

TRADE AND COMMERCE  
CANADA

## STANDARDS DIVISION

OTTAWA, June 12, 1958.

TYPE APPROVALSANGAMO TYPES "CW-12", "CW-50", "CW-87", CW-150"  
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: Types "CW-12", "CW-50", "CW-87" and "CW-150" Current Transformers, manufactured by the Sangamo Company Limited, Leaside, Toronto 17, Ontario.

## Rating of Apparatus:

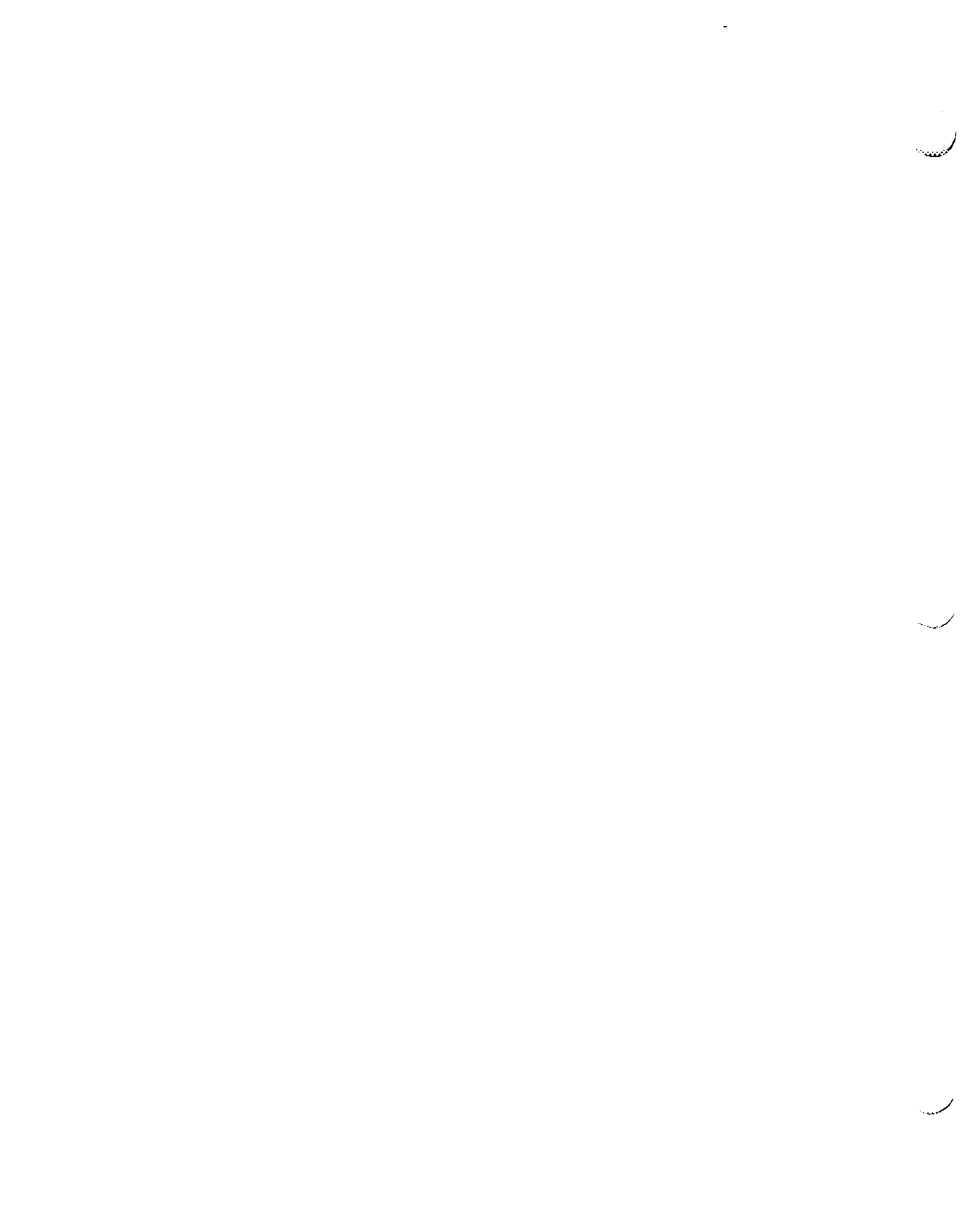
Primary Current .....	1000, 1200, 1500, 2000, 3000, 4000, 5000 and 6000 amperes
Secondary Current .....	5 amperes
Accuracy (25 and 60 cycles) ....	0.3B0.1, 0.3B0.5, 0.3B0.9 <sup>*</sup> , 0.6B2.0 for 1000-5, 1200-5 and 1500-5 ratings 0.3B0.1, 0.3B0.5, 0.3B0.9 <sup>*</sup> , 0.3B2.0 for 2000-5 ratings and above
Rated Voltage - CW-12 .....	1.2 KV
CW-50 .....	5.0 KV
CW-87 .....	8.7 KV
CW-150 .....	15.0 KV
Frequency .....	25 to 60 cycles
Wire .....	2
Phase .....	1
Style .....	Dry Indoor, window type

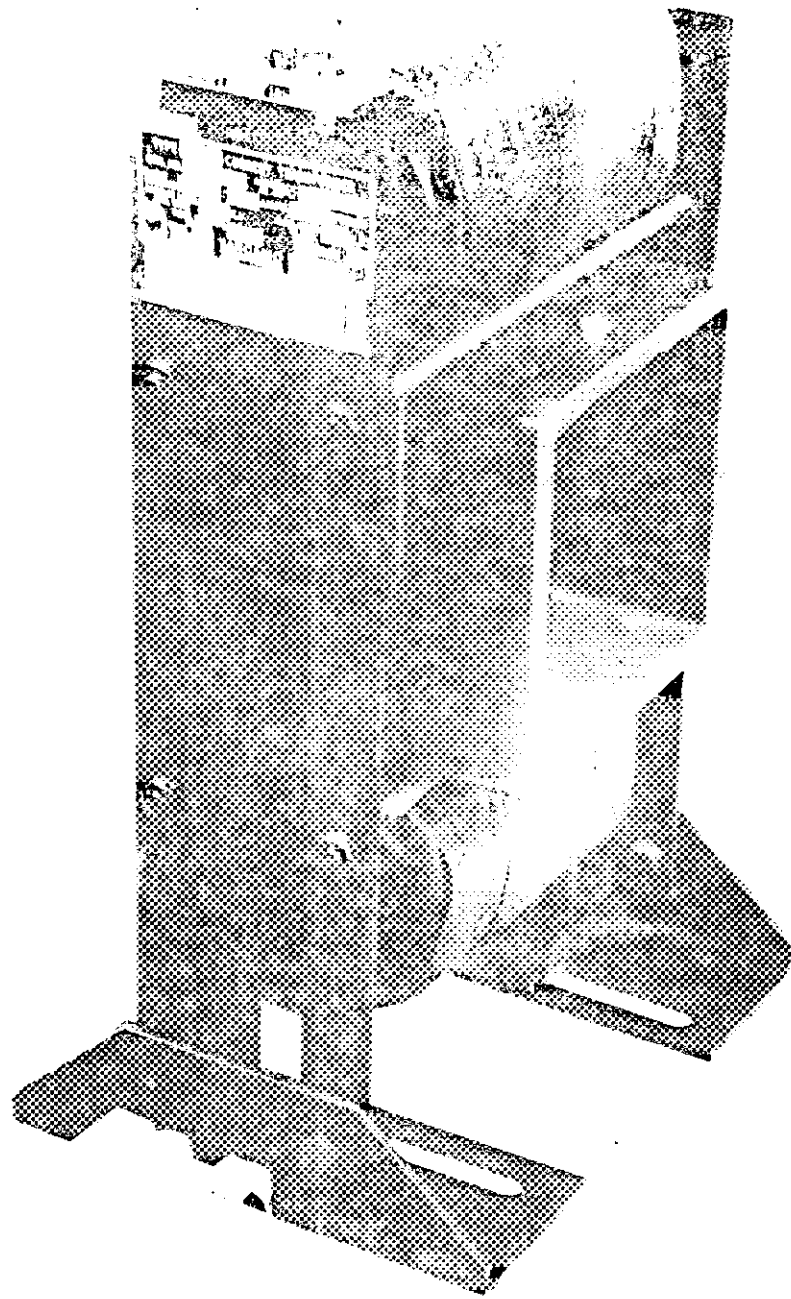
\* accuracy marked on nameplate.

**Description:** The type "CW-" current transformers are designed primarily for metering purposes. They are arranged for a through-type primary and have window openings of 4-1/8" x 1-3/8", 4-1/8" x 4-1/8", 6-1/8" x 2-1/2" and 6-1/8" x 4-1/8" as may be required. The primary insulation is a cast epoxy resin bushing designed to provide, depending on the rated voltage, a positive control of the distribution of electrostatic stress across the insulation. The shield in the type "CW-87" and type "CW-150" must be connected to the primary conductor using the lead provided.

The transformers are furnished with the Sangamo non-automatic short-circuiting link. The transparent plastic cover, which is so constructed as to indicate the position of the short-circuiting link, fits over the secondary terminals. A sealing device is provided on the cover. The polarity is

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indicated by a raised button, painted white, moulded on the primary insulation; and a white ring below the corresponding secondary terminal.

Certain ratings covered by this approval were previously approved under Circular SD-EA.323, November 26, 1957.

*E. F. Power*

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Ref: A-699A

