



TRADE AND COMMERCE
CANADA

STANDARDS BRANCH

OTTAWA, October 21, 1960.

TYPE APPROVAL

CANADIAN WESTINGHOUSE TYPES "D2S" AND "D2A" 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 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 "D2S" and "D2A" Single-Phase Watthour Meters, manufactured by Canadian Westinghouse Company Limited, Hamilton, Ontario.

Rating of Apparatus:

Current Range12-10A	.5-50A	.75-100A	2-200A
#Voltage	115 & 230	115	230 & 115/230	230
#Wire	2	2	3 or 2/3	3
Frequency	60 cycles	60 cycles	60 cycles	60 cycles
Watthour Constant18 for 115V	.9 for 115V	3.6 for 230V	7.2 for 230V
Register Ratio	555-5/9 for 115V	111-1/9	27-7/9 or 277-7/9 x 10	138-8/9 x 10 or 13-8/9
		277-7/9 for 230V		
Register Dials.....	4	4	4	4 or 5
Register Type	Clock or Cyclometer (see SD-EA.308, -394, -405, S-EA.412, -442)			

#The 115/230V 2/3 Wire marking indicates the 2-wire/3-wire meter approved under Circular SD-EA.307 of August 19, 1957, now has approval with magnetic suspension of the disc. Meters with 120V ratings, or multiples thereof, are also approved for all capacities.

Description: The "2" in the type designation indicates that a magnetic lower bearing has been installed in the presently-approved types "DS" and "DA". All meters of the types "D2S" and "D2A" will be furnished with a magnetic bearing of the repulsion type which for the purposes of identification will be known as the "Magne-thrust" bearing. The .12-10 ampere capacity will be transformer type and will be available with either one or two potential disconnects; the other ratings will be self-contained.

This circular also covers the "voltage compensated" design of voltage coil and is available mainly in the .75-100 ampere capacity. Whenever this design is incorporated, the letters "VC" will be printed in the space following the current rating, and will permit the meter to be used on either a 2-wire, 115V circuit or a 3-wire, 230V circuit without recalibrating or breaking the seal. The "A" base may have an independent potential terminal associated with

.....(the)/(over)

