



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



STANDARDS BRANCH - DIRECTION DES NORMES

NOTICE OF APPROVAL

T-49-1

OTTAWA November 30, 1970.

SANGAMO TYPE "ME" FORM "150" VOLTAGE TRANSFORMERS

Primary Voltages	14400, 12000, 8400 ^① and 7200 volts
Secondary Voltages	120, 120-120, 120-70 ^①
Accuracy Rating at 60hz	
Single Secondary Units	0.3WXYZ; 1.2ZZ ^②
Double Secondary Units	0.6ZZ ^②
Frequency	60hz
Insulation Class	15kv
Thermal Rating	1750 va
Style	Moulded, indoor

Transformers of all the listed primary voltages are available with either single or double 120 volt secondaries.

① Transformers of 8400 primary volts are also available with one 120 volt secondary and one 70 volt secondary.

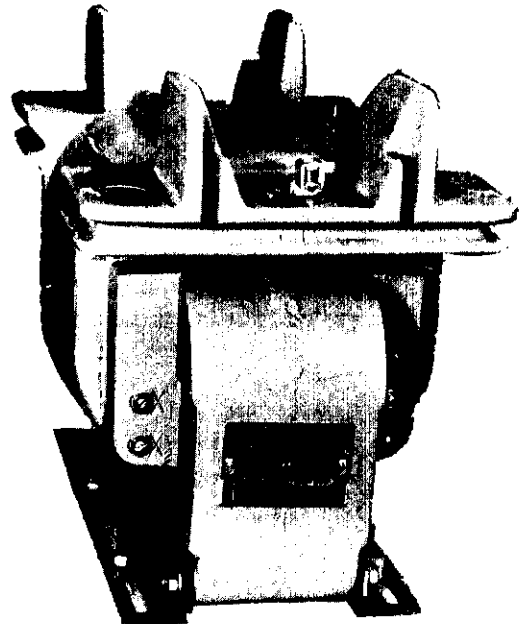
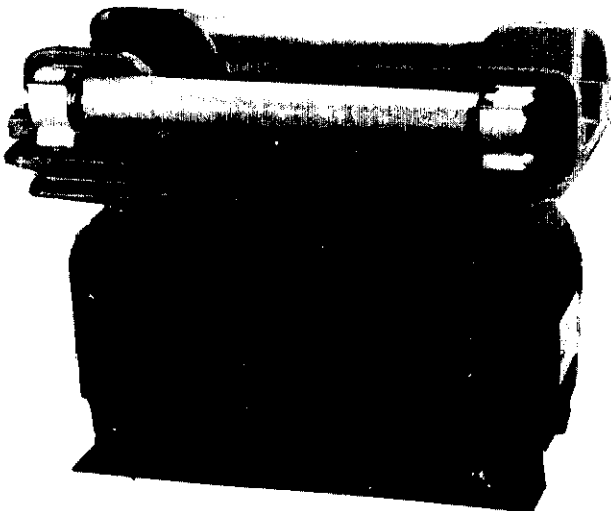
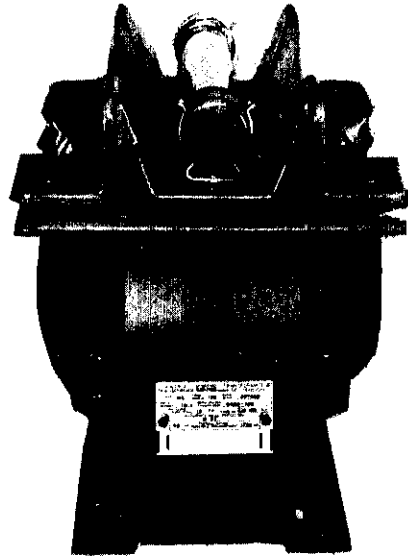
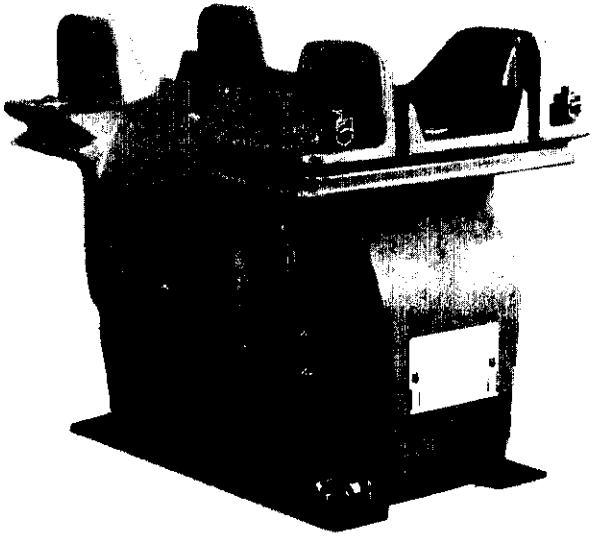
② The nameplates of transformers with single secondaries are marked 0.3WXYZ; 1.2ZZ and those with double secondaries are marked 0.6ZZ. This latter marking applies to either secondary with the other not loaded, and to both secondaries when the ZZ burden is divided in any proportion between them.

Description

The type "ME" Form "150" voltage transformers are designed for indoor service, primarily for metering purposes. The form "150" indicates the voltage insulation class.

The core is wound type of directional grain silicon steel and the entire transformer is cast in epoxy resin.

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All terminals are moulded as an integral part of the transformer, those for the line being supplied with pressure connectors.

Primary terminals are identified by "H1" and "H2" moulded in the epoxy adjacent to the respective terminals.

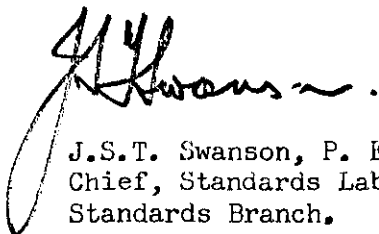
Transformers with single secondary windings have the secondary terminals marked "X1" and "X2" and those transformers with double secondary windings have the other secondary connected to terminals marked "Y1" and "Y2" moulded in the epoxy on the opposite side of the core.

Transformers rated at 8400 primary volts and having double secondary windings producing 120 and 70 volts will have the nameplate marked "X1X2-120V" "Y1Y2-70V".

This is a reissue of circular T-49 to cover transformers designed for line-to-ground operation and transformers with double secondary windings.

Approval granted to:

Sangamo Company Limited,
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