



DEPARTMENT OF TRADE AND COMMERCE  
STANDARDS BRANCH

**T-27-1**

OTTAWA November 5, 1968.

NOTICE OF APPROVAL

FOR

CANADIAN GENERAL ELECTRIC TYPES "CM-25", "CML-25",  
"CS-25" AND "CSL-25" CURRENT TRANSFORMERS

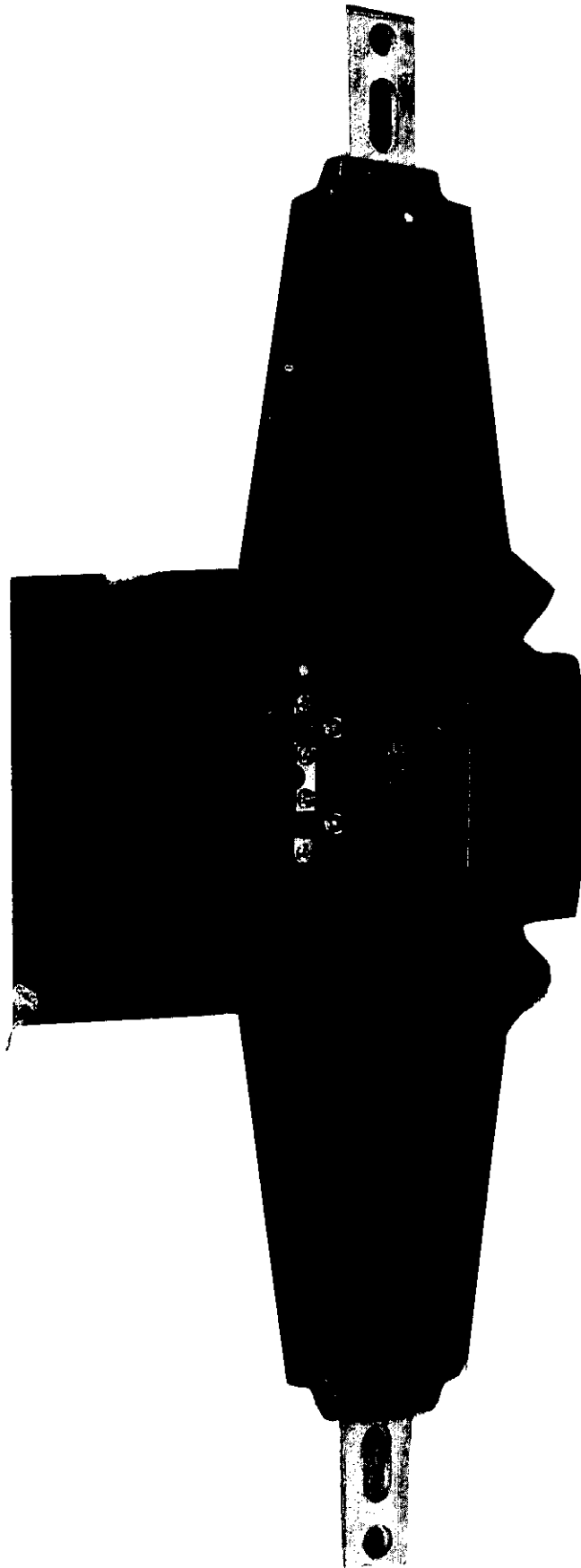
Apparatus

Primary Currents	10, 15, 20, 25, 30, 40, 50, 60, 75, 100, 150, 200, 250 and 300 amperes
Secondary Current	5 amperes
Accuracy Rating	
CM-25 & CML-25 (full winding)	0.3B0.1, B0.2, B0.5, B0.9 <sup>*</sup> ; 0.6B1.0, B(2x0.9), B2.0
CS-25, CML-25 (on tap)	
CSL-25 (full winding)	0.3B0.1, B0.2; 0.6B0.5, B0.9 <sup>*</sup>
CSL-25 (on tap)	not approved for revenue metering
Voltage Class	25 kv
Frequency	60 hz
R.F. (rating factor)	
CM-25, CML-25	1.5
CS-25, CSL-25	2.0
Wire	2
Style	Dry, indoor

\* The nameplate of the CM-25 and CML-25 will be marked 0.3B0.9 and that of the CS-25 will be marked 0.6B0.9.

The nameplate of the CML-25 will be marked 0.6B0.9 in addition under the low ratio connection.

The nameplate of the CSL-25 will be marked 0.6B0.9 under the high ratio connection.



2.

Description

This circular is a re-issue of circular T-27 to include transformers having tapped secondary windings and denoted as types CML-25 and CSL-25.

All secondary taps on these two types will be such as to produce a pair of ratios of the order of 2:1.

The accuracy rating of the tap on the type CML-25 is lower than that of the full winding so that transformers of this type will have two accuracy ratings marked on the nameplate.

The accuracy rating on the tap of the type CSL-25 is such that this connection is not approved for revenue metering.

The types CM-25, CML-25, CS-25 and CSL-25 are similar in general appearance to the types "CM--N" and "CS--N" receiving approval under circular T-1, except for the necessary increase in size and longer creepage distance to meet the higher insulation requirements of the 25 kv rating.

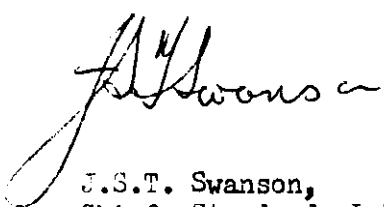
The primary and secondary windings are moulded in epoxy with the strip core passing through an opening in the epoxy but otherwise exposed.

The polarity is subtractive and is indicated by white dots moulded adjacent to the identified primary terminal and the X1 terminal of the secondary winding.

In the case of dual ratio transformers "X1" is common and "X2" and "X3" denote the tap and full winding respectively.

Approval granted to:

Canadian General Electric Company Limited,  
Toronto 4,  
Ontario.



J.S.T. Swanson,  
Chief, Standards Laboratory,  
Standards Branch.



W.J.S. Fraser,  
Chief, Electricity and Gas Division,  
Standards Branch.

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