



TRADE AND COMMERCE
CANADA

STANDARDS BRANCH

OTTAWA November 22, 1960.

TYPE APPROVAL

SANGAMO TYPES "CJ3A" AND "CJ3S" SINGLE-PHASE WATTHOUR METERS

The apparatus specified herein has been duly approved by the Standards Branch under the provisions of the Electricity Inspection Act, Chapter 94, R.S. 1952, and may be admitted to verification in Canada.

Apparatus Approved: Types "CJ3A" and "CJ3S" Single-Phase Watthour Meters, manufactured by Sangamo Company Limited, Leaside, Toronto 17, Ontario.

Rating of Apparatus:				
Current Range (amperes) ...	#0.12-10	0.5-50	° 0.75-100	° 2.0-200
* Voltage	115 or 230	115	230	115 or 230
Wire	2 or 3	2	3	2 for 115V) 3 for 230V)
Frequency	60 cycles for all ratings			
Disc Constant	0.3 for 115V	1.5	6	6 for 115V) 12 for 230V)
Register Ratios:				
Clock type 4-dial x 1 ...	{ 333-1/3 for 115V 166-2/3 for 230V	66-2/3	16-2/3	16-2/3 for 115V
Clock type 4-dial x 10 ..	-	-	166-2/3	166-2/3 for 115V) 83-1/3 for 230V)
Clock type 5-dial x 1 ...	-	-	16-2/3	16-2/3 for 115V) 8-1/3 for 230V)
Cyclometer type x 1	{ 116-2/3 for 115V 208-1/3 for 230V	83-1/3	20-5/6	20-5/6 for 115V
Cyclometer type x 10	-	-	208-1/3	208-1/3 for 115V) 104-1/6 for 230V)
Type of Base	A and S	A and S	A and S	S for 115V) A and S for 230V)

* Meters with 120-volt ratings, or multiples thereof, are also approved for all capacities.

Transformer type. Other ratings are self-contained.

° May be used on 115V 2-wire as temporary measure.

Description: These types are substantially the same as the "CJ" meter that received approval under Circular SD-EA.321 of November 4, 1957. The two important modifications are in the damping magnets and the bearing system. There is also a slight modification to the inductive adjustment.

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