



CANADA

DEPARTMENT OF TRADE AND COMMERCE
STANDARDS DIVISION

S-EA.601

OTTAWA..... November 15th, 1963.

TYPE APPROVAL

SANGAMO TYPES "CJ3A" and "CJ3S" DUAL RATED
SINGLE - PHASE WATTHOUR METERS

The apparatus specified and illustrated herein have 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" Dual Rated Single-Phase Watthour Meters, manufactured by Sangamo Company Limited, Leaside, Toronto 17, Ontario.

Rating of Apparatus:	
Current Range	2.0-200 amperes (2.0-100 amperes)*
Voltage	230 or 240 volts.
Wire	3
Frequency	50 and 60 cycles.
Disc constant Kh	12
Register ratios	
Clock type 4-dial x 10	83-1/3
Clock type 5 dial x 1	8-1/3
°Clock type 4/5 dial x 1	8-1/3
Cyclometer x 10	104-1/6

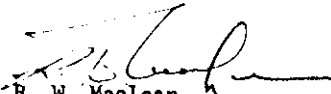
* marked on small removable '100' tab.

o the 4/5 dial x 1 clock register is the standard 5-dial register with a thin black plastic disc slipped over the shaft holding the pointer of the highest reading dial and completely obscuring the figures. This disc has a slit along a radius so that when it is desired to change the 4/5 dial register to a straight 5-dial register, the disc can be slipped off; thus revealing the figures. No other change is involved. All registers have test dials.

This dual rated meter may be used on 115 volt 2-wire as a temporary measure. It is not necessary to break the Government seal to do this, but it will be necessary in the case of the 'A' based types to drill out the holes in the terminal block to permit insertion of the potential lead(s). A separate jumper is required in the case of the 's' based types.

Description: The types "CJ3A" and "CJ3S" dual-rated single-phase watthour meters are basically identical to the 2.0-200 ampere 230-240 volt ratings receiving approval under circulars S-EA.483 and S-EA.596.

The purpose of the dual rating is to provide a more universal meter that can be used on either 100-ampere or 200-ampere 3-wire services, and the 4/5 dial register was developed in keeping with this purpose. This 4/5 dial register is also approved for use on any approved Sangamo watt-hour meter of suitable range.


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