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Standards

Normes

Legal Metrology Branch  
Ottawa, Ontario  
K1A 0C9

**NOTICE OF APPROVAL  
AVIS D'APPROBATION**

**E-137-1**

Ottawa, November 6, 1980

SANGAMO TYPE KYQO POLYPHASE Q-HOUR METERS

This Notice constitutes an addition to Approval Notice E-137 dated March 17, 1976, which remains in effect.

Approval is extended to cover Type KYQ Polyphase Q-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: Qh/P (Kp) - - -  
P/DR - - -

This approval covers the following Q-hour meters:

2 elements:

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 elements 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

3 elements 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 1-1333 1/3, 666 2/3, 444 1/3

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BURDEN DATA:

Voltage Coil (at rated voltage) all types:

60 Hz	1.0 W	7.9 VA	7.8 RVA
50 Hz	1.25 W	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	1.10VA	0.925 RVA	
2½ Element Wye -	60 Hz	Coils A & C	0.55 W	1.0 VA	0.84 RVA
		Split Coil B	1.10 W	2.00VA	1.67 RVA
	50 Hz	Coils A & C	0.55 W	0.85VA	0.65 RVA
		Split Coil B	1.10 W	1.70VA	1.30 RVA
3 Element Wye -	60 Hz (single coil)	0.60 W	1.30VA	1.15 RVA	
	50 HZ (single coil)	0.60 W	1.10VA	0.92 RVA	

Description

These meters are similar in all respects to the KYQ-hour meters granted approval March 17, 1976, Notice of Approval E-137, except that extra windings have been added to the current coils to change the current range to 0.06 to 5 amperes.

The meters will be used with Type "O" Pulse Initiators approved under Notice of Approval E-120, January 25, 1973, and Notice of Approval E-120-1, 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-S2-5