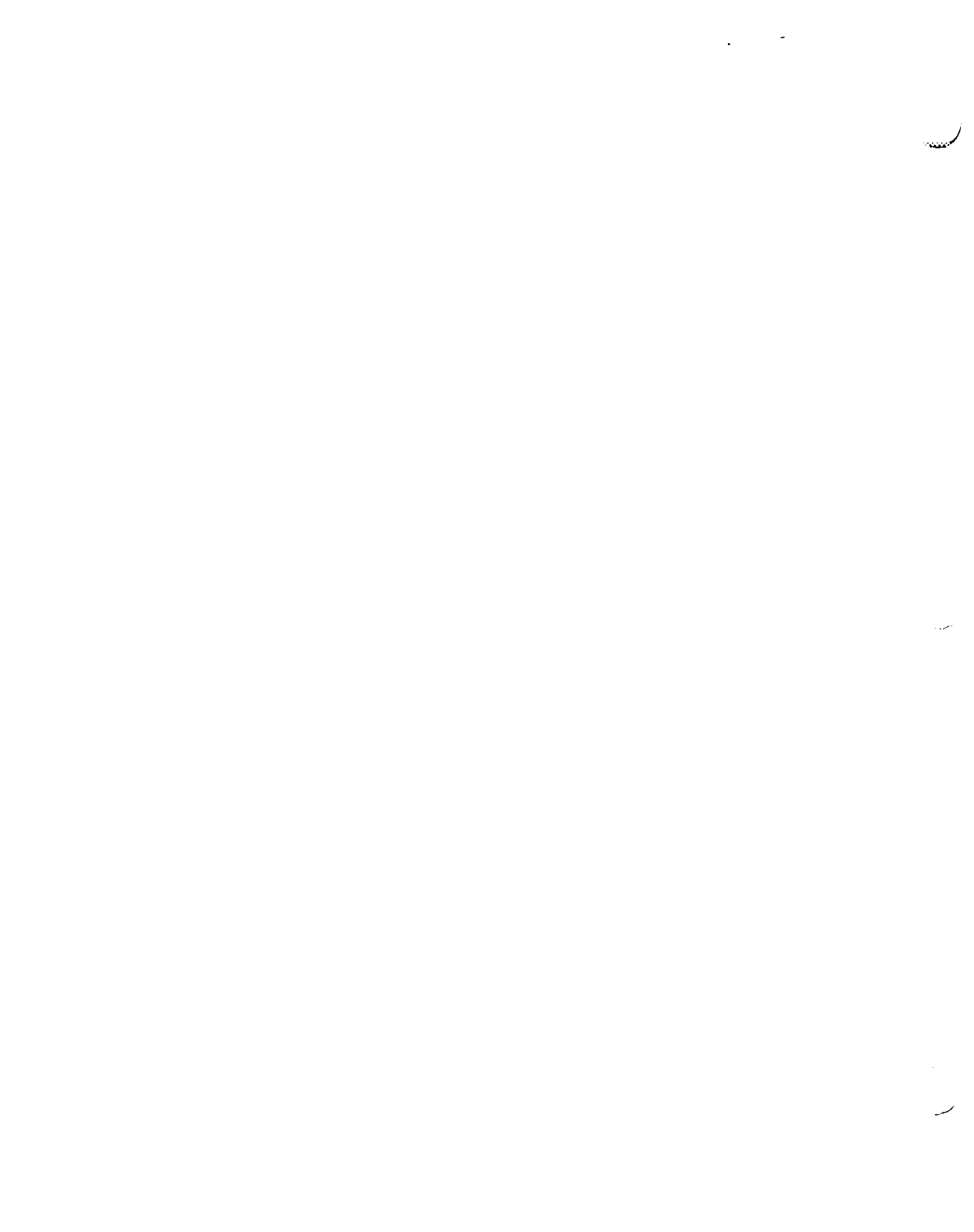
| <u>Primary Currents</u> | <u>Accuracy Rating*</u> |
|--------------------------------|---|
| 800, 1000, 1200 amperes | 0.6B0.1, B0.5, B0.9, B1.0, B2.0 |
| 1500, 1600 amperes | 0.3B0.1, B0.5, B0.9, B1.0, 0.6B2.0 |
| 2000, 2500 amperes | 0.3B0.1, B0.5, B0.9, B1.0, B2.0 |
| 3000, 4000, 5000, 6000 amperes | 0.3B0.1, B0.5, B0.9, B1.0, 0.6B2.0 |
| Secondary Current | 5 amperes |
| Voltage Class | 5 KV for types T-2 and T-3 600 volts for types T-5 and T-6 |
| Frequency | 60 cycles |
| Style | Indoor |

* B0.5 stamped on nameplates.

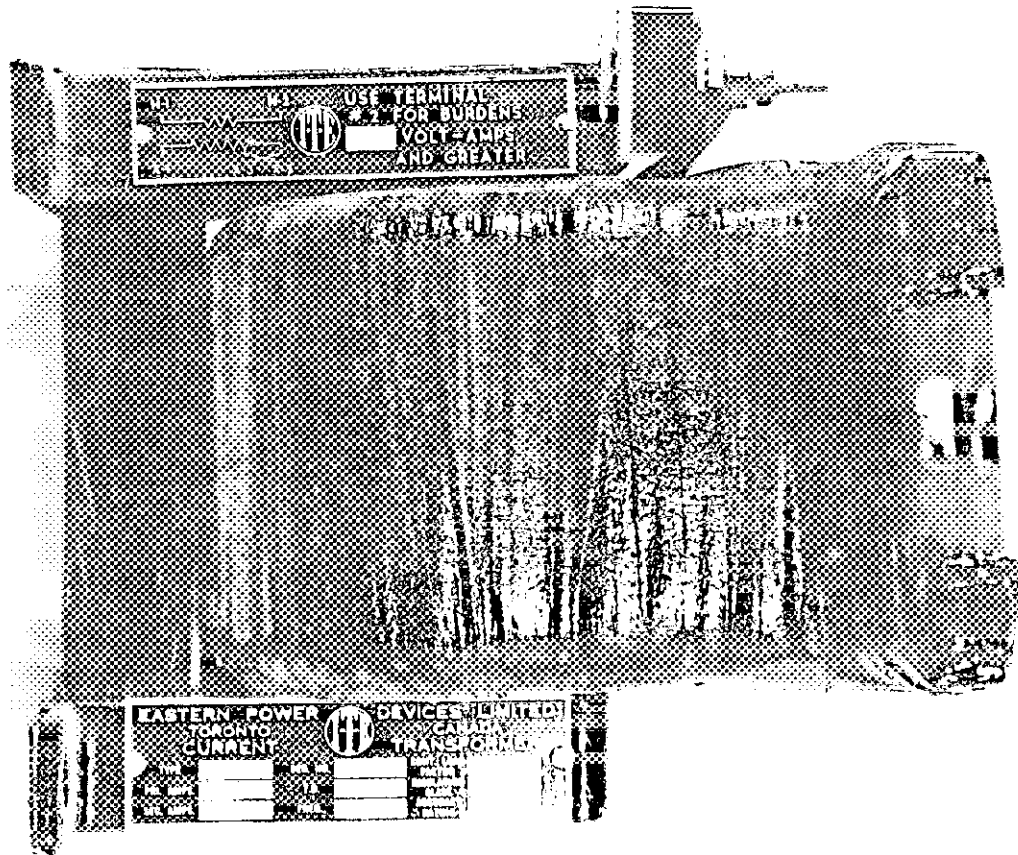
Description: The type "T" transformer can be supplied in any of four variations, namely, T-2, T-3, T-5 or T-6. The variations are the result of a choice in service voltages and a choice of relationship between the plane of the bus bars with respect to that of the mounting surface. Types T-2 and T-3 are assembled with no primary insulation and are used for 5 KV service on bus bar which is fully insulated. Types T-5 and T-6 are provided with an insulating tubing for use with bare copper bus on 600-volt services. Types T-2 and T-5 are for use when the major dimension of the copper bar is parallel to the mounting plane, and types T-3 and T-6 are for use when the major dimension of the copper bar is at right angles to the mounting plane.

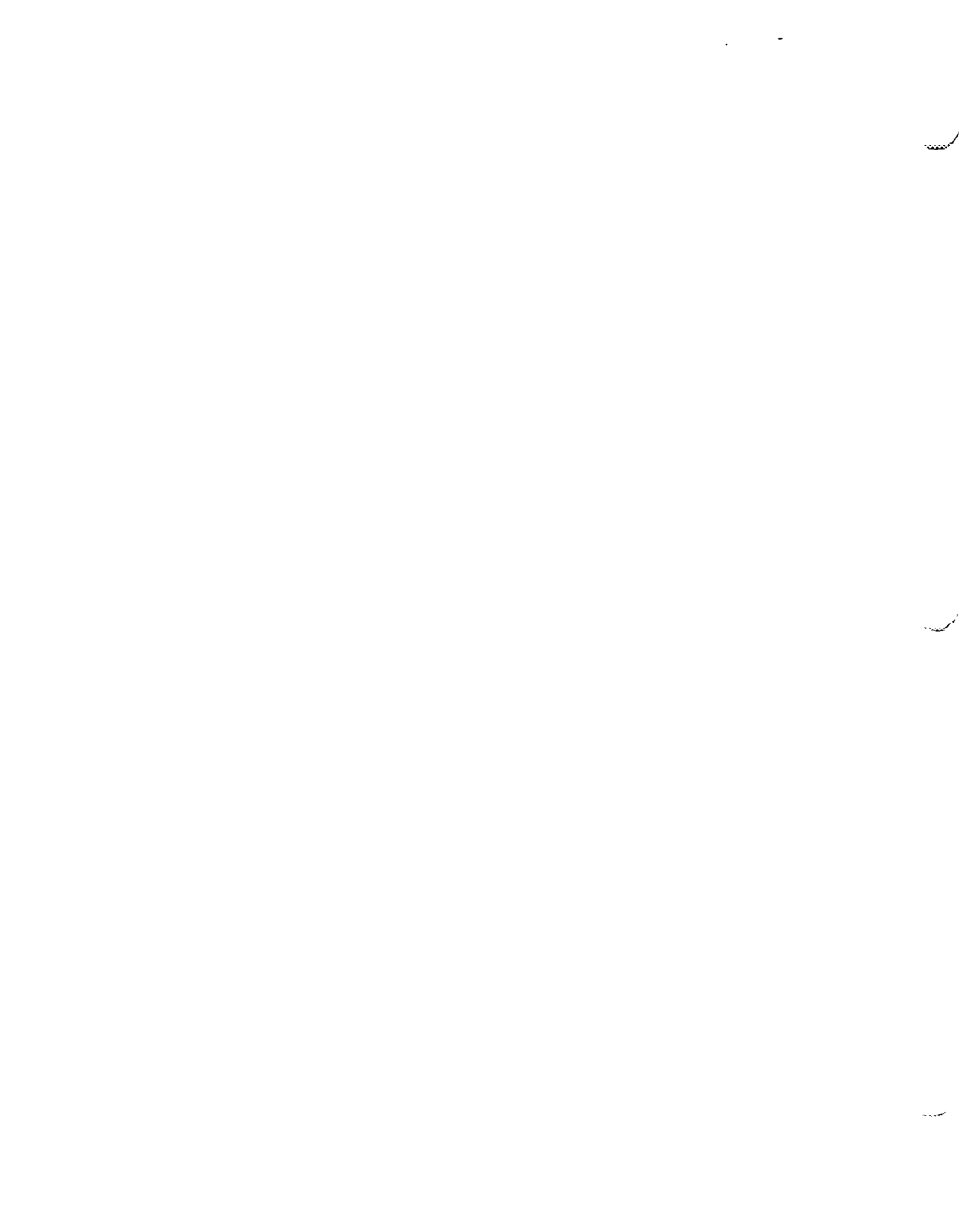
The core is an assembly of rectangular laminations of grain oriented transformer steel. The laminations are stacked to form a rectangular core. The core is clamped with non-magnetic bolts in insulating tubing passing through a hole in each of the four corners. Large rectangular washers are used to distribute the clamping pressure. One of these

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{washers



EASTERN POWER DEVICES TYPE "C" CURRENT TRANSFORMER





washers carries a white painted projection which serves as a primary polarity marker. The mounting feet are made of a non-magnetic material so that they will not affect the magnetic circuit. The secondary coils terminate at a moulded terminal block complete with short-circuiting link.

E. F. Power

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Ref: A-576

