



Consumer and
Corporate Affairs

Consommation et
corporations

Standards

Normes

**NOTICE OF APPROVAL
AVIS D'APPROBATION**

T-121

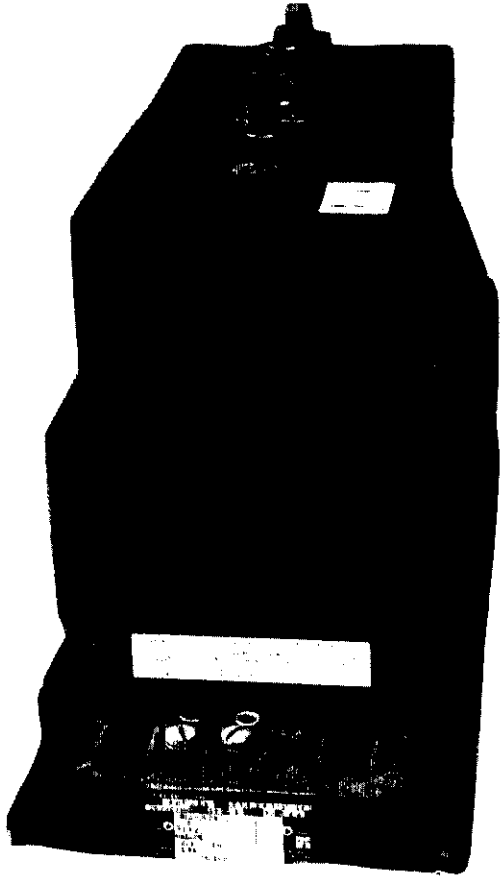
Ottawa, October 28, 1977

**WESTINGHOUSE CANADA, ARTECHE TYPES "ACF-24",
"ACF-36", "ACH-24" AND "ACH-36" CURRENT TRANSFORMERS**

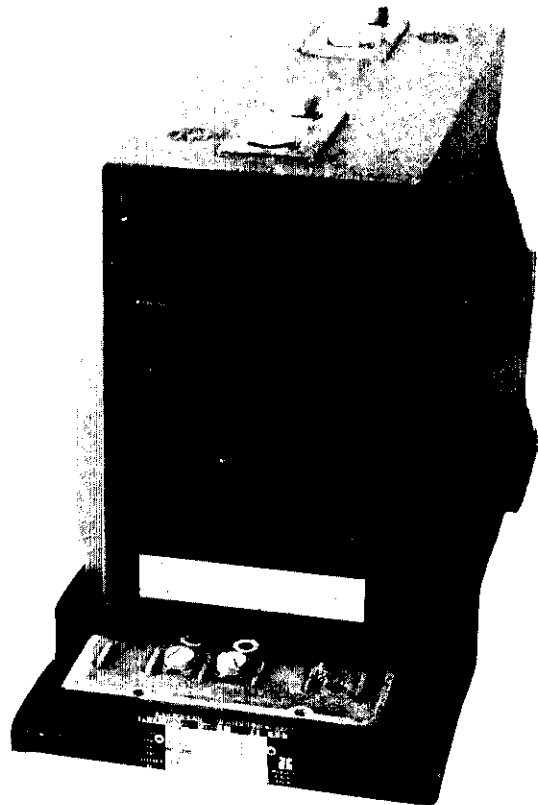
Made in Spain by Electrotechica Artech Hermanos

Primary Currents:	10, 15, 25, 40, 50, 75, 100, 150, 200, 300, 400, 600, 800, and 1200 A
Double Primary:	25 x 50, 50 x 100, 100 x 200, 200 x 400, 400 x 800, and 600 x 1200 A
Double Secondary:	50/25, 100/50, 200/100, 400/200, 600/300, 800/400 and 1200/600 A
Secondary Current:	5 A
Accuracy Rating:	
Single Ratio and Double Primary	0.3 B2.0
Double Secondary	0.6 B2.0
RF (rating factor) 30°C	1.33
Frequency	60 Hz
Voltage Class	
ACF-24, ACH-24	25 kV
ACF-36, ACH-36	34.5 kV
Style	Moulded Indoor
Wire	2

...2



ACF-24
Series - Parallel
Primary



ACF-24
Single Primary

Description

The Types "ACF" and "ACH" current transformers are epoxy moulded and generally cubical in form. They are equipped with either a single or a two section primary winding and a single secondary winding toroidally wound on the core.

The primary terminals are located at the top of the transformer and are identified with "H1" and "H2" markings moulded in the case, on units having a single primary winding.

The terminals are marked "H1" and "H4" on units equipped with two windings and provision is made for connecting these windings in series or in parallel. The current rating for the parallel mode is double that for the series mode, and since the AT rating is the same for both, the result is a double ratio current transformer with the same accuracy rating for both ratios.

Labels glued to the case at the top of the transformer have drawings to indicate how the connections are to be made for either mode.

The secondary terminals are marked X1, X2 for single secondary units and X1, X2 and X3 for tapped secondary units. The low ratio is obtained using X1 & X2 while the high ratio is obtained using X1 & X3.

The secondary winding shorting device consists of two tapped holes in the base behind the secondary terminals to accommodate two screws which when turned in until they contact the secondary terminals internally, execute a short circuit through the base. When only one screw is turned in, the associated secondary terminal is connected to ground via the metal base to the grounding terminal located at the opposite end of the transformer.

A clear plastic cover is provided for the secondary terminal which offers a choice of three positions for entering the secondary leads from the external burden, one in the front and one on either side. This cover is held in place by two screws.

Approval granted to:

Westinghouse Canada Co. Ltd.
London, Ontario



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