



TRADE AND COMMERCE  
CANADA

SD-EA.303

## STANDARDS DIVISION

OTTAWA, July 10, 1957.

TYPE APPROVAL

PACKARD TYPE "PBS" 2½-ELEMENT  
POLYPHASE WATTHOUR METER - HIGH CAPACITY

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

Apparatus Approved: Type "PBS" 2½-Element Polyphase Watthour Meter, manufactured by the Packard Electric Company Limited, St. Catharines, Ontario.

Rating of Apparatus:

Ampere Range .....	2.5 - 200*
Disc Constant .....	18.0
Volts .....	120/208
Wire .....	4
Phase .....	3
Frequency .....	60 cycles

\* To be used with a high capacity socket.

Description: Except for the current element, this meter is similar to the .75 - 60 ampere, 4-wire rating previously approved on Circular SD-EA.223, November 22, 1955. The main difference lies in the fact that the high current capacity dictates a higher ampere-turn design of the current coil. As a consequence the area of the current pole has been reduced and the overload compensation modified. In addition, the current leads to the outside terminals are formed differently so as to balance the current in the two parallel paths. The lag plate has been changed from copper to aluminum.

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