



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-105

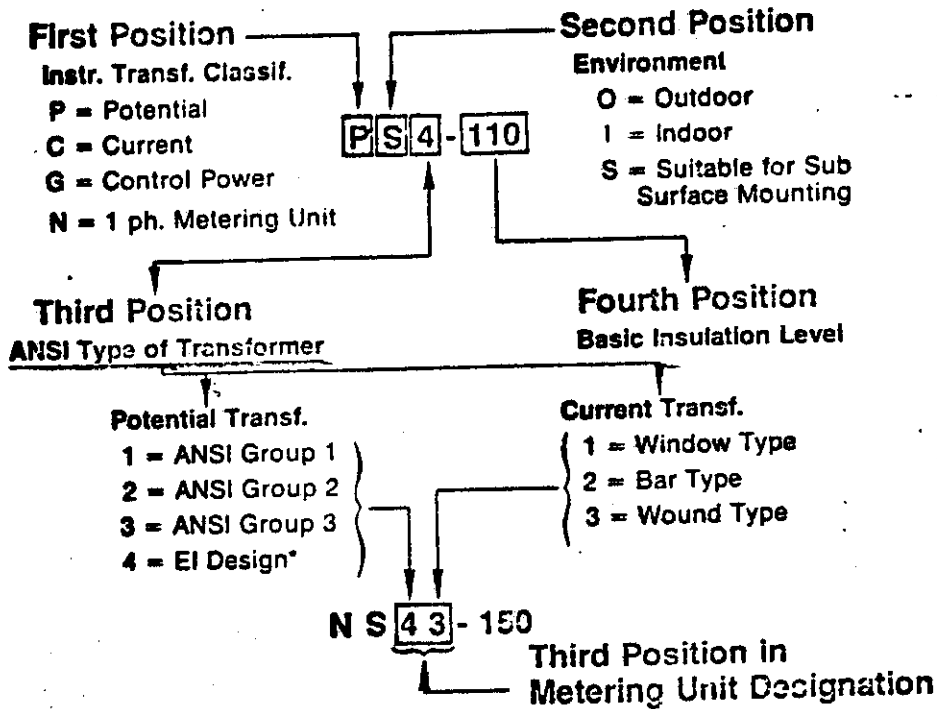
OTTAWA March 8, 1976

**ELECTROMAGNETIC INDUSTRIES TYPES NO43-110 AND NO43-150
SINGLE PHASE METERING UNITS**

Apparatus

Primary Voltages	
Type NO43-110	7200, 8400 volts
Type NO43-150	12,000, 14,400 volts
Secondary Voltage	120 volts
Primary Currents	
Types NO43-110 and NO43-150	10, 15, 20, 25, 30, 40, 50, 60, 75, 100, 150, 200, 300, 400 and 600 amperes
Type NO43-150 (dual ratio tapped secondary)	10/20, 25/50, 50/100, 75/150, 100/200, 150,300, 200/400 and 300/600 amperes
Type NO43-150 (dual ratio series-parallel primary)	10x20, 25x50, 50x100, 75x150, 100x200, 150x300, 200x400 and 300x600 amperes.
Secondary Current	5 amperes
Accuracy Rating at 60Hz	
Voltage Transformer	
NO43-110	0.3X; 0.6Y
NO43-150 single ratio	0.3X; 0.6Y
Dual Ratio, tapped secondary	0.3X; 0.6Y
Dual Ratio, Series- parallel primary	0.3X; 0.6Y
Current Transformer	
NO43-110	0.3B0.5
NO43-150, single ratio	0.3B0.5
Dual ratio, tapped secondary	0.3B0.5/B2.0
Dual ratio, series- parallel primary	0.3B0.5
R.F. (rating factor) Current Transformers	2.0; 2.0/1.5 (dual ratio, tapped secondary)
Frequency	60 Hz
Style	Dry-molded of cycloaliphatic epoxy, outdoor type

EXPLANATION OF THE TYPE DESIGNATIONS



Prefix - A letter appearing before the above type designations identifies another "family" of similar products: e.g. BCO1-110 is similar to the series CO1-110.

Description

Type NO43 metering unit is simply a potential transformer and a current transformer combined into a single molded assembly with the connection to the potential transformer already made. The identical core and coil assemblies used in the PO4 and CO3 series (Approvals T-100 and T-102) are used in the type NO43 series. All of the features described in Circular T-100 and T-102 are incorporated into the metering unit.

The polarities are permanently marked and the wiring diagram on the nameplate clearly indicates the manner in which the transformers are to be connected.

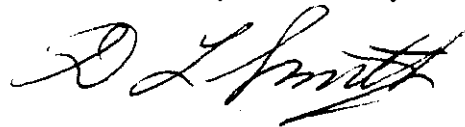
These metering units are physically similar in appearance to Type CO3 Current Transformers shown in T-102.

Approval granted to:

Electromagnetic Industries Inc.,
Clearwater, Florida, U.S.A.



J.L. Armstrong,
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Metrology and Laboratory Services.

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