

TRADE AND COMMERCE  
CANADA

SD-EA.96

## STANDARDS DIVISION

OTTAWA,.....March 3, 1953.....

TYPE APPROVALPACKARD TYPES "B1A" AND "B1S" SINGLE-PHASE WATTHOUR METERS

The apparatus specified herein has been duly approved by the Standards Division under the provisions of The Electricity Inspection Act, Chapter 22, 1928, as amended, and may be admitted to verification in Canada.

Apparatus Approved: Types "B1A" and "B1S" Single-Phase Watthour Meters, 50 amperes nominal capacity, manufactured by the Packard Electric Company Limited, St. Catharines, Ontario.

Rating of Apparatus:	<u>2-Wire</u>	<u>3-Wire</u>
Rated Amperes .....	50	50
Maximum Amperes .....	100	(100 (200 HC Socket * )
Wire .....	2	3
Volts .....	115, 230, 460, 575	230
Frequency .....	60 cycles	60 cycles
Kh .....	3-1/3, 6-2/3, 13-1/3, 16-2/3	6-2/3

\* The type "B1S" - 3-wire meter only - has received approval for use with HC socket.

NOTE: These meters require a dial multiplier of 10.

Description: The general description of these meters is the same as for the other capacities of the same types as given in Circular SD-EA.84 of August 21, 1952. However, in the 50-ampere 3-wire meter, the current coils are arranged so that the current is split in two and half is passed around each current pole. As this type of current coil tends to over-lag the voltage flux, a small non-adjustable figure-eight coil has been placed on the current coil. This does not appear in the other ratings.

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