



Department of consumer and corporate affairs / Ministère de la consommation et des corporations



STANDARDS BRANCH - DIRECTION DES NORMES

**NOTICE OF APPROVAL
AVIS D'APPROBATION**

T-27-2

OTTAWA September 6, 1973

CANADIAN GENERAL ELECTRIC TYPES "CM-25N", "CML-25N",
"CS-25N" and "CSL-25N" CURRENT TRANSFORMER

Primary Currents	10, 15, 20, 25, 30, 40, 50, 60, 75, 100, 150, 200, 250 and 300 amperes
Secondary Currents	5 amperes
Accuracy Rating at 60 Hz	
CM-25N & CML-25N (high ratio)	0.3 B0.1, B0.2, B0.5, B0.9, B1.0, B1.8, B2.0
CS-25N, CML-25N (low ratio) & CSL-25N (high ratio)	0.6 B0.1, B0.2, B0.5, B0.9, B1.0, B1.8, B2.0
CSL-25N (low ratio)	not approved for revenue metering
Frequency	60 Hz
R.F. (rating factor)	
CM-25N, CML-25N	1.5
CS-25N, CSL-25N	2.0
Voltage Class	25 Kv
Terminals to be used	
High Ratio	X1-X3
Low Ratio	X1-X2
Wire	2
Style	Moulded, indoor

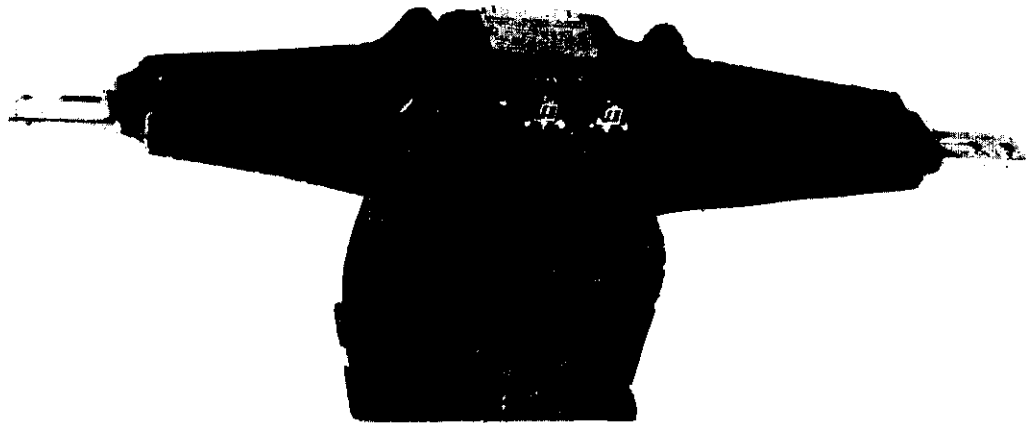
The nameplates of the type CM-25N will be marked 0.3 B2.0 and the nameplates of the type CML-25N will be marked 0.3 B2.0 for the high ratio and 0.6 B2.0 for the low ratio.

The nameplates of the type CS-25N will be marked 0.6 B2.0 and the nameplates of the type CSL-25N will be marked 0.6 B2.0 for the high ratio and "not approved for revenue metering" for the low ratio.

CANADIAN GENERAL ELECTRIC
TYPE CM-25N CURRENT TRANSFORMER
 RATIO _____ AMP
 CSA ACC 60 CYC FE
 RF. 1 AT 30°C INSL CLASS _____ KV
 NO. 85061015 IMP LEVEL _____ KVEW
 MECH _____ XN 1 SECTHERM _____ XN
 CAT. NO. 85061015
 MP-251803 MADE AT TORONTO, ONTARIO



CANADIAN GENERAL ELECTRIC
TYPE CS-25N CURRENT TRANSFORMER
 RATIO 10-5 AMP
 CSA ACC 60 CYC 6B20
 RF. 2 AT 30°C INSL CLASS 25 KV
 NO. 866200 IMP LEVEL 150 KVEW
 MECH 1000 XN 1 SECTHERM 220 XN
 CAT. NO. 85061015
 MP-251803 MADE AT TORONTO, ONTARIO



Description

This is a re-issue of Notice of Approval T-27-1 to cover transformers of improved accuracy denoted by the suffix "N" in the type designation.

All secondary taps on types "CML-25N" and "CSL-25N" are such as to produce a pair of ratios of the order of 2:1.

The accuracy rating of the type CML-25N is lower on the low ratio than it is on the high ratio so that this type will have two corresponding accuracy ratings marked on the nameplate.

The accuracy rating of the low ratio of the type CSL-25N is such that it is not approved for revenue metering and the nameplate is so marked.


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


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 double ratio transformers "X1" is common and "X2" and "X3" denote the tap and full winding respectively.

Approval granted:

Canadian General Electric Co., Ltd.,
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G.E. Anderson,
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Services


W.J.S. Fraser,
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