



DEPARTMENT OF TRADE AND COMMERCE
STANDARDS BRANCH

T-26

OTTAWA May 25, 1967.

NOTICE OF APPROVAL

FOR

CANADIAN WESTINGHOUSE TYPES "KTH-5" AND "KTH-15" HIGH STRENGTH
MOULDED CURRENT TRANSFORMERS

Apparatus

Primary Currents	5, 10, 15, 20, 25, 30, 40, 50, 75, 100, 150, 200, 300 and 400 amperes
Secondary Current	5 amperes * *
Accuracy Rating at 23°C	0.3B0.1, B0.2, B0.5; 0.6B0.9
Voltage Rating	
KTH-5	5kv
KTH-15	15kv
Wire	2
Frequency	60hz
Rating Factor (R.F.)	2.0#
Style	Moulded, indoor

* 0.3B0.5; 0.6B0.9 marked on the nameplate.


R.F. = 2.0 applies to metering accuracy. A thermal rating factor of 2.5 or 3.5 may also appear on the nameplate, but this is not related to the approved metering accuracy rating.

Description

The types KTH-5 and KTH-15 have the same outside dimensions and shapes as the types KT-5 and KT-15 receiving approval under S-EA.546 and S-EA.578 respectively.

They are also of moulded construction and have the primary winding brought out to bars extending from each end of the transformer, and the secondary terminals are located in a recess moulded into the top of the transformer. The polarity is subtractive and white dots are moulded adjacent to the identified primary and secondary terminals.

The secondary terminals are protected by a transparent plastic cover with an off-centre hole in each of the flat unequal sides. A finger-operated short-circuiting device has attached to it a fibre stamping having two projections that fit into one or the other of the holes in the plastic cover. When the secondary is open-circuited, the plastic cover can only be installed in a way that places the short side to the front, thus uncovering the entrance to the terminals for the leads.

		CURRENT TRANSFORMER TYPE KTH-	
CURRENT RATIO		RATED INSULATION CLASS	
TO 5 AMPS		THERMAL RES=3.5	
(+)		I SEC. CURR. RATING - 250 X NORMAL	
(+)		CSA ACCURACY AT 60 CYC. & RE=2.0 0.3B0.5 0-6B0.9	
SERIAL		STYLE	
[]		758C75	
FULL WAVE IMPULSE TEST LEVEL K.V.: 60CYC. 1 MINUTE TEST K.V.			
CANADIAN WESTINGHOUSE CO. LTD., LONDON, CANADA			
143P678H01			

The "H" in the type designation indicates a high strength design so that these transformers will stand greater overloads than the types KT-5 and KT-15. However, the accuracy rating for metering purposes is limited to $RF=2.0$ even though the transformers may be stamped with a thermal rating factor of 2.5 or 3.5, and the nameplates of all units will indicate the distinction, so that they will not appear exactly as shown in the illustrations, but will be similar to the drawing on the back of page 2 of this circular.

Approval granted to: Canadian Westinghouse Company Limited,
London,
Ontario.

W.J.S. Fraser

W.J.S. Fraser,
Chief, Standards Laboratory,
Standards Branch.

K. Cryer

K. Cryer,
Chief, Electricity & Gas Division,
Standards Branch.

Ref: SL-100-900M

CANADIAN WESTINGHOUSE TYPES "KTH-5" AND "KTH-15" HIGH STRENGTH
MOULDED CURRENT TRANSFORMERS

T-26

