



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



**STANDARDS BRANCH - DIRECTION DES NORMES**

**NOTICE OF APPROVAL  
AVIS D'APPROBATION**

**E-65-4**

OTTAWA March 4, 1975

SANGAMO TYPE "KYW-" COMBINATION POLYPHASE  
WATTHOUR AND THERMAL KILOWATT DEMAND METER

APPARATUS RATING

Types KYWA and KYWS

2-element Network for use on 2 wires and neutral of 3-phase  
4-wire Y service.

Voltages	120 240, 277 and 345 volts		
Current Range (amperes)	0.6-50	1.2-100	2.5-200
*Full Scale Demand (KW)	12	24	48
*Multiplier	10	20	40
*Disc Constant (Kh)	3.6	7.2	14.4
Register Ratio	333 1/3	333 1/3	333 1/3
Scale	1200 watts and 1.2 KW		

Types KYWP<sup>#</sup> and KYWS

2-element for use on 3-phase 3-wire service

Voltages	120, 240, 277, 345, 480 and 600 volts			
Current Range (amperes)	0.3-25	0.6-50	1.2-100	2.5-200
*Full Scale Demand (KW)	5	10	20	40
*Multiplier	5	10	20	40
*Disc Constant (Kh)	1.8	3.6	7.2	14.4
Register Ratio	333 1/3	333 1/3	333 1/3	333 1/3
Scale	1000 watts and 1.0 KW on all ratings			

2½-element Y for use on 3-phase 4 wire Y service

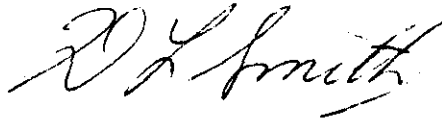
Voltages	120, 240, 277 and 345			
Current Range (amperes)	0.3-25	0.6-50	1.2-100	2.5-200
*Full Scale Demand (KW)	9	18	36	72
*Multiplier	7.5	15	30	60
*Disc Constant (Kh)	2.7	5.4	10.8	21.6
Register Ratio	333 1/3	333 1/3	333 1/3	333 1/3
Scale	1200 watts and 1.2 KW on all ratings			

as used in the single-phase "K2A" terminal block, using only one screw. The snap/test links from the "K2A" single-phase block are now also used on this new polyphase block.

The demand element toroidal current transformers are mounted on the current coils using heat shrinkable cross linked polyethylene tubing. The auxiliary wiring panel formerly mounted on the left side of the terminal casting is now mounted behind the register.

Approval granted to:

Sangamo Company Ltd.,  
215 Laird Drive,  
Toronto, Ontario.



J. L. Armstrong  
Chief, Standards Laboratory,

D. L. Smith,  
Chief, Electricity and Gas Division,  
Metrology and Laboratory Services

Ref: GL 1145-57/S2-93