



TRADE AND COMMERCE
CANADA

STANDARDS BRANCH

OTTAWA May 5, 1961.

TYPE APPROVALCANADIAN GENERAL ELECTRIC TYPE "JCD-0" 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 "JCD-0" Current Transformers, manufactured by the General Electric Company, Schenectady, N.Y., U.S.A., and sold in Canada by the Canadian General Electric Company Limited, Toronto, Ontario.

Rating of Apparatus:

Primary Current:

Single Range 2000, 3000, 4000, 5000, 6000, 8000 amperes

Dual Range 1000/2000, 1500/3000, 2000/4000 amperes

Secondary Current 5 amperes

Accuracy Class: (25 and 60 cycles)

1000 amperes 0.3B0.1, B0.2, B0.5^{*}; 0.6B0.9, B(2x0.9), B1.01500 amperes 0.3B0.1, B0.2, B0.5^{*}, B0.9, B1.0; 0.6B(2x0.9), B2.02000-8000 amperes 0.3B0.1, B0.2, B0.5^{*}, B0.9, B(2x0.9), B1.0, B2.0

Rated Voltage 600 volts

Wire 2

Phase 1

Frequency 25 and 60 cycles

R.F. (rating factor) 1.5 (1000 to 4000 amperes inclusive)

1.0 (5000, 6000, 8000 amperes)

Style Dry, Indoor and Outdoor

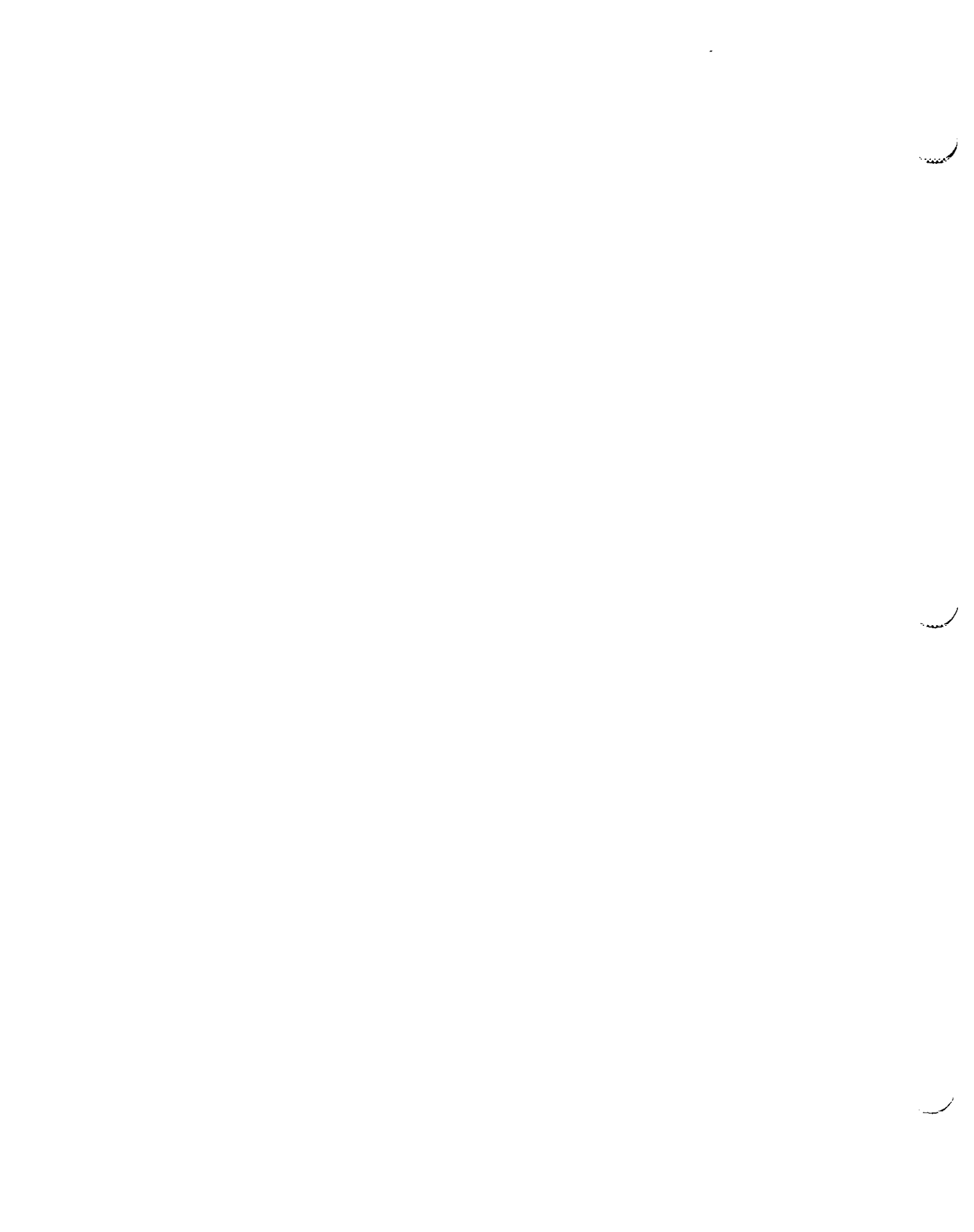
Impulse Level F.W. 10KV

* marked on nameplate.

Description: The type "JCD-0" current transformers are designed for indoor and outdoor service, and are of window type having a circular opening to accommodate busses or cables of current-carrying capacity equal to the transformer rating. The whole transformer is enclosed in a moulded black butyl case. The secondary terminals are covered by a weather-resistant moulded phenolic terminal case and have a manually-operated short-circuiting device. The cores are made of wound annealed silicon steel and the winding is of Formex wire evenly distributed around the core. Polarity markings are white, permanently moulded into the butyl case.

The secondary terminals are mounted in a conventional location on top of the transformer. The single ratio transformers have two terminals and one terminal cover, and the dual ratio transformers have four terminals and two terminal covers. A fibre piece between the two terminals serves as a mounting

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(p.t.o.)



... the terminal device, a base for the terminal cover, and the
... the cover is reversible, having one side
... and a reverse position when the short-circuiting switch is open and
meter leads are connected. The cover cannot normally be put in position to be
needed. In service it is necessary that the unused secondary be open-
terminal cover must be sealed with the short-circuiting device in the open-
circuit position.

W. P. ...
Director,
Standards Branch.

W. P. ...
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Standards Branch.

Ref: A-896

GENERAL ELECTRIC TYPE "JCD-O" CURRENT TRANSFORMER

