



CANADA

S-EA.623

DEPARTMENT OF TRADE AND COMMERCE
STANDARDS BRANCH

IN YOUR REPLY REFER TO FILE NO.

OTTAWA, May 13, 1964.

TYPE APPROVAL

SANGAMO TYPE "BH-6A" SINGLE AND 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: Type "BH-6A" Single and Dual-Ratio Current Transformers manufactured by Sangamo Electric Company, Springfield, Ill., U.S.A., and distributed in Canada by Sangamo Company Limited, Lenside, Toronto 17, Ontario.

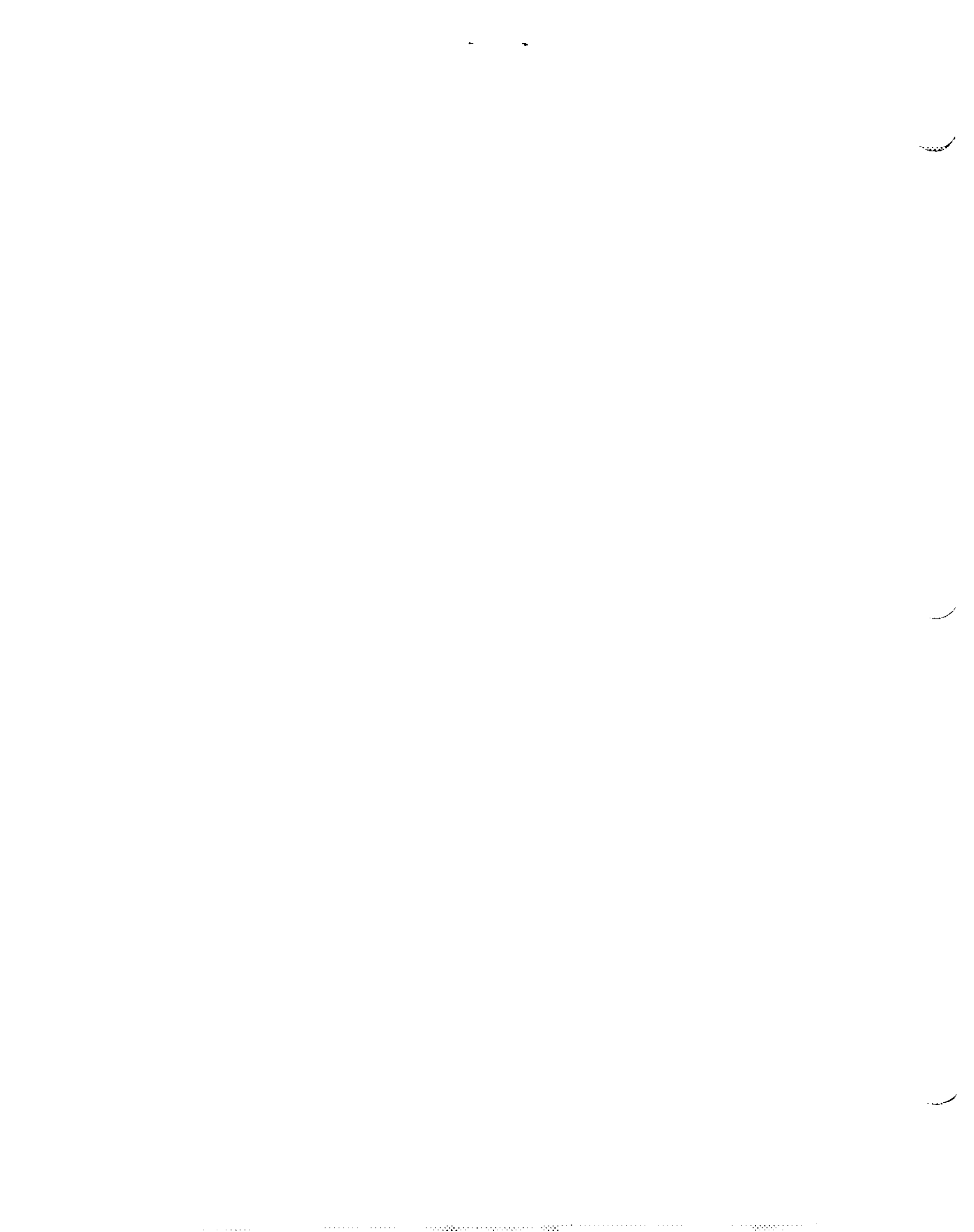
Rating of Apparatus:

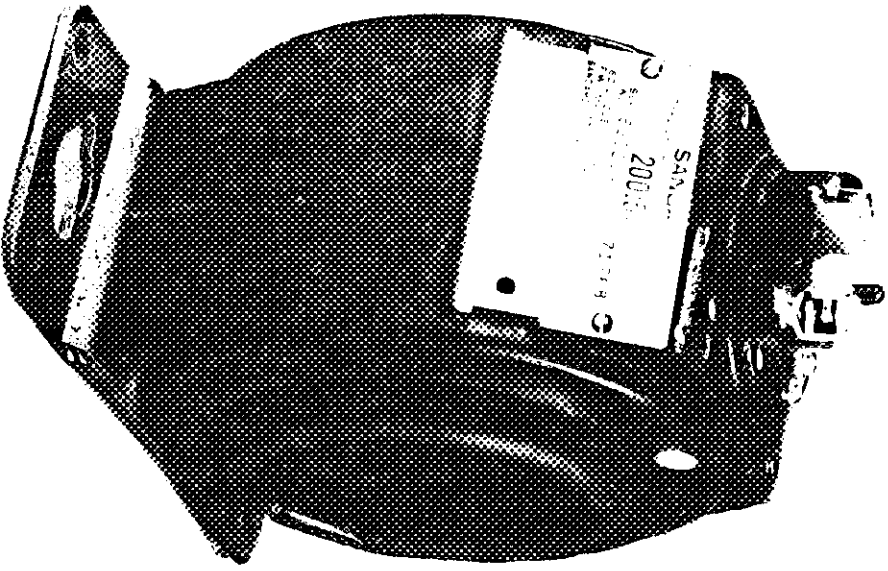
Primary Currents	200, 300, 400, 600, 800, 400/200, 600/300, and 800/400 amperes
Secondary Current	5 amperes
Voltage Rating	600 volts
Accuracy Rating	
200 amperes	0.3B0.1, B0.2*
300 "	0.3B0.1, B0.2, * B0.5; 0.6B0.9
400 "	0.3B0.1, B0.2, B0.5*; 0.6B0.9
600 "	0.3B0.1, B0.2, B0.5*, B0.9; 0.6B (2 x 0.9), B1.0
800 "	0.3B0.1, B0.2, B0.5*, B0.9, B (2 x 0.9), B1.0; 0.6B2.0
Frequency	60 cycles
Wire	2
Style	Moulded dry type, Indoor or Outdoor
R.F. (rating factor)	2.0
Colours	200:5 red, 400:5 yellow, 600:5 blue, 800:5 grey 200/400:5 olive, 300/600:5 orange, 400/800:5 black

The above accuracies apply to the particular current regardless of whether the transformer has single or dual-ratio.

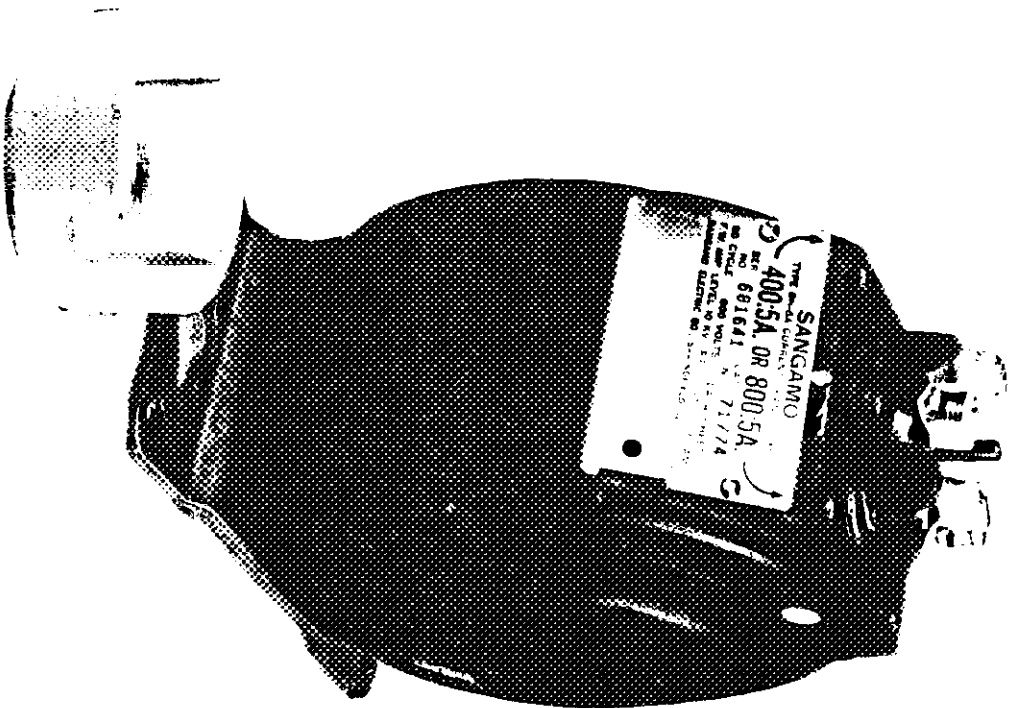
* marked on nameplate

Description: The type BH-6 Current Transformer has a toroidally-wound secondary on a Mu-metal core, the entire assembly being encapsulated in epoxy resin. The secondary terminals are solderless connectors located on the flat top surface and are protected by a Glaskyd cover that is indexed so that with leads connected to the terminals the cover will not fit unless the shorting link is open.

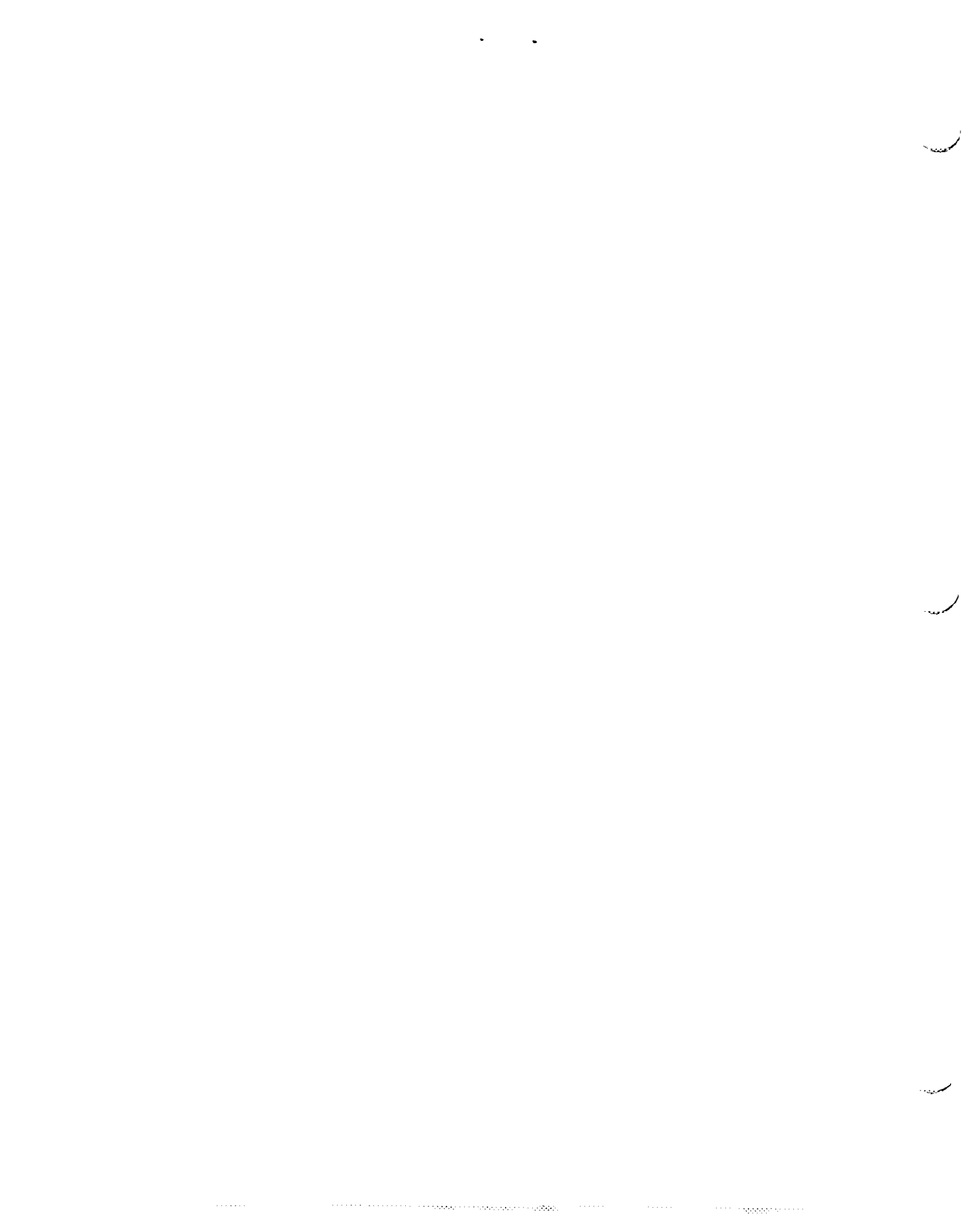




SANGAMO TYPE "SH-6A" SINGLE AND DUAL-RATIO CURRENT TRANSFORMERS



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Description: (cont'd)

The dual rated types have three secondary terminals, and a white dot moulded on the body indicates the centre terminal to be the identified one.

The window is oval-shaped to better fit either one or two primary conductors.

These transformers are available with a variety of bases and tapped holes on the top to permit the installation of a secondary terminal conduit attachment.

wjshaer

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Chief, Electricity and Gas Division,
Standards Branch.

R.W. Maclean
R.W. Maclean,
Director,
Standards Branch.

Ref: A47

