S-EA.597

## DEPARTMENT OF TRADE AND COMMERCE

STANDARDS BRANCH

September 24, 1963. OTTAWA.

TYPE APPROVAL

CANADIAN WESTINGHOUSE TYPE "D3S" SINGLE-PHASE WATTHOUR METERS WITH AND WITHOUT VOLTAGE-COMPENSATED "VC" VOLTAGE COIL

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

Apparatus Approved: Type "D3S" Single-Phase Watthour Meters, manufactured and distributed in Canada by the Canadian Westinghouse Company Limited, Mamilton, Ontario.

.12-10A	•5-50A	.75-100A	2-200A
115 and 230	115	230 and 115/230	230
2	2	3 or 2/3	3
60 cycles	60 cycles	60 cycles	60 cycles
.18 for 115V	.9 for 115V	3.6 for 230V	7.2 for 230V
555-5/9 for 115V	111-1/9	27-7/9 or	13-8/9 or
277-7/9 for 230V		$277 - 7/9 \times 10$	$138-8/9 \times 10$
4	4	4	4 or 5
	clock o	r cyclometer	
(see SD-EA-308, -	.394, -405, S-	EA-412, -442)	
	115 and 230 2 60 cycles .18 for 115V 555-5/9 for 115V 277-7/9 for 230V 4	115 and 230 115 2 2 60 cycles 60 cycles .18 for 115V .9 for 115V 555-5/9 for 115V 111-1/9 277-7/9 for 230V 4 4	115 and 230 115 230 and 115/230 2 2 3 or 2/3 60 cycles 60 cycles 60 cycles .18 for 115V .9 for 115V 3.6 for 230V 555-5/9 for 115V 111-1/9 27-7/9 or

#The 115/230 volt 2/3 wire marking indicates the 2-wire/3-wire meter approved as D2S und - circular SD-EA.307 of August 19, 1957 now has approval as D3S with magnetic sion of the disc. Meters with 120 volt ratings, or multiples thereof, are also ed in all capacities.

Description: The electromagnet and damping system of the type DJS are identical to those used in the type D2S, and the modifications receiving approval for the latter under circulars S-EA.575 of January 7, 1963 and S-EA.584 of June 14, 1963 apply equally to the type D3S. The difference between the two types lies in the base which for the type D3S hasi-

1. A slightly deeper well so that all ratings use a common base.

2. Three ceramic filters said to prevent the accumulation of condensation.

3. Grommets around the current blades end disconnect link assembly.

4. A continuous cover gasket and 5. a relocated seal pan.

The combination of gaskets, filters and grownets is intended to provide a tightly somled meter effectively insect and dust proof. The meter is identified by the 131 in the type designation and is available only in the socket type 'S' base. It may be provided with an English or a French/English nameplate.

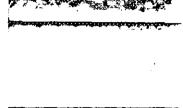
Director,

Standards Branch.

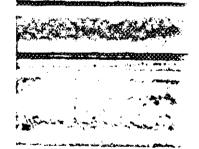
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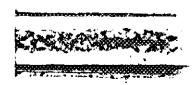
E. F. Power E.F. Power, Chief, Electricity and Gus Division, Standards Branch.











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