



TRADE AND COMMERCE
CANADA

STANDARDS BRANCH

OTTAWA February 8, 1963.

TYPE APPROVAL

SANGAMO TYPES "CW-6", "CW-12", "CW-50"
"CW-87" AND "CW-150" DUAL-RATIO 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: Types "CW-6", "CW-12", "CW-50", "CW-87" and "CW-150" Dual-Ratio Current Transformers, manufactured by the Sangamo Company Limited, Leaside, Toronto 17, Ontario.

Rating of Apparatus:

Primary Currents 4000/2000, 3000/1500, 2000/1000, 1500/750,
1200/600 and 1000/500 amperes

Secondary Current 5 amperes

Accuracy Rating:

4000/2000, 3000/1500, {0.3B0.1, B0.2, B0.5, B0.9* for both high and
2000/1000 and 1500/750 (low ratios

1200/600 {0.3B0.1, B0.2, B0.5, B0.9* for the high ratio
{0.3B0.1, B0.2; 0.6B0.5, B0.9* for the low ratio

1000/500 {0.3B0.1, B0.2, B0.5, B0.9* for the high ratio
{0.6B0.1, B0.2, B0.5* for the low ratio

Rated Voltage:

"CW-6" 600 volts

"CW-12" 1200 volts

"CW-50" 5000 volts

"CW-87" 8700 volts

"CW-150" 15000 volts

Frequency 60 cycles

Wire 2

Phase 1

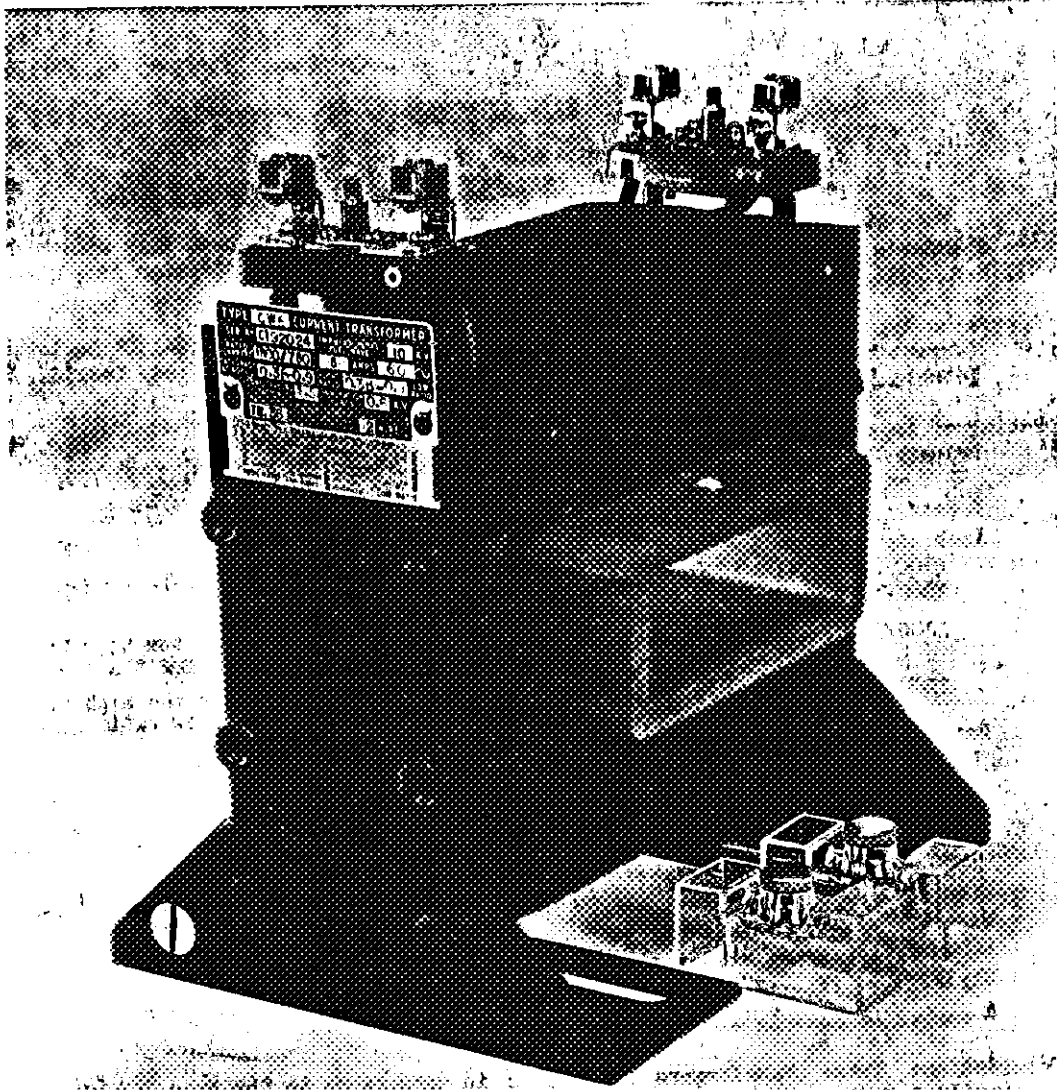
Style Dry Indoor, window type

* marked on nameplate.

Description: These transformers are similar in appearance to the type "CW-6" multiple-ratio current transformers receiving approval under S-EA.526 of October 6, 1961. Each transformer is furnished with two terminal blocks, each of which has a polarity mark. The secondary winding is in two sections

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SANGAMO TYPE "CW-6" DUAL-RATIO CURRENT TRANSFORMER



which are connected in series for the high ratio and in parallel for the low ratio. For the high ratio, either one of the links is closed, and the other open, the leads being connected to the terminals with the open links. For the low ratio, both of the links are open and short leads are used to join both pairs of terminals in parallel, observing the correct polarities. The external leads are connected to the most convenient pair. The schematic diagram of the connections is shown on the nameplate. With the high ratio connection, both links must be closed in order to short-circuit the secondary winding.

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Ref: A-988

