Consumer and Corporate Affairs

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Legal Metrology Branch Ottawa, Ontario K1A OC9

NOTICE OF APPROVAL AVIS D'APPROBATION

E-60-4

Ottawa, November 20, 1980

SANGAMO TYPE KYO POLYPHASE WATT HOUR METERS

This Notice constitutes an addition to Approval Notice E-60 of September 1, 1967.

Approval is extended to Type KYO polyphase watt hour meters with a current range of 0.06 to 5 amperes. These meters will be equipped with an approved detent and the Type "O" pulse initiator.

The small plate mounted above and behind the nameplate shall carry the designation WH/P (Kp) - - -

P/DR - - -

This approval covers the following watt hour meters:

2 Element:

Current Range - 0.06 to 5 amperes
Voltages - 120, 240, 345, 480, 600
Kh - 0.6, 1.2, 1.8, 2.4, 3
Register Ratios 4 and 5 dial clock x 1-200, 100, 66 2/3, 50, 40
4 dial clock x 10-2000, 1000, 666 2/3, 500, 400.

2½ Element:

Current Range - 0.06 to 5 amperes
Voltages - 120, 240, 345
Kh - 0.9, 1.8, 2.7
Register Ratios 4 and 5 dial clock x 1-133 1/3, 66 2/3, 44 1/3
4 dial clock x 10-1333 1/3, 666 2/3, 444 1/3

3 Element wye:

Current Range - 0.06 to 5 amperes
Voltages - 120, 240, 345
Kh - 0.9, 1.8, 2.7
Register Ratios 4 and 5 dial clock x 1-133 1/3, 66 2/3, 44 1/3
4 dial clock x 10-1333 1/3, 666 2/3, 444 1/3

Burden data:

Voltage coil (at rated voltage) all types

60 Hz 1.0W 7.9 VA 7.8 RVA

50 Hz 1.25W 9.7 VA 9.6 RVA

Current coil (at 2½ amp)

2 Element:

60 Hz (Single coil) 0.60 W 1.3 VA 1.15 RVA

50 Hz (Single coil) 0.60 W 1.10 VA 0.92 RVA

$2\frac{1}{2}$ Element wye:

60 Hz Coils A and C 0.55 W 1.0 VA 0.84 RVA Split coil B 1.10 W 2.00 VA 1.67 RVA

50 Hz Coils A and C 0.55 W 0.85 VA .65 RVA Split coil B 1.10 W 1.70 VA 1.30 RVA

3 Element wye:

60 Hz (Single coil) 0.60 W 1.30 VA 1.15 RVA 50 HZ (Single coil) 0.60 W 1.10 VA 0.92 RVA

Description

These meters are similar in all respects to the KY watt hour meters granted approval under Notice of Approval E-60 dated September 1, 1967 except that extra windings have been added to the current coils to change the current range to 0.06 to 5 amperes.

These meters will be used with Type "0" Pulse Initiators, approved under Notice of Approval E-120 dated January 25, 1973, and E-120-1 dated April 8, 1976.

Approval granted to:

Sangamo Company Ltd, 215 Laird Drive, Toronto, Ontario. M4G 3X1

D. L. Smith, Chief,

Electricity and Gas Division.

Ref: G6565-S2-6